

1)	Date: De	cember	1			19 82	
2)	Operator's Well No.	Grow	#13				
3)	API Well N	0. 47		105	1	029	

County

Permit

DRILLING CONTRACTOR:

7.7	rt		DEPA	RTMENT	OF MINES, OIL	AND GAS DIVISI	ON south va ma	3) To be filled
Edens Fo	rk, WV	vois <mark>of grav</mark>				IIT APPLICATION		mean officer (A.b.
any le robse	natinos to	threat and t					es arrest barrolla	
4) WELL TYP	PE: A Oil	X/	Gas X	PRT ATO		Sar Voles: Visual	n habograbou A	after it lear
		'Gas'', Produc		7			/ Deep	이 나는 이 아이를 가는 것이 없는데 그렇게 되었다. 그는 사람들이 아이들 🕳 그 아이를 하는데 다른데 다른데 다른데 다른데 다른데 다른데 다른데 다른데 다른데 다른
5) LOCATION			17.5		Watershed: _	Burning Sp		
	Distri	ct: _ Burn:	ing Spr	ings	County:	Wirt	Ouadrangle:	Girta 7.5
6) WELL OPE	ERATOR_W	Vayman W.	Bucha	nan	A RESIDENCE OF THE RESIDENCE OF THE PARTY OF	11) DESIGNATED	AGENT Leroy	Hopkins
Address		Petroleu					P. O. Box	
							Kenna, WV	25248
7) OIL & GAS	S				PR.		Reilia, WV	23240
ROYALTY		George (C. Grow	Jr.		12) COAL OPERA	TOR None	(c) Where well
Address	626	Shadowla	awn Driv	<i>т</i> е	ion, company	Address	take salenga Juga	m 8 m 9 6
	West	field, N	J 0709	90		point above to	whitespect and alle	o historiamen
Acreage	_1063					13) COAL OWNER	DVC) WITH DECLAR	RATION ON RECORD:
8) SURFACE	OWNER_S	Same as a	bove		-705	Name	K(S) WITH DECLA	RATION ON RECORD:
Address				-0	-12 B MA	Address	למכר שאת ביי על גוס	Bus Especial CR
			5	17/201	DEL U	Address		
Acreage	1063			27/10		Constant of the Constant of th		Signolin() (9)
9) FIELD SAL				6	198	Name	A OF SIE SIST III	111 HOA BOK 411
Address		0000 10 000	in the same of	115				
230	4 2 6 7 5 7			2 2 2 2 2	Antonia Calland	TO COLLEGE TO STATE OF THE PARTY OF THE PART	VALUE VILLES IN THE LET	TION ON RECORD:
0) OIL & GAS	INSPECTO	R TO BE NO	TIEIED		BU	14) SICOAL LESSEE	WITH DECLARAT	TION ON RECORD:
Name De		K TO BE NO	TIFIED	(NIL & GAS	Address	STOREST STREET	CONTRACTOR (NO. 18.
Address	SCHOOL STORY ON THE STORY OF	1 Boy 5	charing san	and the contract	PT. PF	Address		100000000000000000000000000000000000000
on the flags as				DE			lacomacis an His-	rangemans 101
		ACRES OF THE RESIDENCE OF THE PROPERTY OF THE	ENGLISH THE SECTION OF THE PARTY OF THE PART	The second second second second	DECORPORATE DECIMAL		le carre to surry	logal andw
5) PROPOSED	WORK:	Drill X	_/ Drill	deeper	/ Redri	II/ Frac	ture or stimulate	S-VL stylos
		Plug off old	formation_		/ Perforate	new formation	/ / / / / / / / / / / / / / / / / / /	16) Automotivates
		Other physica	i change in	well (spec	1fy)			minach hamine. Ind
6) GEOLOGIC	CAL TARGET	FORMATIC	N, Dev	onian	Shale		\$ 7,10,18.	TEIGNS HOW _ (T)
17) Estimate	ed depth of co	ompleted well,	S 15 6	4800	feet	is collects has a	NEWSON TESSEN	was seen a const
18) Approxi	imate water st	rata depths:	Fresh,	12	20 feet:	salt, 560	feet.	BOURVEIS
19) Approxi	imate coal sea	m depths:	None		Is cos	al being mined in the	was 2 V	V
0) CASING AN	ID TUDING	PROCRAM			13 000	in being inflied in the a	area? Yes	/ No_X
10.000 10.00	ib robind	PROGRAM		100	erar Code 22	o' verials on he	a breagont amit,	Account the
CASING OR TUBING TYPE	1 .	SPECIFIC		.	FOOTAG	E INTERVALS	CEMENT FILL-UP	PACKERS
	Size		er ft. New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
Conductor	9 5/8		X	The state of the s	A SP AND THE	350		2006-1-00 (1P P
Fresh water			21		1000	330	Circ.	Kinds
Coal		A STREET STREET	A PARTY OF			- 10 to 10 t	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Intermediate	7	* 10 mm	77	Constitution of the last	HOME AND ADDRESS.	The complete He	To policy through	Sizes
Production	11		X		alido	1500	Circ.	
Tubing	4 1/2	altrail (alt)	X		octol namedal	4800	480 sks.	
								Depths set
		CONTROL SAN PROPERTY AND ADDRESS.				The second second		Depths set
Liners							The House of the	La ser State Control of the Control
The state of the s					un la esticu	10 11 20 2 2		Perforations:
					- 19 0250	60 11 m 1		1.00
Liners		1000				(0)	#42.2.250 (7) (4	Perforations:
Liners	ON RIGHTS	20,000			Jan og arkbur	(3)		Perforations: Top Bottom
Liners EXTRACTIO		the following:	d bedras				Account of the control of the contro	Perforations: Top Bottom
Liners EXTRACTIO Check and pro	ovide one of	the following:					Recorded to the control of the contr	Perforations: Top Bottom
EXTRACTIO Check and pre	ovide one of ed is the lease	or leases or o	other contin	uing contr	act or contracts l	by which I hold the	e lieparinegal	Perforations: Top Bottom
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ermit number		13000		-	+ >	12	-

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires	August 2,	, 1983		unless d	rilling is commenced prior to that date and prosecuted with due diligence
Bond:	Agent: 0 K	Plat:	Casing	Fee	and prosecuted with due diligence
Glanket	Iln	E.111	11112	1894	Administrator, Office of Oil and Ses

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
 - "Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less then six thousand feet, whatever is shallower.
 - 5) Where well is located
 - 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
 - 7) Use separate sheet if necessary
 - 8) Present surface owner at time application is filed.
 - 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
 - Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
 - 16) Anticipated formation for which well will be completed
 - 17) Self explanatory
 - 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
 - 19) All coal seam depths
 - 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
 - 21) Code 22-4-11(c) In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1)A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4)A brief description of the royalty provisions of each such lease or contract.
 - 22) Code 22-4-11(d) and 22-4-11(e).
 - Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
 - The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

	TIME	WAIVER 1190		
	1 livin			Salar Salar
The undersigned coal operator	/ owner	/ lessee	of the coal under this well 12/21	en has ex-
d this managed well location It	f a mine man exists w	which covers the ar	ea of the well location, the well location	has been
				Charles of the second by the second s
Adad to the mine man The undersign	ned has no objection	to the work propo	ised to be done at this location, provided	a, the wen
dad to the mine man The undersign	ned has no objection	to the work propo	ised to be done at this location, provided	a, the wen
dad to the mine man The undersign	ned has no objection	to the work propo	osed to be done at this location, provided a Code and the governing regulations.	a, the wen
dad to the mine man The undersign	ned has no objection	to the work propo	ised to be done at this location, provided	a, the wen
dad to the mine man The undersign	ned has no objection	to the work propo	ised to be done at this location, provided	a, the wen

Kole NIST 132

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CLAY DISTRICT, WIRT COUNTY, WEST VIRGINIA

RECORDING	DB 122/420	DB 79/463	DB 98/280	DB 88/486	DB 79/463	DB 79/463		DB 95/322	DB 107/186	
DATE	11/27/1961	5/20/1929	9/23/1944	7/19/1937	5/20/1929	5/20/1929		4/20/1929	12/20/1939	
ACREAGE	29	167 by Deed 253 by Survey	66	43	200 by Deed 312 by Survey	142%	RGINIA	62%	65	2,337.75
DESCRIPTIVE NAME	Bailey Tract	California Tract	Swisher Tract	Mary Nelson Tract	Rex Lease	J. F. Dravo Tract	RITCHIE COUNTY, WEST VIRGINIA	Sharpnack Tract	Deem Tract	TOTAL ACREAGE
GRANTEE	George C. Grow	George C. Grow	George C. Grow	George C. Grow	George C. Grow	George C. Grow	GRANT DISTRICT, I	George C. Grow	George C. Grow	
GRANTOR	la to wolling of Lan	Roberts Oil Company		Etta Swisner	John M. Nelson, et al. Roberts Oil Company	Roberts Oil Company		Of 1 Company	מ ב	H. H. haynes, ec ar.

01/12/2024



of Mesi Hirginin Well No. Grow #13 July 6 - 1984 Gil und Gas Zivision

Date July 26, 1983 Operator's Farm.

API No. 47 - 105 - 1029

Cerrent

OIL & GAS DIVISION DEPT. OF MINESOIL & GAS DIVISION

DEPT OF MINESERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas X/ Liquid Injection / Waste Disposal (If "Gas," Production / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 1047.5 Watershed Burning Springs

District: Burning Springsnty Wirt Quadrangle Girta 7.5'

Casing

COMPANY Wayman W. Buchanan ADDRESS San Antonio, Texas 78205 DESIGNATED AGENT Leroy Hopkins ADDRESS Kenna, WV 25248 SURFACE OWNER George C. Grow, Jr. DRESS_Westfield, NJ 07090 NERAL RIGHIS OWNER Same as above ADDRESS OIL AND GAS INSPECTOR FOR THIS WORK Deo

Mace ADDRESSSandridge, WV PERMIT ISSUED 12/01/82

DRILLING COMMENCED 12/17/82 ORILLING COMPLETED 12/22/82

F APPLICABLE: PLUGGING OF DRY HOLE ON

DNTINUOUS PROGRESSION FROM DRILLING OR EXORKING. VERBAL PERMISSION OBTAINED

	Tubing	Drilling	in Well	fill up Cu. ft.
	Size 20-16 Cond.			
	13-10"			
	9 5/8		348'	150 sks.
	8 5/8			
	7		1670'	350 sks.
-	5 1/2:			
-	4 1/2		4360'	188 sks.
	2			
	Liners used			
-			1	. 1

Used in | Left

EDLOGICAL TARGET FORMATION Devonian Shale Depth of completed well 4375' feet Rotary X / Cable Tools feet Water strata depth: Fresh 120 feet; Salt 560 feet Coal seam depths: None ____ Is coal being mined in the area? No

EN FLOW DATA

Producing formation Devonian Shale 400 Pay zone depth 2652-4096 Gas: Initial open flow 120 Mcf/d Oil: Initial open flow Final open flow 90.5 Mcf/d Bb1/d Final open flow 15 Time of open flow between initial and final tests 24 hours Bb1/a Static rock pressure _____psig(surface measurement) after ____hours shut in 01/12/2024 Second producing formation fcet

Gas: Initial open flow_____Mcf/d Oil: Initial open flow_____ Mof/d Oil: Final open flow _____Bbl/d Pb1/d of open file one can initial and final terms____hours

_____hours shot i.

AND ALLS OF PERFORMIED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHAVE, EXP.

Perforated 34 holes from 3494 to 4096'. Treated and fractured with 500 gal. 15% HCL, 88 barrels sand laden fluid, 90 quality foam, 32,500# 20/40 sand and 742,000 scf $\rm N_2$.

Perforated 35 holes from 2652 to 3387'. Treated and fractured with 500 gal. 15% HCL, 90 barrels sand laden fluid, 90 quality foam, 33,500# 20/40 sand and 742,000 scf $\rm N_2$.

WELL LOG

				New 25 10 10 10 17	REMARKS	
FORMATION COLOR HAP	RD OR SOFT	TOP FEET	BOTTOM FEET	Including and salt w	indication water, coal	of all fre
Sand/Shale Sand Shale Sand Shale Sand Shale Sand Shale Sand Shale Big Lime Big Lime Big Injun Squaw Siltstone/Shale Sunbury Shale Berea Shale		0 589 624 653 727 783 829 975 1015 1048 1146 1232 1273 1340 1696 1715	589 624 653 727 783 829 975 1015 1048 1146 1232 1273 1340 1696 1715 1723			2.
Berea Shale Shale Siltstone Shale Siltstone Shale Siltstone Shale Siltstone Shale TD	18	1723 1800 1846 2010 2095 2922 2960 4375	1800 1846 2010 2095 2922 2960 4375	•		
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						,

(Attach separate sheets as necessary)

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OIL & GAS DIVISION STATE OF WEST VIRGINIA

DEPT. OF MINE DEPARTMENT OF MINES, OIL AND GAS DIVISION

WELL OPERATOR'S REPORT
OF
INITIAL GAS-OIL RATIO TEST

Address	444 Petro	oleum Comm	erce Bu	lding	Ad		Petroleum 3000 North Ga	rfield Street	
		nio, Texas			na.		Suite 210		
							Midland, Texa		
LOGICAL TARC	ET FORMATI	ON: Devon	ian Shal	.e			Depth	3,494	feet
				Per	foration	Inter	val _3,494' -	4,096'	feet
DELINEC FOR	MD CM TN C								
DELINES FOR									
2- A 24 ho 3- Uniform 4- Measure	our preflow n producing ement stand	vented or j into pipel rate durin ards as for 36 for each	ines or ag the 24	-39 "Rona	nt of Ans	naia 7 Da	od roduction" (<u>see</u> le completion	Regulation 21	.01)
15				TEST DAT	ГА				
	OF TEST-DATE	TIME 8:00 a.m.	END OF 5-03-	TEST-DATE	TIME		DURATION OF TES	Т	
	PRESSURE	CASING PRES		EPARATOR PRE	8:00 a.		24 hrs.		
Pur	mping	65	55000110710	57			75 F		
OIL FRO		29 bbls.	PRODUCTIO	N DURING TES			ON DURING TEST &	SALINITY	
OIL GRA	VITY	0	PRO	DUCING METHO	D (Flowing	O bb	ng, gas lift, etc	.)	
-	patentinan i in comp. Let alles papers to plu capati representati No e disc sale interpresentation i i in the decid administration of	45.6 • _{AP}	Pu	mping					
				GAS PRODUCT	LON				
	MENT METHOD			GAS PRODUCT	-	POSITIVE	CHOKE		
	GE TAP	PIPE TAP					FLOW PROVER		
ORIFICE	DIAMETER		PIPE D	IAMETER (INS	IDE DIAM.)	NOMI	NAL CHOKE SIZE -	IN.	
DIFFERE	NTIAL PRESSU	RE RANGE	MAX. S	TATIC PRESSU	RE RANGE	PROV	ER & ORIFICE DIAM	IN.	
	NTIAL		STATIC			GAS MEAS	GRAVITY (Air-1.0) URED ESTIM	ATED	
DIFFERE			FLOWING	TEMPERATUR	E	GAS	TEMPERATURE		
.51	VITY (Air-1.	0)						• F	
GAS GRA	VITY (Air-1.)	0)				24 H	OUR COEFFICIENT	F	
GAS GRA		0)				-			
GAS GRA	COEFFICIENT	DAILY WATE		TEST RESU	LTS	-	OUR COEFFICIENT	psia	

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

RECEIVE

DEC 2 9 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 105-1029			Oil or	Ga: Well	
Company Wayman Buckenon	CASING AND	URED IN	LEFT IN WELL	PAC	KEDS
Address	Size				
Farm & Grow fr.	16		and the same of th	Kind of Pag	cker
Well No. 13	13	N Y MARIN XIII I	and seems work to a		
	10				
District Beining & prigounty with	81/4				
Drilling commenced 12-17-82				Depth set_	
Drilling completedTotal depth	5 3/16				
Date shotDepth of shot	2			Perf fap	
Initial open flow/10ths Water inInch	Liners Used				
Open flow after tubing /10ths Merc. in Inch					
VolumeCu. Ft.	CASING CEMEN	TED	_S17.E	_No. ET	Date
Rock pressure lbs hrs.	NAME OF SER	VICE COMPAN	X		
bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED A	\T1	EET	CHES
resh waterfeetfeet	FEET_	INCHE	Si	P.ET	INCHES
alt waterfeetfeet	FEET_	INCHE	SF	EET	INCHES
Prillers' Names Hut # 2					
					-
emarks: 348' of 998" coust	ing Halis	beuten (20mes Ens	8 12-	18.82
1662' of 7" "	/	/	"	12- 280 sks	19-82
12-22-82		25	lo M	1000	
DATE			DI	STRICT WELL II	Nepector

DAIL

01/12/2024

DEPARTMENT OF MINES

U.S. DEPARTMENT OF ENERGY Federal Energy Regulatory Commission

Washington, D.C. 20426

Form Approved OMB No. 1902-0038 (Expires 12/31/84)

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA) (Sections 102, 103, 107 and 108)

GENERAL INSTRUCTIONS

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA.

Complete each appropriate item on the reverse side of this page. The code numbers used in items 4 and 6 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Also enter any additional remarks in the space below. The data reported on this form are not considered to be

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 357-8585.

NGPA (a)	Category Code (b)	SPECIFIC INSTRUCTIONS w for type of determination in item 2. Description	is to have in some if
102	1	New OCS lease (c)	of Sounds from Comment
102	2	- Trett OCS lease	
102	3	New onshore well (2.5 mile test)	to vite when there are the st
102	4	New Onshore well (1000 feet dear	and and the state of the state
102	5	Stariote reservoir	with the state of the state of
103		New reservoir on old OCS lease	Storage and the storage and th
107	0	New Onshore production	regio bas - e-e - co.
107	1	Deep (more than 15 000 face) bid	
107	2	Produced IIIIII (1900)	affect papers of the grant
107	3	ads produced from coal cases	
107	5	das produced from Devosion at 1	
107	6	1. Todde from enhancement and	BAR AL BOST HE ALSO
107	A PART OF THE PART	New tight formation gas	
108	7	Recompletion tight formation and	The state of the s
108	0	ourbber well	
108	1	Stripper well - seasonally affects i	
108	2	Stripper Well - enhanced received	
108	3	Stripper well - temporary pressure buildup	
100	4	Stripper well — protest procedure	

Enter the appropriate information regarding other Purchasers/Contracts.

(Mo, Da, Yr) (a)	Purchaser (b)	Buyer Code
	107	(c)
		In Standard Co.

Applicant is an interstate pipeline company. Its production from the subject well is delivered into its pipeline system and is therefore not subject to a field sales contract. -121 (8-82)

E8PL 01/12/2024

PARTICIPANTS: DATE: DEC 17983	BUYER-SELLER CO
WELL OPERATOR: Consolidated Gas Supply Corp.	004228
FIRST PURCHASER: General System Purchosers	`*
OTHER:	
W. Va. Department of Mines, Oil & Gas Division WELL DETERMINATION FILE NUMBER 830914-107-105=1029 Uso Above File Number on all Communications	
Relating to Determination of this Well	
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING	ting the time and the state of
1. FERC -121 Items not completed - Line No. 7.0 + 8.0	
2. IV-1 Agent L. J. Timms Jr.	
3. IV-2 Well Permit	
4. IV-6 Well Plat ✓	
5. 1V-35 Well Record	ng
6. IV-36 Gas-Oil Test: Gas Only Was Oil Produced?	Ratio
7. IV-39 Annual Production years	
8. IV-40 90 day Production Days off line:	
9. IV-48 Application for certification. Complete?	
10-17. 1V Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? A	
Structure Map 1: 4000 Map Well T	
(5) Date commenced: 12-17 -82 Date completed 12-22-82 Deep	anad
(5) Production Depth: 2652 - 4096	
(5) Production Formation: Devonian Shale	
(5) Final Open Flow:	
(5) After Frac. R. P.	
(6) Other Gas Test:	
(7) Avg. Daily Gas from Annual Production:	
(8) Avg. Daily Gas from 90-day ending w/1-120 days	
(8) Line Pressure:	2510 6 0.120
(5) Oil Production: From Completion Report	Tio from Daily Re
10-17. Does lease inventory indicate enhanced recovery being done)
Notarized?	
oes official well record with the Department confirm the submitted informat	01/12/2024 _
Additional information Does computer program confirm?	-yes
Tas Determination Objected toBy Whom?	-
	76

STATE OF WEST VIRGINIA Operator's DEPARTMENT OF MINES, OIL AND GAS DIVISION Well No. 12875 API Well Mc, 47 105 State County 01029 Permit STATE APPLICATION FOR WELL CLASSIFICATION Provious Filo No. N/A (If Applicable) WELL OPERATOR Consolidated Gas Supply Corp. DESIGNATED AGENT L. J. Timms, Jr. ADDRESS 445 West Main Street ADDRESS 445 West Main Street Clarksburg, West Virginia 26301 Clarksburg, West Virginia 26301 Gas Purchase Contract No. N A and Date (Month, day and year) Meter Chart Code Name of First Purchaser None; gas is delivered into applicant's pipeline system (Street or P. O. Box) (State) (Zip Code) (City) 04228 FERC Buyer Code 04228 FERC Seller Code TYPE OF DETERMINATION BEING SOUGHT: Initial determination (See FERC Form 121.) Section of NPGA Category Code [] (2) Determination that increased production is the result of enhanced recovery technology.) (3) Determination of a seasonally affected well. Thomas E. Huzzey Manager This filing is made on behalf of all Name (Print) Mona Joint Partners where Consolidated is Signature operator; and where Joint Partners, as 445 West Main Street operator, have delegated authority to Street or P. O. Box Consolidated to file on their behalf. Clarksburg, WV (Zip Code) (304)623-8000 Area Code Phone Number (Certificate of Proof of Service to Purchaser) CERTIFICATE OF SERVICE This will certify that Applicant has served a complete copy of this document and attachments thereto, if any, including FERC Form 121, properly addressed and with postage prepaid upon the identified purchaser, if any, of the natural gas which is the subject of this application. (All of the above to be completed by the Operator/Applicant) (To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known). The Department of Mines has received a request, [] for certification of the above described under the Natural Gas Policy Act of 1978. well as meeting the requirements of Section (NGPA); [] or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA); [] or for determination of a seasonally affected well under Section 108 of (NGPA). be heard, there will be a public hearing, if requested, or if objection is filed. This Application is assigned File No. Initial review of information submitted indicates the well [] is, [] is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard. Unless objections are timely filed or a request for a hearing is made within fifteen 015/12/2024 a hearing will not be held except on ex parte motion of the department and the matter will go to determination. WEST VIRGINIA DEPARTMENT OF SEP 141983 Director Date Received By Title Jurisdictional Agency

Date Sept. 9,

STATE OF WEST VIRGINIA

Date September 9, 1983

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's Well No. 12875

API Well No.

47 - 105 - 01029 State County Permit

WELL CLASSIFICATION FORM

HIGH COST GAS WELL	- DEVONIAN SHALE		
NGPA Sect	ion 107		
This filing is made on behalf of all Joint Partners where Consolidated is	DESIGNATED AGENT L. J. Timms, Jr.		
operator; and where Joint Partners, as	ADDRESS 445 West Main Street		
operator, have delegated authority to Consolidated to file on their behalf.	Clarksburg, WV 26301		
Consolidated to the on their beneza	LOCATION Elevation 1047.50'		
WELL OPERATOR Consolidated Gas Supply Corp.	Watershed Burning Springs		
ADDRESS 445 West Main Street	Dist. Springs County Wirt Quad. Girta (7.5		
Clarksburg, WV 26301	Gas Purchase Not Applicable Contract No		
.GAS PURCHASER None; Gas is delivered into	Meter Chart Code Not Applicable		
ADDRESS applicant's interstate pipeline system	Date of Contract Not Applicable		
Date surface drilling began: 12/17/82 Indicate the bottom hole pressure of the w			
	SHP=P ₁ + P ₁ (_e GL / 53.34 T - ₁)		
AFF	IDAVIT		
described in subparagraph (3)(i) or (3)(ii report described in subparagraph (3)(ii)(B of potentially disqualifying non-shale for percent of the gross Devonian age interval	e of the producing interval which is not index of less than 0.7 if a Gamma Ray log)(A) has been filed, or as indicated by the); I have demonstrated that the percentage		

STATE OF WEST VIRGINIA

qualifies as a high-cost natural gas well.

COUNTY OF HARRISON , TO-WIT:
I, Roxann Shuttleworth , a Notary Public in and for the state and county
aforesaid, do certify that Thomas E. Huzzey, whose name is signed to the writing above, bearing date the 9 day of September, 19 83, has
acknowledged the same before me, in my county aforesaid.
Given under my hand and official seal this 9 day of September , 1983 .
My term of office expires on the 31 day of July , 19 88 .

(NOTARIAL SEAL)

Notary Public

Thomas E. Huggy

ATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE MATURAL GAS POLICY ACT

Wayman W. Buchanan .

Agent: L. J. Timms, Jr.

	Type Determination being sought - 107 (Devonian Shale)
	API Well No.: 47-105-01029 Well Name: George C. Grow #13 (128)
	West Virginia Office of Oil and Gas County: Wirt References: SJA File No. This filing is made on bolicitor at
	Vol. Page Line Joint Partners where Consolidated to operator; and where Joint Partners, as operator, have delegated authority to
	I. NOTE: A Gamma Ray Log has been marked with the (a) Shale Base Line, (b) a line representing 0.7 x (Shale Base Line), (c) intervals with Gamma Ray units less than 0.7 x (Shale Base Line) and that log is included with this analysis.
	II. Gamma Ray elevation indices:
	A. Shale Base Line (API Units)
-1	1. GR Value at Base Line = Remarks * API Units 2. Remarks: 151 AII @ 1715' 170 AII @ 3654' 5BL & 0.7 (AII Units) 143 AII @ 2562' 152 AII @ 34928' 92 @ 1715' 134 API @ 3180'
C	10-1@ 2954' B. Gamma Ray Log Value at 0.7 x Value at Base Line 106@ 3356' 1. GR Value = * APT Units
	119@3634 2. Calculation: 0.7 (GR Value at Base Line) 106@3928' 0.7 (*) = API Units
	III. Intervals with GR index less than 0.7 x (Value at Base Line):
	Interval Thickness Feet of less than* of Interval 0.7 (Shale Base Line) Feet Feet
	1715' 2560' 845' Feet 4'
	2560' 2954' 394' 2' 2954' 326' 326'
	2954' 3180' 226'
	3180' 3356' 176'
	- 3356' 3634' 278'
	3634' 3928' 294'
	3928' 4378' 450'
	Total Devonial Interval 2663'
	Total Less Than 0.7 (Shale Base)
	% Less Than 0.7 (Shale Base Line) = 0.00025 x 100 = 0.225%

01/12/2024

*Marked on log included with analysis.

**Top of Devonian Section Recorded on First Interval in this Column.

***Lesser of TD or Tottom of Devonian Section Recorded as last Interval
in this Column.

Form Approved
OMB No. 1902-0038

(Expires 12/31/84)

U.S. DEPARTMENT OF ENERGY Federal Energy Regulatory Commission Washington, D.C. 20426

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA) (Sections 102, 103, 107 and 108)

GENERAL INSTRUCTIONS

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA.

Complete each appropriate item on the reverse side of this page. The code numbers used in items 4 and 6 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Also enter any additional remarks in the space below. The data reported on this form are not considered to be confidential and will not be treated as such.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 357-8585.

SPECIFIC INSTRUCTIONS

Section of NGPA	Category Code (b)	Description (c)
(a) 102	1	New OCS lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS lease
103	-	New onshore production well
107	0	Deep (more than 15,000 feet) high-cost gas
107	1	Gas produced from geopressured brine
107	2	Gas produced from coal seams
107	3	Gas produced from Devonian shale
107	5	Production enhancement gas
107	6	New tight formation gas
107	7 .	Recompletion tight formation gas
108	0	Stripper well
108	1	Stripper well — seasonally affected
108	2	Stripper well - enhanced recovery
108	3	Stripper well — temporary pressure buildup
108	4	Stripper well - protest procedure

Line No.	Contract Date (Mo, Da, Yr) (a)	Purchaser (b)	Buyer Code
1 .			
2			
3	·		100
4			
5	AND THE RESERVE THE PROPERTY OF THE PARTY OF		
6	and the second s		319345

Applicant is an interstate pipeline company. Its production from the subject well is delivered into its pipeline system and is therefore not subject to a field sales contract.

FERC-121 (8-82)

Remarks:

PARTICI	PANTS: DATE:	NOV 1 6 1983	BUYER-SELLER CODE
		Gas Supply Cor	p. 004228
FIRST	purchaser: Ceneral		•
OTHER		/	
[W W	1500'	Defined	, later , in
W	a. Department of Mines, Oil & Gas Division VELL DETERMINATION FILE NUMBER	The state of the s	les de la serie
83C	0808-103-105-1029	(1)25	APPROVED
1	Above File Number on all Communications elating to Determination of this Well		
	The state of the s	_	DEC 22 1983
TTEM N	,	PLETE OR NOTE WHAT IS M	ISSING
ITEM NO	FERC -121 Items	not completed - Line No	. A11 70 80 hod
2.	IV-1 Agent		, , , , , , , , , , , , , , , , , , , ,
3.	IV-2 Well Permit		
4.	IV-6 Well Plat		
5.	IV-35 Well Record	Drilling /	Deepening
6.	IV-36 Gas-Oil Test: Gas Only		
7.	IV-39 Annual Production	years	
8.	IV-40 90 day Production	Days of	f line:
			te? _/ Affidavit Signed_/
			cal Charts
			Well Tabulations
			22 - 82 Deepened
			96
			hale
	Final Open Flow:		
	After Frac. R. P.		
(6)	Other Gas Test:		
	Avg. Daily Gas from Annual Prod		
(8)	Avg. Daily Gas from 90-day endi	ng w/1-120 days	
(8)	Line Pressure:		PSIG from Daily Repo
	Oil Production:		
10-17.	Does lease inventory indicate e	nhanced recovery being	done NO
	Is affidavit signed?		
	ficial well record with the Depa		,
	nal information		
Was Dete	ermination Objected to	By Whom?	7 B
			/ ()

	Uate August 4 ,1983
STATE OF WEST VIRG	
DEPARTMENT OF MINES, OIL AND	GAS DIVISION Well No. 12875
	API Weil
	No. 47 105 01029
	State County Permit
STATE APPLICATION FOR WELL C	
	(If Applicable)
WELL OPERATORWayman W. Buchanan	DESIGNATED AGENT L. J. Timms, Jr.
ADDRESS 444 Petroleum Commerce Building	ADDRESS 445 West Main Street
San Antonio, Texas 78205	Clarksburg, WV 26301
174	n+a
Gas Purchase Contract No. NA and C	(Month, day and year)
Meter Chart Code NA	
Name of First Purchaser Consolidated Gas Suppl	
445 West Main Street	
(Street or P. 0. Box) Clarksburg, WV	26301
	(Zip Code)
FERC Seller Code	FERC Buyer Code 004228
TYPE OF DETERMINATION BEING SOUGHT:	. 102
[X] (1) Initial determination (See FERC Form 121.	Section of NPGA Category Code
[] (2) Determination that increased production	
recovery technology.	
[] (3) Determination of a seasonally affected we	
	Thomas E. Huzzey Manager Name (Print) Title
	Momas E. Auney
This filing is made on behalf of all	Signature
Joint Partners where Consolidated is	445 West Main Street
operator, and where Joint Partners, as	Street or P. O. Box Clarksburg, WV 26301
operator, have delegated authority to	City State (Zip Code)
Consolidated to file on their behalf.	(304) 623-8000
10 1111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Area Code Phone Number
(Certificate of Proof of Service to Purchaser) CERTIFICATE OF SEI	RVICE
This will certify that Applicant has served a co	omplete copy of this document and attachments
thereto, if any, including FERC Form 121, properly identified purchaser, if any, of the natural gas wh	addressed and with postage prepaid upon the
(All of the above to be completed by the Operator/A	
(All of the above to be completed by the operatory)	
(To be completed by Jurisdictional Agency. Execute purchaser, if known).	d copy to be returned to Operator/Applicant and
The Department of Mines has received a request well as meeting the requirements of Section	, [] for certification of the above described
(NGPA); [] or for determination that increased	production is the result of enhanced recovery
technology under Section 108 of (NGPA); [] or for	determination of a seasonally affected well under
Section 108 of (NGPA).	
All interested parties are hereby notified tha	t on theday of, 19, at
the office of the Oil and Gas Division in Charlesto be heard, there will be a public hearing, if reques	
be heard, there will be a public healing, it reques	red, of 11 objection is irred.
This Application is assigned File No.	·
Initial review of information submitted indica	ites the well [] is, [] is not entitled to
certification as claimed under the Natural Gas Poli	cy Act (NGPA). A review of this evidence and any
additional evidence will be made at the time appoin	ted for a public hearing or as soon thereafter as
the matter may be heard.	
Unless objections are timely filed or a reques	it for a hearing is made within fifteen (15) days,
a hearing will not be held except on ex parte motio	on of the department and the matter wi $01/622024$
determination.	WEST VIRGINIA DEPARTMENT OF MINES
	PA OP
	The financian
AUG 8 1983	Director
Date Received By	Ву
Jurisdictional Agency	Title

	F WEST VIRGINIA	Operator's
DEPARTMENT OF MINE	S, OIL AND CAS DIVISION	Well No. 12875
		No. 47 - 105 - 01029
WELL CL	ASSIFICATION FORM	State County Permit
	RE PRODUCTION WELL	
This filing is made on habett MEPA	Section 103	
Control of the contro	DESIGNATED AGENT	L. J. Timms, Jr.
perdicit and where laint D.	ADDRESS	
For droit lidite delegated	ADDRESS	Clarksburg, WV 26301
consolidated to file on their behalf. WELL OPERATOR Wayman W. Buchanan	TOCUETON DE	
ADDRESS 444 Petroleum Commerce Buildin	LOCATION: Elevation	
San Antonio, Texas 78205	Burning Spri	ning Springs
CAS FURCEASERConsolidated Gas Supply C	Dist	Councy Wirt Quad.Girta
ADDRESS 445 West Main Street	Orp. Gas Purchase Contract No.	Not Applicable
Clarksburg, WV 26301	Meter Chert Code	Not Applicable
Clarksburg, WV 20501	Date of Contract	Not Applicable
* * * * * * * *		* * * * * *
Date surface drilling was begun: Decen	mber 17 1000	
2000 - 20	mber 17, 1902	
Indicate the bottom hole pressure of the we	ell and emplain how this w	was calculated:
	n:	(CI / 53 24 T -)
BHP = 394.7	BHF = F ₁ + F ₁	(e GL / 53.34 T -1)
	8	
AFT	IDAVII	
I, Thomas E. Huzzey surface drilling of the well for which this	having been first sworn	according to law state that
1977; the well satisfies applicable state of within a protation unit, in existence at the reservoir from which gas is or will be produin commercial quantities or on which surface was capable of producing gas in commercial the best of my information, knowledge and be is a new onshore production well and that I application which is inconsistent with this	or faderal well spacing re- te time surface drilling be- te drilling began on or af- quantities. I state, fur- belief, that the well for the lam not aware of any info-	quirements and the well is not egan, which was applicable to the any other well producing gas ter February 19, 1977, and which ther, that I have concluded, to which this determination is sought
•	TV.	51/
	Then	nas F. Hugsey
•		
STATE OF WEST VIRGINIA,		
COUNTY OF HARRISON , TO WIT:		
	Notary Public in and for	the state and county aforesaid,
do certify that Thomas E. Huzzey , whose		
the _/ day of August _, 19 83, h		
Given under my hand and offici	ial seal this / day of	August , 19 83.
Given under my hand and offici	the 31 day of July	1988.
,		

August 4 . 1983

FORM IV-54MC [12-78]

[NOTARIAL SEAL]

Oil and Gas Lease

113 44 2131

EDOINGE PAGE 131

Ad	roo	me	nt	

A.D., 19 82 by and between Made and entered into the 15th ay of September

George C. Grow, Jr. and George C. Grow, Inc., a New Jersey Corporation.

626 Shadowlawn Dr.

Westfield, NJ 07090

Wayman W. Buchanan, 444 Petroleum Commerce Building, San Antonio, Texas 78205 parties of the first part hereinafter called Lessor and

1. That for and In consideration of the sum of One Dollar (\$1.00) and other valuable considerations in hand paid by Lessee, the receipt of which is hereby acknowledged, and of covenants and agreements hereinafter contained, Lessor does hereby grant, demise, lease, and let onto Lessee for its exclusive possession and use for the purpose of (a) exploring. apecting, drilling, operating for and producing oil and gas, including casinghead gas and casinghead gasoline condensate, (b) saving, treating, transporting and caring for said product removing therefrom, and from lands operated therewith, brine and other refuse and injecting the same, gas, and any other substances into the subsurface thereof, (d) exercising all ri and privileges hereinafter granted to Lessee, (e) constructing, operating and maintaining thereon all structures and facilities necessary or convenient for any and all said purposes ar pooling or unlitzing the same with other lands for such purposes, as hereinafter more fully set out, all that certain tract of land situated in Clay and Burning Spi Districts of Wirt County, and Grant District of Ritchie County, State of West Virginia, and described as follows:

All those certain tracts of land described in Exhibit "B" attached hereto and made a part of this oil and gas lease.

OIL & GAS DIVISION DEPT. OF MIN

DEC 01 1982

and bounded substantially by lands now or formerly owned as follows:

On the South by

containing 2,337.75 acres, more or less. In addition to the above described land, any and all strings or parcels of land adjoining or contiguous to the above described land and ed or claimed by Lessor are hereby leased to Lessee.

Lessee shall be responsible for any damage to growing crops, fences, and buildings which may result from said operations. No well shall be drilled within 200 feet of any house or now on said premises without consent of Lessor. Lessor agrees that Lessee may enter upon leased premises, search for and clean out any abandoned oil or gas well, and such well then be considered to have been drilled under the terms of this lease. The same may be properly plugged and abandoned again or refitted and utilized by Lessee for the production of g oil. Lessor shall allow Lessee reasonable easements for roadways or pipelines on or across lands herein leased for operations conducted on other lands operated by Lessee.

- 2. Lessor hereby warrants and agrees to defend the title to said land and agrees that Lessee, at its option, may discharge any tax, mortgage or other lien upon said land, either in who In part, and if Lessee does so, it shall be subrogated to such lien with right to enforce same and apply rentals and royalties accruing hereunder toward satisfying same. When require state, federal or other law, Lessee may withhold taxes with respect to rental, royalty and other payments hereunder and remit the amounts withheld to the applicable taxing authority for
- credit of Lessor.

 five

 3. It is agreed that this lease shall remain in force for the term of Man years from the above date, (hereinafter called the primary term), and as long thereafter as the above described lar as oll or gas is being withdrawn from the premises by Lessee, or as long as this lease is extended by any other provisions contained herein.
- 5 The royaltles reserved by Lessor, and which shall be paid by Lessee, are: (a) on oil (including but not limited to distillate and condensate) one-eighth (1/8) of that produced and from the leased premises, the same to be delivered at the wells or to the credit of Lessorin the pipeline to which the wells may be connected, provided, however, Lessee may from the leased premises, the same to be delivered at the wells or to the credit of Lessorin the pipeline to which the wells may be connected, provided, however, Lessee may from the leased premises. time purchase such royalty oil, paying therefor the current market price at the wells in the field or area for oil (crude) having the same or nearest to the same gravity; (b) on gas, inc casinghead gas and all other gaseous or vaporous substances, produced from said land and sold or used off the leased premises, the market value at the wells of one-pighth (1/8) of t so sold or used, such market value at the wells in no event to exceed the net proceeds received by Lessee calculated or allocated back to the wells from which produced, making allo and deduction for a fair and reasonable charge for gathering, compressing and making merchantable such gas, provided, that on gas sold at the wells, the royalty shall be one eighth the net proceeds received by Lessee from such sale, after such allowance and deduction, and provided further that, if any such sale of gas is regulated as to price by any govern agency having jurisdiction, such market value or net proceeds shall in no event exceed the amount received by Lessee, not subject to refund, calculated or allocated back to the well which produced, making allowance and deduction of a fair and reasonable charge for gathering, compressing and making merchantable such gas and which amount may be furn Justed up or down prospectively or retrospectively when the price or rate authorized by such governmental agency is finally determined. During any period (whether before or after exp of the primary term hereof) where there is a gas well on the leased premises or on a unit that includes all or a part of the leased premises, however designated, capable of producing paying quantities and gas is not being sold or used and the well or wells are shut-in for a period of one year and there is no current production of oil or gas or operations on said premises or any portion or stratum thereof sufficient to keep this lease in force, Lessee shall be obligated to pay or tender as shut-in royalty an amount (which shall be the same and s paid regardless of the number of shut-in wells and regardless of whether the shut-in well or wells be located upon said leased premises or upon such other acreage as is embraced unit) equal to the delay rental as provided herein, payable annually at the end of twelve months from date such well is shut in and while said royalty is so paid or tendered this lease s held as a producing property under the provisions of this lease. The amount of each such payment or tender may be paid by check or draft of Lessee in the same manner as providing the provision of this lease. Paragraph Seven (7) hereof, and such payments may be made beyond the primary term. Lessee shall use reasonable dilligence to market gas capable of being produced from such well or wells but shall be under no obligation to market such gas under terms, conditions, or circumstances which, in Lessee's judgment exercised in good faith, are unsatisfactory.
- shall have free use of oil, distillate, condensate, gas, and water from the leased premises for all operations hereunder.

 ninety

 6. Lessee agrees to commence drilling operations on said premises on or before 的技术 tays from the execution of this lease o 1/4/4 2/5/2024 tay rental at the tar acre per year. Said delay rental shall be payable each six months thereafter during the primary term hereof until drilling operations are comme the leased premises, or on acreage pooled therewith as above provided or until this lease is surrendered. If operations for drilling are commenced on the leased premises, or on pooled therewith as above provided, before the end of the term for which delay rentals have been made to Lessor, the unaccrued portion of said payment shall be credited to Lesso delay tentals or royarties that may be due Lessor. Drilling operations shall be deemed to be commenced when the first material is placed on the leased premises or when the first other than enveying or staking the location, is done thereon which is necessary for such operations.
- 7. Failure to pay or error in paying any rental or other payment due hereunder shall not constitue a ground for forfeiture of this lease and shall not affect Lessee's obligation to m payment, but Lessee shall not be considered in default on account thereof until Lessor has first given Lessee written notice of the non payment and Lessee shall have felled for a sisty (60) clays after receipt of such notice to make payment. Payment or tender of rental or other payment hereunder may be made by check or draft of Lessee delivered or mall sulturitied (represtury bank or Lessor (at address last known to Lessoe) on or before such date for payment, and the payment or tender will be deemed made when the check or c stell seed or malled. If said remed or successor bank (or any other bank which may, as hereinalist provided have been designated as depository) should fall or liquidate or for a refuse or fall to accept rental, Lessee shall not be held in default for failure to make such payment or tender until sixty (60) days after Lessor shall deliver to Lessee a proper reco atroment naming another bank to receive such payments or tenders. The above named or successor bank or any other bank which may be designated as deposition, shall be tiese.

Anda

IV-9 (Rev 8-81)



APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)

1.0 API well number: (If not assigned, leave blank. 14 digits.)		47 -	105 - 010	29 -		
2.0 Type of determination being sought:	Transfer de				(e. s.	
(Use the codes found on the front of this form.)	1	Section	107	2 Category	Code	٨
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)			40961	fee	and the second s	
4.0 Name, address and code number of applicant: (35 letters per line	Cons	olidated Gas	Supply Cor	oration	n	004228
maximum. If code number not available, leave blank.)	-	West Main Str				Seller Co
	Street	ksburg		wv	26301	
5.0 Location of this well: (Complete (a)	City			State	Zip Code	_
or (b).] (a) For onshore wells (35 letters maximum for field name.) (b) For OCS wells:	Burn Field Nam Wirt County		THE RESERVE OF THE PERSON OF T	WV State		
Partners where Consolidated is or; and where Joint Partners, as or, have delegated authority to idated to file on their behalf.	Area Name	Date (of Lease:	OCS Le	Block Number	er .
(c) Name and identification number of this well: (35-letters and digits			Ho the dec. The			
maximum:)	Georg	e C. Grow, Jr	. Grow #13	128	75	
	Georg	e C. Grow, Jr	r. Grow #13	128	\$75	
maximum.) (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) 6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not		e C. Grow, Jr	12.508	128	? 775	004228 Buyer Coc
maximum:) (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) 6.0 (a) Name and code number of the purchaser: (35 letters and digits	Gene		12.508		£75	004228 Buyer Coo
maximum.) (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) 5.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Gene		rchasers		Million Cubic	Buyer Coo
maximum.) (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) 6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) (b) Date of the contract:	Gene		rchasers Mo. Da	y Yr.	Million Cubic	Buyer Coc
maximum.) (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) 6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) (b) Date of the contract:	Gene		rchasers	y Yr.	Million Cubic	Buyer Coo
maximum.) (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) 5.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) (b) Date of the contract: (c) Estimated total annual production from the well: 7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	Gene	ral System Pu	rchasers Mo. Da	y Yr.	Million Cubic) All Other ices [Indicate	Buyer Cod
maximum.) (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) 3.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) (b) Date of the contract: (c) Estimated total annual production from the well: 7.0 Contract price: (As of filing date. Complete to 3 decimal places.) 8.0 Maximum lawful rate: (As of filing date. Complete to 3	Gene	ral System Pu	rchasers Mo. Da	y Yr.	Million Cubic All Other ices [Indicate) or (-).]	Buyer Cod
maximum.) (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) 3.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) (b) Date of the contract: (c) Estimated total annual production from the well: 7.0 Contract price: (As of filing date. Complete to 3 decimal places.) 8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.) 9.0 Person responsible for this application:	General Name S/MMBTU S/MMBTU Tho	ral System Pu	rchasers Mo. Da (b) Tax	y Yr.	Million Cubic All Other ices [Indicate -) or (-).]	Buyer Cod Feet (d) Total of (b) and (c)
maximum.) (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) 5.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) (b) Date of the contract: (c) Estimated total annual production from the well: 7.0 Contract price: (As of filing date. Complete to 3 decimal places.) 8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	Genes Name IS/MMBTU IS/MMBTU Tho Name	ral System Pu (a) Base Price mas E. Huzzey	rchasers Mo. Da (b) Tax	y Yr.	Million Cubic All Other ices [Indicate -) or (-).]	Buyer Cod Feat (d) Total of (b) and (c)

U.S. DEPARTMENT OF ENERGY Federal Energy Regulatory Commission Washington, D.C. 20426

Form Approved OMB No. 1902-0038 (Expires 12/31/84)

137/1

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA) (Sections 102, 103, 107 and 108)

GENERAL INSTRUCTIONS

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA.

Complete each appropriate item on the reverse side of this page. The code numbers used in items 4 and 6 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Also enter any additional remarks in the space below. The data reported on this form are not considered to be

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 357-8585.

Section of NGPA	Category	SPECIFIC INSTRUCTIONS w for type of determination in item 2.	
(a)	Code (b)	Description	in the thought the states of an
102	1	New OCS In-	of Soundstone Commence of the
102	2	item ocs lease	
102	3	New onshore well (2.5 mile test)	Secretary and the second
102	4	New Onshore well (1000 feet	the wife within borry the second
102	5	TOTE TESETVOIP	which will no hear and
103	-	New reservoir on old Occ I	- 665 Table 1983 (1983)
107	0	THEW ONSHOPE DECEMBER	
107	1	The line than 15 000	
107		Gas produced from geopressured brine	and the same of th
107	2		
107	3	Gas produced from Devonian shale	
107	5		
107	6	New tight formation gas	
108	7	Recompletion das	
108	0	Recompletion tight formation gas Stripper well	
108	1	Stripper well	
08	2	Stripper well — seasonally affected	
08	3	Stripper well — enhanced recovery	
	4	Stripper well - temporary pressure buildup Stripper well - protest procedure	

a appropriate information regarding other Purchasers/Contracts

(Mo, Da, Yr)	garding other Purchasers/Contracts.	
(a)	Purchaser	
	(b)	Buyer Code
		(c)

eant is an interstate pipeline company. t well is delivered into its pipeline system and is therefore Its production from the

2/2024





State of West Birginia

Department of Mines Gil and Gas Division Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT

	July 10, 1984	REFORT				
COMPA		PERMIT NO _	10	5-1029	(1	2-82)
444	Petroleum Commerce Building	FARM & WELL	NO .	George	Grow	#13
San	Antonio, Texas 78205	DIST. & COU	NTY	Burnin	g Spi	ings/Wirt
					1411	
RULE	DESCRIPTION		IN YES	COMPLIAN	CE	
23.06	Notification Prior to Starting Work					
25.04	Prepared before Drilling to Prevent Was	ste				
25.03	High-Pressure Drilling					
16.01	Required Permits at Wellsite					
15.03	Adequate Fresh Water Casing					
15.02	Adequate Coal Casing					
15.01	Adequate Production Casing					
15.04	Adequate Cement Strenght			-		
15.05	Cement Type					
23.02	Maintained Access Roads		V	-		
25.01	Necessary Equipment to Prevent Waste		V	-		
23.04	Reclaimed Drilling Pits		V			
23.05	No Surface or Underground Pollution		V	-		
23.07	Requirements for Production & Gathering	Pipelines -	V	-		
16.01	Well Records on Site		7			
16.02	Well Records Filed					
7.05	Identification Markings	_	V			
I HAVE	INSPECTED THE ABOVE CAPTIONED WELL AND RE	COMMEND THAT	I IT	BE RELEA	SED:	
		SIGNED A	me	1 #1	Down	sherty
		DATE: 4	9/0	010	11	
		DATE	42	0/0	4	
Your we	ell record was received and reclamation re	quirements a	ppro	ved. In	accor	dance
WITH Cr	napter 22, Article 4, Section 2, the above ge for the life of the well.	well will r	emai	n under	bond	
		71	1	14	1	1
		Administrato	r-0i	1 & Gas	Divis	sion
TMS/chm	1	N	oveml	ber 8, 1	984	
		D	ATE			

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)

1.0 API well number: (If not assigned, leave blank, 14 digits.)		47 -	105 - 0102	9 -	
2.0 Type of determination being sought: (Use the codes found on the front of this form.)		Sect	103 ion of NGPA	Category Code	•
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)			409	6 feet	
4.0 Name, address and code number of applicant: (35 letters per line	Co	nsolidated Ga	s Supply Corp	oration	004228
maximum. If code number not available, leave blank.)	Name	.5 West Main S	treet		Seller Code
	Street C1	arksburg	WV		
5.0 Location of this well: (Complete (a)	Lity		36	2p C00	
or (b).] (a) For onshore wells	Field No.		· wv		
(35 letters maximum for field name.)	County		Sta		
filing is made on behalf of all					
t Portrors where Consolidated is rator; and where Joint Partners, a	71 00 140	me		Block Num	ber
rator, have delegated authority to solidated to file on their behalf.		Date Mo.	of Lease:	OCS Lease Number	
of this well: (35 letters and digits maximum.)	Georg	ge C. Grow #1	3	12875	
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)					
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not	Ger	neral System P	urchasers .	· ·	004228
available, leave blank.)	Name				Buyer Code
(b) Date of the contract:			Mo. Day	Yr.	
(c) Estimated total annual production from the well:				Million Cubi	c F se t
		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a) (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimel places.)	I I S/MMBTU				
(As of filing date. Complete to 3 decimal places.)	I S/MMBTU	2803			
9.0 Person responsible for this application:	Thor	nas E. Huzzey		Manag	ger
	1	0	7 1/	Title G	as Procureme
Agency Use Only Date Received by Juris, Agency ALIG 8 1983	Naroe	emas &	Hurrey	1	

U.S. DEPARTMENT OF ENERGY Federal Energy Regulatory Commission Washington, D.C. 20426

Form Approved OMB No. 1902-0038 (Expires 12/31/84)

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA) (Sections 102, 103, 107 and 108)

GENERAL INSTRUCTIONS

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA.

Complete each appropriate item on the reverse side of this page. The code numbers used in items 4 and 6 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Also enter any additional remarks in the space below. The data reported on this form are not considered to be confidential and will not be treated as such.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 357-8585.

SPECIFIC INSTRUCTIONS

Section of NGPA (a)	Category Code (b)	Description (c)	
102	1	New OCS lease	
102	2	New onshore well (2.5 mile test)	
102	3	New onshore well (1000 feet deeper test)	
102	4	New onshore reservoir	
102	5	New reservoir on old OCS lease	
103		New onshore production well	-
107	0	Deep (more than 15,000 feet) high-cost gas	
107	1	Gas produced from geopressured brine	
107	2	Gas produced from coal seams	
107	3	Gas produced from Devonian shale	-1
107	5	Production enhancement gas	and the same
107	6	New tight formation gas	
107	7 .	Recompletion tight formation gas	
108	0	Stripper well	-
108	1	Stripper well - seasonally affected	
108	2	Stripper well — enhanced recovery	
108	3	Stripper well - temporary pressure buildup	
108	4	Stripper well - protest procedure	-

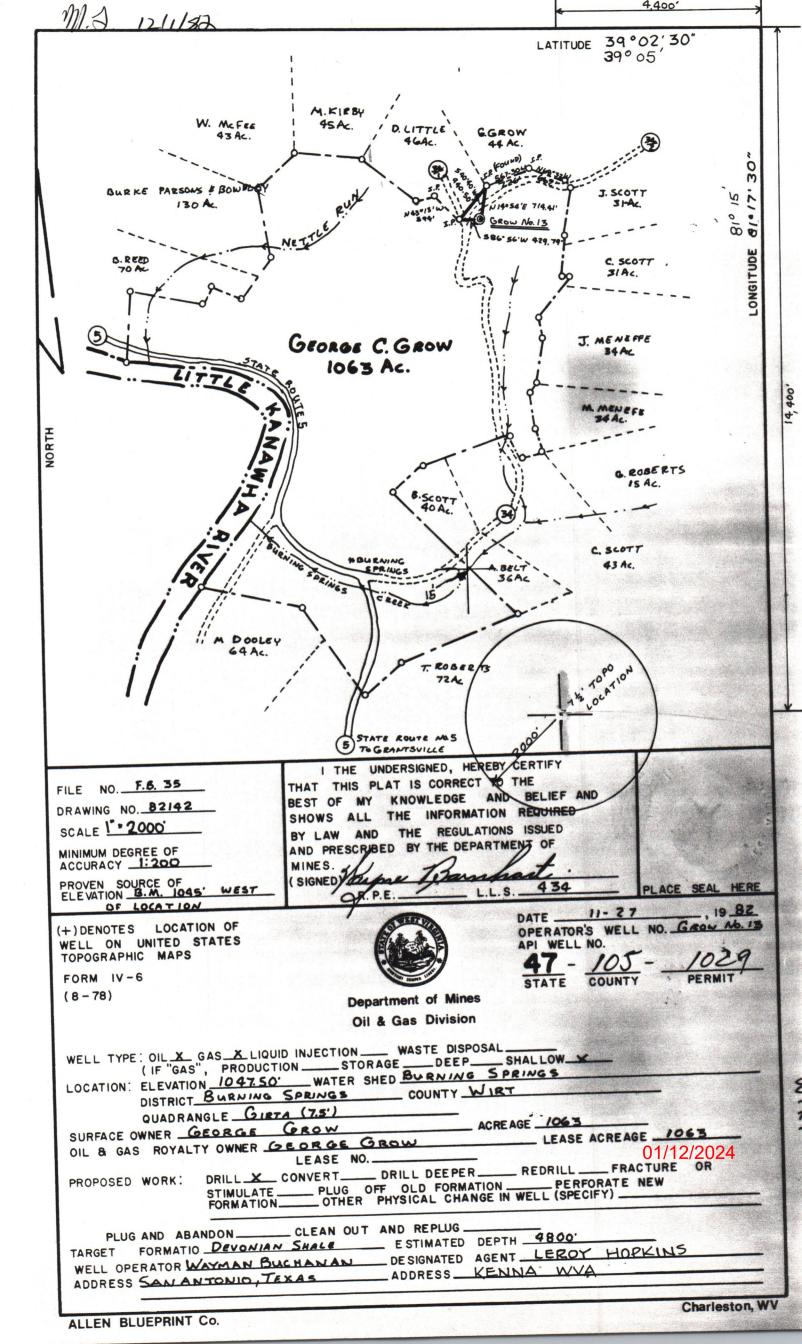
Line No.	(Mo, Da, Yr)	Purchaser	Buyer Code
-	(a)	(b)	(c)
1			
2			
3			
4			
5			
6			

Remarks:

Applicant is an interstate pipeline company. Its production from the subject well is delivered into its pipeline system and is therefore not subject to a field sales contract. 01/12/2024

80	03	p. 1.6			7	7	89	18	6	6	6	6	6	.3	13	
DITUGOCAG	RECONOTING		DB 90/273 DB 89/350	DB 90/273 DB 89/350	DB 86/467	DB 86/467	DB 162/968	DB 163/418	DB 109/99	DB 109/99	DB 109/99	DB 109/99	DB 109/99	DB 90/273	DB 90/273	
	DATE		11/30/1938	11/30/1938 11/10/1937	7/31/1936	7/31/1936.	8/17/1981	1/9/1982	6/5/1951	6/5/1951	6/5/1951	6/5/1951	6/5/1951	11/30/1938	11/30/1938	
	ACREAGE	TRGINIA	1,129 by deed	2	6	8-3/4	46-3/4	20	6	3%	15	2		, (4	7-3/4	
EXHIBIT B	DESCRIPTIVE NAME	BURNING SPRINGS DISTRICT, WIRT COUNTY, WEST VIRGINIA	Rathbone Oil Tract	W.H.H. Wheaton Lot	Minam & Roberts Tract	-	: 101	1)	יייייייייייייייייייייייייייייייייייייי	Gracy Tract	Wheaton Lot	2	Wetzel Hace	Werzel Hack	Werzel Irace	Rathbone Lot # 1
	GRANTEE	BURNING SPRINGS	George C. Grow et al	George C. Grow et al		George C. Grow	Grow	George C. Grow, Inc.	George C. Grow, Inc.	5 0		George C. Grow	George C. Grow	George C. Grow	George C. Grow et al	George C. Grow et al
8	GRANTOR		Imis Roberts, et al.	et al		O. E. Grow	O. E. Grow	Mildred Kirby, et al.	Elizabeth Teeter Phillips	L. E. Shuck	L. E. Shuck	L. E. Shuck	L. E. Shuck	L. E. Shuck O	Louis Roberts, egal.	Louis Roberts, ecoal.

GEORGE (C. GROW, JR.



or was the production thereof should cease from any cause, this lease shall not ferm within ninety (90) days thereafter or If it be within the primary term, commences or resu mes the payment or tender of delay rentals or commences operation for drilling, deepening p ing after the expiration of ninety (90) days from date of completion of dry hole or cessation of production. If at a subsequent to ninety (90) days prior to the beginning of the last year of the primary term and prior to the discovery and production of oil or gas on the leased premises or on acreage therewith, Lessee should drill a dry hole thereon, no delay rental payment or operations are necessary in order to keep the lease in force during the remainder of the primary term expiration of the primary term, oil or gas is not being produced on the leased premises or on acreage pooled therewith, but Lessee is then engaged in drilling, deepening, plugging reworking operations thereon or shall have completed a dry hole thereon within ninety (90) days prior to the end of the primary term, the lease shall remain in force so long as operations said well or for drilling, deepening, plugging back, or reworking of any additional well are prosecuted with no cessation of more than ninety (90) consecutive days and, if they resu production of oil or gas, so long thereafter as oil or gas is produced from the leased premises, or on acreage pooled therewith. 9. Lessee, at any time, and from time to time, may surrender this lease as to all or any part or parts of leased premises by tendering an appropriate instrument of surrender to the or file for record a release or releases of this lease as to any part or all of said land or of any mineral or horizon thereunder, and thereupon this lease, and the rights and obligations of ties hereunder, shall terminate as to the part or parts so surrendered. Upon each surrender as to any part or parts of leased premises the rental and all other payments specified about be proportionately reduced on an acreage basis and Lessee shall have reasonable easements for then existing pipelines or roadways on the lands surrendered for the purpose of co operations on the lands retained. Lessee shall have the right at any time during or after the expiration of this lease to remove all machinery, pipelines, fixtures, buildings, or other stores. placed on said premises, including the right to pull and remove all casing. 10. Without impairment of Lessee's rights under the warranty in event of failure of title, it is agreed that if Lessor owns an interest in the oil or gas on, in or under any part of the premises less than the entire fee simple estate (whether Lessor's interest is herein specified or not and whether or not this lease purports to cover a whole or a fractional interest), royalties and delay rentals to be paid Lessor shall be reduced in the proportion that his interest bears to the whole and undivided fee and in accordance with the nature of the which Lessor is seized. Said Lessee shall not be required in any event to increase the delay rental or the gas or oil royalty payments hereunder by reason of any royalty or interest in or gas that may have been heretofore sold, reserved or conveyed by said Lessor or by his predecessors in title or otherwise, and if the Lessor does not have title to all the oil and g leased premises, there shall be refunded such part of all payments made by the Lessee hereunder as shall be proportionate to the outstanding title, and all payments and thereafter to be made shall be reduced in the same proportion. 11. In case of notice of, or an adverse claim to the premises, affecting all or any part of the delay rentals or royalties, Lessee may withhold payment or delivery of the same ownership is determined by compromise, or by final decree of a court of competent jurisdiction, and to this end Lessee may file a petition for interpleader. 12. The rights of either party hereunder may be assigned in whole or in part; but no change or division in ownership of the leased premises, delay rentals or royalties or in the state party, however accomplished, shall operate to enlarge the obligations or diminish the rights of Lessee. No change in such ownership or status shall be binding on Lessee until t days after Lessee shall have been furnished by U.S. Mall at Lessee's principal place of business with a certified copy of recorded instrument or instruments evidencing same. In the assignment hereof in whole or in part, liability for breach of any obligation hereunder shall rest exclusively upon the owner of this lease or of a portion thereof who commits such b the event of the death of any person entitled to any sum hereunder, Lessee may pay or tender the same to the credit of the deceased or the estate of the deceased until such time a is furnished with proper evidence of the appointment and qualification of an executor or administrator of the estate or if there be none, evidence satisfactory to it as to the heirs or of the deceased and that all debts of the estate have been paid. If at any time two or more parties are entitled to or adversely claim any sum payable hereunder, or any part thereo may pay or lander the same either jointly to such parties or separately or to each in accordance with his respective ownership thereof. In event of assignment of this lease as to a se portion of the leased premises, the delay rentals and shut-in royalties payable hereunder shall be apportionable as between the several leasehold owners ratably according to the area of each, and the fallure to pay delay rentals or shut-in royalties on the one segregated portion of the leased premises shall not affect the rights hereunder of the party holding segregated portion hereunder. If six or more parties become entitled to royalty hereunder, Lessee may withhold payment thereof unless and until furnished with a recordable instru ecuted by all such parties designating an agent to receive payment for all. 13. The breach by Lessee of any obligation arising hereunder shall not work a forfeiture or termination of this lease nor cause a termination or reversion of the estate hereby grounds for cancellation hereof in whole or in part. In the event Lessor considers that operations are not at any time being conducted in compliance with this Lease, Lessor sh Lessee in writing of the facts relied upon as constituting a breach hereof and Lessee, If in default, shall have 60 days after receipt of such notice in which to commence the compliance to the compliance of the facts relied upon as constituting a breach hereof and Lessee, If in default, shall have 60 days after receipt of such notice in which to commence the compliance of the facts relied upon as constituting a breach hereof and Lessee, If in default, shall have 60 days after receipt of such notice in which to commence the compliance of the facts relied upon as constituting a breach hereof and Lessee, If in default, shall have 60 days after receipt of such notice in which to commence the compliance of the facts relied upon as constituting a breach hereof and Lessee, If in default, shall have 60 days after receipt of such notice in which to commence the compliance of the facts relied upon as constituting a breach hereof and Lessee, If in default, shall have 60 days after receipt of such notice in which to commence the compliance of the facts receipt of the facts relied upon as constituting a breach hereof and Lessee, If in default, shall have 60 days after receipt of such notice in which the facts relied upon as constitution of the facts relied upon a second receipt of the facts receipt of the facts relied upon a second receipt of the facts relied upon a second relied upon a second receipt of the facts relied upon a second relied upon a second receipt of the facts relied upon a second relied upon a second receipt of the facts relied upon a second relied upon a second receipt of the facts relied upon a second relied upon a second receipt of the facts relied upon a second relied upon a second receipt of the facts relied upon a second relied upon a second receipt of the facts relied upon a second relied upon a second receipt of the facts relied upon a second relied upon the obligations imposed by virtue of this instrument. 14. Lessor shall be entitled, at his sole risk and expense, to 200,000 cubic feet of gas per annum free of cost for use in one domestic dwelling from one producing gas well premises, providing that sald well has sufficient pressure for such use. Lessor agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessee shall not be h for any accident or damage caused by Lessor's said use of gas, nor shall Lessee be liable for any shortage or fallure in supply of gas for said domestic use. 15. Lessor hereby expressly relinquishes dower and releases and waives all rights under and by virtue of the homestead exemption laws of the state wherein premises are situate as the same in any way may affect the purpose for which this lease is made. 16. Should any one or more of the parties named herein as Lessor fall to execute this lease, it shall nevertheless be binding on the party or parties executing the same and addit ties may execute this lease as Lessor, and this lease shall be binding on each party executing the same notwithstanding that such party is not named herein as Lessor; and all of sions of this lease shall inure to the benefit of and be binding on the parties hereto and their respective heirs, legal representatives, successors and assigns, and successive succe assigns. 17. Lessee's obligations under this lease, whether express or implied, shall be subject to all applicable laws, rules, regulations and orders of any governmental author Jurisdiction, including restrictions on the drilling and production of wells and the price of oil, gas and other substances covered hereby. When drilling, reworking, production or ot tions are prevented or delayed by such laws, rules, regulations or orders, or by inability to obtain equipment, services, material, water, electricity, fuel, access or easements, or by war, rebellion, insurrection, riot, strike or labor disputes, or by inability to obtain a satisfactory market for production or fallure of purchasers or carriers to take or transport such p or by other cause not reasonably within Lessee's control, this lease shall not terminate because of such prevention or delay, and, at Lessee's option, the period of such preventic shall be added to the term hereof.

18 through 24, inclusive - See Attachment "A" IN WITNESS WHEREOF, this WITNESS This Document Prepared by: INC., GEORGE GROW, Fred D. Clark CLARK & THOMPSON, L.C. Suite 612, Peoples Bldg. WV Charleston, 25301 TERSELY UNION STATE OF CATANZARO GROW JR. GEORGE C. personally known to me to be the same person___whose name 15 subscribed to the foregoing instrument, appeared before me this day in person, and ac to me to be the same person____whose name 13 subscribed to the uses and purposes therein set forth, and desired the same signed, sealed and delivered the said instrument as 4/5 free and voluntary act, for the uses and purposes therein set forth, and desired the same that

CLARK & THOMPSON, L.C.

Suite 612, Peoples Bldg.
Charleston, WV 25301

COUNTY OF UNION STATE OF NEW JERSEY

L. GARBARA H. CATANZARO

L. GARBARA H. CATANZARO

Personally known to me to be the same person whose name 15 subscribed to the foregoing instrument, appeared before me this day in person, and act that he signed, sealed and delivered the said instrument as 4/5 free and voluntary act, for the uses and purposes therein set forth, and destreaghte same to be such.

Given under my nand and Seal, this 2/5 day of SEPTEMBERAD. 19 82

BARBARA H. CATANZARO

NOTARY PUBLIC OF NEW JERSEY.

My Commission Expires Mar. 7, 1986

O1/12/2024

COUNTY OF UNION STATE OF NEW JERSEY.

My Commission Expires Mar. 7, 1986

COUNTY OF UNION STATE OF NEW JERSEY.

COUNT

ATTACHMENT "A"

43-43

- 18. LESSOR hereby excepts and reserves all formations from the surface of the herein leased premises to the top of the Big Lime formation.
- 19. In addition to the one-eighth (1/8) royalty interest reserved by LESSOR in paragraph 5, herein, LESSOR reserves an additional one-thirty second (1/32) royalty interest, so that wherever in paragraph 5, herein, the term "one-eighth, (1/8)" appears, it shall be read as "five-thirty seconds, (5/32)".
- In addition to the royalty interests specified herein, LESSOR shall receive a One-Sixteenth (1/16th) working interest in any well drilled under the terms of this agreement after LESSEE has recouped all drilling and production costs applicable to such well, together with the recoupment by LESSEE of any and all bonus payments paid to LESSOR and all associated acreage costs paid by LESSEE for the total acreage specified herein. Working interest shall be defined as Eighty per cent (80%) of the gross proceeds from any well less One Hundred per cent (100%) of all costs incurred in the drilling and production of said well. working interest herein provided to LESSOR shall be a net profits interest and LESSOR shall not be required to prepay any costs incurred by said working interest. It is agreed that drilling costs for each well shall be considered recouped when all monies spent for the drilling of such well have been recovered by LESSEE or when LESSEE has recovered Three Hundred Ten Thousand Dollars (\$310,000.00) per well, whichever amount is less. In addition, bonus payments and all associated acreage costs shall be recouped at the rate of Thirty-Six Thousand Five Hundred Dollars (\$36,500.00) per well until all such costs are recouped, making the 2004 maximum recoupable cost per well prior to LESSOR receiving the aforesaid working interest Three Hundred Forty-Six Thousand Five Hundred Dollars (\$346,500.00). It is.

1 GEORGE C. GROW, JR.

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expressly understood and agreed that recoupable costs herein defined shall not be recouped from or otherwise affect the prompt and timely payment of any and all royalties herein reserved to LESSOR.

- 21. Each well drilled by LESSEE on the subject acreage will hold One Hundred and Twelve (112) acres thereof by production within the meaning of Paragraph 3, herein, and the location of such acreage around each well shall be determined by the LESSEE in his sole discretion.
- 22. LESSEE agrees to commence drilling operations for the first well on the subject acreage within ninety (90) days after the execution hereof. The parties hereto recognize that the acreage which is the subject of this Lease is the same acreage which is the subject of an Assignment between these parties bearing even date herewith, and that the commencement of drilling operations upon any of the properties leased or assigned shall be such as to satisfy any drilling commitment as required in said Assignment or this Lease. In order to hold by production the subject acreage as set forth in paragraph 21 herein, LESSEE agrees thereafter to drill additional wells at the rate of one well per each ninety day period. It is understood and agreed that each ninety day time period shall be cumulative for each well drilled and the drilling of additional wells shall not be required until all ninety day time periods established by previously drilled wells have expired. It is further understood and agreed that the provisions of this paragraph relate only to the manner in which the subject acreage or any part thereof is to be held by production and there is no covenant by LESSEE to drill any specific number of wells nor is there any restriction on the maximum number of wells which LESSEE can drill thereon. If LESSEE does not drill the twenty wells necessary to hold the entitle 2/2024d premises as a producing property, then LESSEE shall release all acreage which is not held as a producing property. amount of acreage to be released will be determined by

2 GEORGE, C. GROW, JR.

Received for Record on the 39 day of 1980 a 385 O'clock M. M. Recorded in the Office of the Clerk of the County Commission of Wirt County, W. Va.

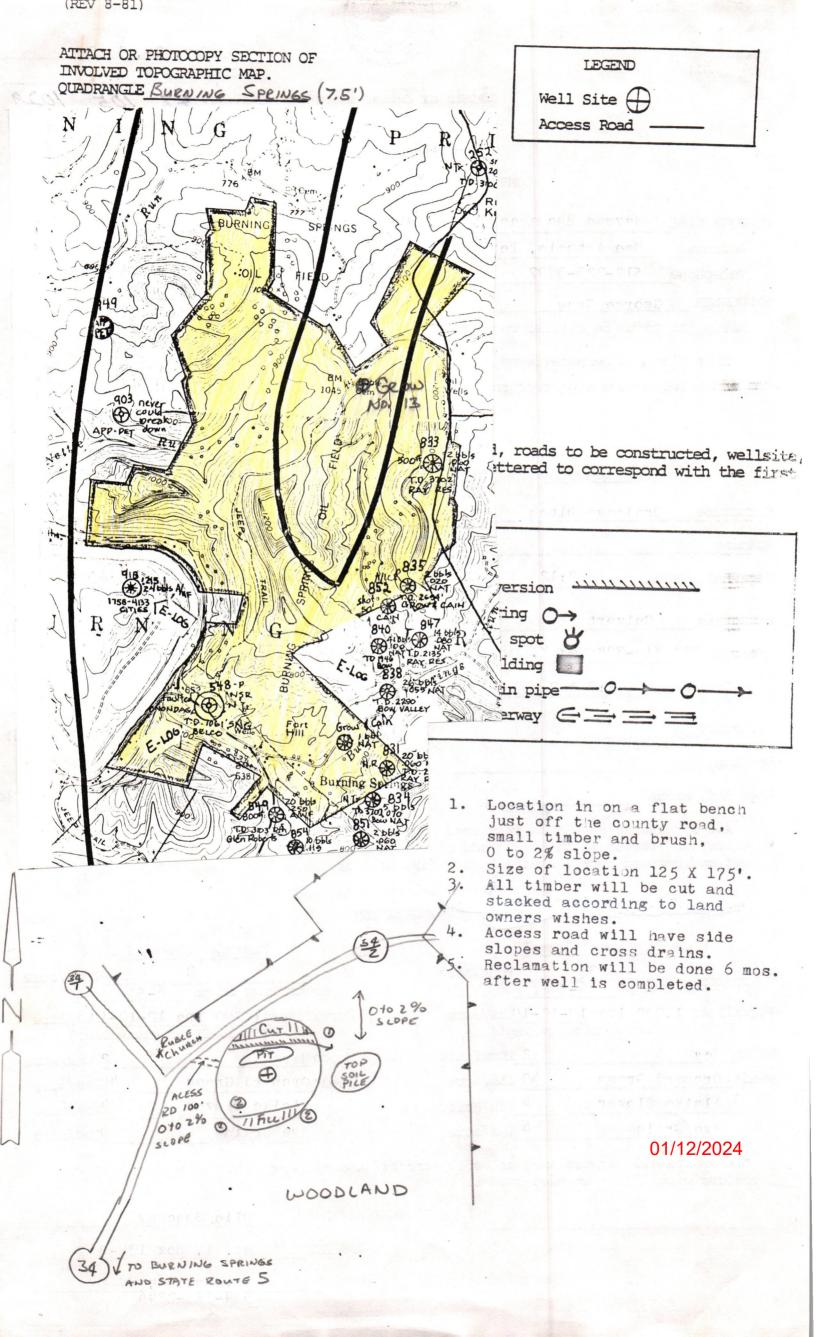
In Deed Book No. 1890 page 131 Clerk Wirt County Commission

Andrea McCoy

Filed and admitted to record in the office of the Clerk of the County County, W. Va. SEP 839 1982

19 at 9.00 od 100ck A M Recorded in Lease

Book No. 148 Page 77.0-7 Toctor A Linda B. Mane KC





DATE Nov. 29, 1982

WELL NO. Grow No. 13

API NO. 47 - 105 -

State of Mest Airginia

Department of Mines Gil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

Address Charleston, WV Telephone 345-6631 SOIL CONS. DISTRICT Little Kanawha [nknwon Contractor (Agent)] Kanawha SCD. All corrections //-29-82 (Date) Dreft Dewlord (SCD Agent)
SOIL CONS. DISTRICT Little Kanawha Inknwon Contractor (Agent) Kanawha SCD. All corrections //-29-82 (Date) Dreft Dewlow (SCD Agent)
Kanawha SCD. All corrections //-29-82 (Date) // Contractor (Agent)
Kanawha SCD. All corrections //-29-82 (Date) Preff Newford (SCD Agent)
11-29-82 (Date) Prett Newford (SCD Agent)
11-29-82 (Date) Prett Newford (SCD Agent)
(Date) Nett Newford (SCD Agent)
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. Helen and improporation total part 4 44
LOCATION
Structure Diversion Ditch (1)
Material Earthen
Page Ref. Manual 2:12
Structure (2
Material
Page Ref. Manual 3:6 & 3:7
Structure(3
Material
Page Ref. Manual
rly and repaired if necessary. All
and all brush and small timber to be ork begins.
TION
Treatment Area II
Lime 3 Tons/acre
or correct to pH 6-5 Fertilizer 1,000 lbs 10-10-10bs/acre
(10-20-20 or equivalent)
Mulch Hay 2Tons/acre
Seed* Orchard Grass 40lbs/acre Alsike Clover 4hs/acre
11/3/ 8016
01/12/2024
il and clovers with the proper bacterium.
PREPARED BY Olin Shockey
ADDRESS Rt. 1, Box 139-B
Ravenswood WV 304-273-2246