

1)	Date: NOV	, 1982		
2)	Operator's Well No.	Pratt	#]	
3)	API Well No.	47	073	1554

6-82)						2)	Well No	Pra	tt #1
DILL DIG 50	TD / 0	To the state of				3)	API Well No.	The state of the s	073 1554
RILLING CON				S	TATE OF WEST VIR	GINIA	radigina be	State	County
Union D	rilli	ng, Inc	• DEPAR	TMEN	T OF MINES, OIL A	ND GAS DI	VISION		
Drawer	40. Bi	ackhanne	on, ou	AND O	GAS WELL PERMIT	APPLICAT	ION		Stanford State
4) WELL TYP	E: A Oil	in phar test	Gas		Dar lle ameni 'za		oson proposen	ibawani	after it led
5) LOCATION	B (If	"Gas", Produ	ction	X	_/ Underground sto	orage	Dee	p	_/ ShallowX
	Dist	rict. Jel	Tersor	1	Watershed:	easant.	9 0	dana ala.	Sahulte 7 51
6) WELL OPE Address	RATOR_	Jenkins 338 1/2 Clarksh	Energ Washi ourg, W	y Congto	orp. 11 on Ave. 26301) DESIGNA Address	TED AGENT 338 Clar	XXXX 1/2 W ksbur	DAXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
/) OIL & GAS							**	Carlto	n Davic
Address		DOX ST			et. al. 12	Address	ERATOR	None	8) > Belorala
	-	Conneau	it, OH	440	The second secon		e Sections :	ELL TUTW	Optoleiger
Acreage	WNED	Richard	I D Px	0++	et. al. 13)			DECLAR	ATION ON RECORD:
Address	WHER_	Box 211		aut.	er ar	Name	人工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工	U ZJAL IJ	e unepri (8
		Conneau		440	030	Address			Innoise() - 19
Acreage		86.38				Name			44
) FIELD SAL	E (IF MAI	DE) TO:		50005	PRIBLIN	Address		Mer E. J. Zen	CONTRACT (III
Address	Rob	ert A. L	owther		The state of the s		qualitae in	'tolkiac	(21. 12) "Post Ot
OIL & GAS		eral Del		-	14)	COAL LES	SSEE WITH DE	CLARAT	ION ON RECORD:
Name		dlebourn			49 6 191		None	AC LE	B 160 140 141 8 F
Address	PH:	758-47	64		e Form	Address		d thy is	ISLATION FOL
					EAS DIN	ASION A	or sumanic	Paris A	art anging
) PROPOSED	WORK:	Drill_X	/ Drill o	leeper	Redrill		Fracture or sti	mulata	VI neigh
		Plug off old		D	Perforate ne	w formation	riacture or still	nulate	
		Other physic		well (sp	ecify)	" TOTMATION	Tel Residence		
GEOLOGICA	AL TARGE	ET FORMATIO	ON,	Al	exander			COURTE	May 115 Bar (11)
17) Estimate	d depth of	completed well	reatt meri	4650	feet V	diagra una	in take wideard	laadaeb	or stand mr
18) Approxim	nate water	strata depths:	Fresh,	75	feet: sa	lt	foot		
19) Approxim	nate coal se	eam depths:	No co	pal	Is coal t	eing mined in	the area? Yes.	and the second	/ No v X
) CASING AN	D TUBINO	G PROGRAM	20 8-1-00						
CASING OR TUBING TYPE	Size		CATIONS Veight	ı	FOOTAGE	NTERVALS	CEMENT OR S	FILL-UP ACKS	PACKERS
Conductor	11 3	14	per ft. New	Used	For drilling	Left in well	(Cubi	c feet)	Cahota (15
Fresh water	or aniton	ared w. where	oo bas mis	X	30.	1D 201 201	VER THE STATE	<u>Services</u>	Kinds
Coal	i-zumints	DIRE BRIDE	Dena seine	inco	PATE TO SAME VALUE	15 20 20 27 P. P.	1 2 3 7 2 33 22	1912	CI
Intermediate	8 5/8	J-55	х	U94	thele as are no let	1125'	me an		Sizes
Production	41/2	J-55	x d b x	20.76	sed dous does of	4650	To su 550 s		Depths set
Tubing					· i	thehroper	23. 2 10 TO 10		177
Liners		Joenac	Prouse orre	otte n	reprisions of che	vikyower'	20 golden	of leini	Perforations:
									Top Bottom
ed dayna \$ VI	TOTAL STATE	edining mini	horal I minim	- 23			A COLOR OF THE	MAN TO	2 SHILLY 197
EXTRACTIO	NPIGHTS	inchros 60 us	SCALE TO SECURE	al salida	s caprovides () v	vi to snami	mag C stillo	\$0.Pac	23) Regula
Check and pro						o patuagen		the Dapi	villiva be
				ing cor	ntract or contracts by	objek Theta	IESM YOU DEGI	192939 20	mon only
☐ The req	uirement o	f Code 22-4-1-	(c) (1) through	th (4).	(See reverse side for s	pecifics)	the right to exti	ract oil or	gas.
ROYALTY PR	ROVISION	S					out to bing a		n seolari
Is the right to e	xtract, pro	duce or market	the oil or gas	based	upon a lease or other c	ontinuing con	tract or contrac	ts providin	g for flat well royalty or
produced or m				the oil	or gas in place which	is not inhere	ently related to	he volume	g for flat well royalty or a e of oil or gas so extract
					nswer is Yes, you may				
								1 ~	
			e enclosed pl	at and	reclamation plan have	been mailed	by registered m	ail or deliv	ered by hand to the aboution to the Department
Mines at Charle			7	01 00	the day of the m	annig or deliv	ery of this Pern	nit Applica	ition to the Department
Notary	odra	de	ese	8 7019	togo Loe ani vds	igned:		15.	16
My Commission	Expires	8-21	-91	DEG S	104 22-4 20, 15 11	Committee of the commit	Egaloth a	Va	tan on a
				0	FFICE LISE ON	V	14979	il icitabat	days of
	17 07	3-1554			FFICE USE ONI RILLING PERM				
		2 1 7 7 /1		The second secon	TATALAN				

Date 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.

Proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

- Crimit expires	uly 24,				rilling is commenced prior to that date and prosecuted with due diligence.
Blanket	Agent:	Plat:	Casing	Fee	7.11
Summer	-			1130	Administrator, Office of Oil and Gas

November 2 82 Line Item Explanation

	IN disag	Itom Explanation		
	Date of Application			
2)	Your well name and number			2.142233
	To be filled out by office of oil & gas		ion Drilling, Inc.	
	"Oil" means natural crude oil or petroleu at the well in liquid form by ordinary pro after it leaves underground reservoirs: "G as oil.	oduction methods and whi	ch are not the result of condensation	otigas
4B) %	"Shallow well" means any well drilled an	than six thousand feet, wh	ichever is shallower.	
Jenkin ton Ave 26301	"Deen well" means any well drilled and c	completed in a formation a h less then six thousand fe	t or below the top of the uppermost met, whatever is shallower.	ember
	Where well is located	r- t- them	Concession Pichard D. J	0 (
6)	Before a permit can be issued in a corporegistered with the Secretary of State Of	rei a a	ship, or fictitious name, the name m	lust be
7)	Use separate sheet if necessary	To to the	100	
8)	Present surface owner at time application	on is filed. • 39	Box 211	
9)	Optional	144030	Conneaut, OH	
11)	See Reg. 7.01 relating to code §22-4-1k		86.38	
12)	"Coal Operator" means any persons, firm or does operate a coal mine. See Note 2	m, partnership, partnershi		
13 & 14)	As per §22-4-20; See Note 24	BLYTY V. J. SU	E & GAS INSPECTOR TO BE MOTHERD	
15)	Work that will be attempted—A separate where fracturing or stimulating is to be p Form IV-2 filed in connection therewith	part of the work for which	a permit is sought and is noted as such	on the
16)	Anticipated formation for which well w	vill be completed	ouscarer blo Phy 2011	
17)	Self explanatory	Alexander	COLLEGE TERROR TERROR TELEVISION AND THE STATE OF THE STA	K) (61
18)	Depth to deepest freshwater, and shall elevation	75.		nces in
×19)	All coal seam depths	coal		
20)	Proposed casing program and cementing 15.02, 15.03, 15.04, 25.01, 25.02, 25.03	3, 25.04		
21)	(1) A brief description of the tract of (2) The identification of all parties to	f land including the district all leases or other continuity oil or gas is claimed; when each such lease or continuity.	t and county wherein the tract is localing contractual agreements by which the right to extract, pro	ated; the right
22)				
22)	- 1 7 00 - 64h - Demontment of N	Mines provides that the orig	inal and four copies of Form IV-2 mu	st be fil-
23)	ed with the Department, accompanied to the forms prescribed by Regulation 12, IV-9, "Reclamation Plan", applicable unless previously paid on the same well, quired by Code §22-4-8a from the own	or in lieu thereof the other to the reclamation required, the fee required by Code of the reclamation of any water well or determined to the reclamation required by Code of the reclamation of any water well or determined to the reclamation of the reclamation o	r security allowed by Code §22-4-2, (i.ed by Code §22-4-12b and Regulation §22-4-12a, and (v) if applicable, the cowelling within 200 feet of the propose	ii) Form 23, (iv) nsent re- ed well.
24)	The above named coal operator, coal of to make or are required to make by Co days after the receipt of this Application	ode §22-4-3 must be filed w tion by the Department.	to the Department of Willes within in	fteen (15
	The following waiver must be completed who has recorded a declaration under Codays of receipt thereof.	d by the coal operator and code 22-4-20, if the permi	by any coal owner or coal lessee	atrivi Civia
		WAIVER	ACCIACRA-VA	
amined this	dersigned coal operator/ owner is proposed well location. If a mine map exhe mine map. The undersigned has no object as complied with all applicable requirements.	ection to the work propose eents of the West Virginia	d to be done at this location, provided	******
Deter	and the title and the second 19 minutes and	By	1/2/1/	Bi
Date:	, , ,		7	
		Its	Production of the lay are to the production does	1,4197



IV-9 (Rev 8-81) DATE November 2, 1982

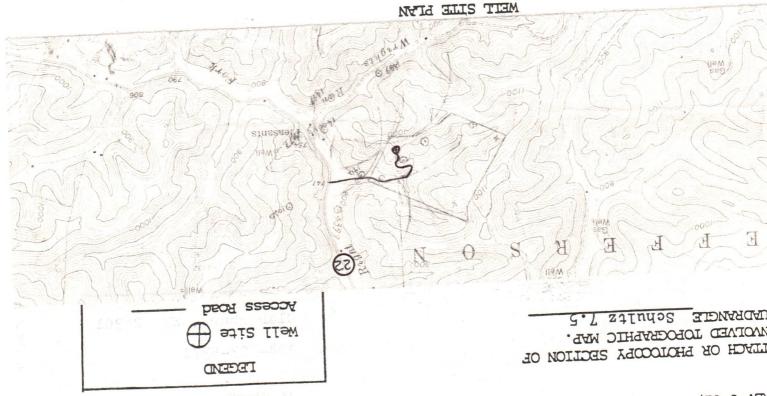
WEIL NO. R. D. Pratt No. 1
API NO. 047 - 073 - 1554

State of Mest Nirginia

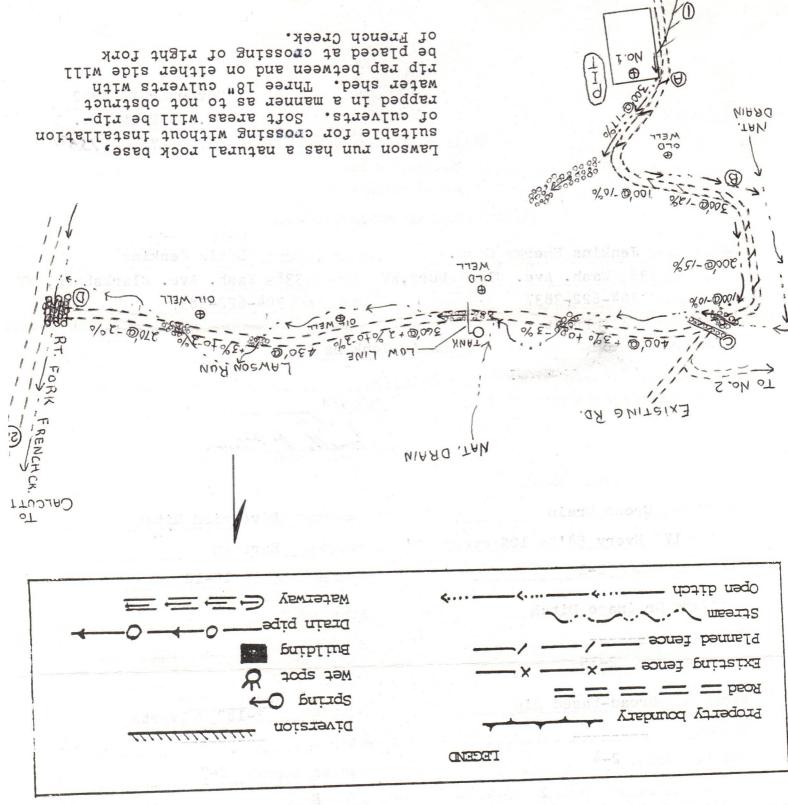
Bepartment of Mines Gil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Jenkins Energy Corp.	Carlton Davis DESIGNATED AGENT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Address 338½ Wash. Ave. Clarksbur	
Telephone 304-622-3837	Telephone 304-622-3837
LANDOWNER R. D. Pratt	
Revegetation to be carried out by Dav	SOIL CONS. DISTRICT Upper Ohio
	(Agent)
This plan has been reviewed by Uppp and additions become a part of this plan:	, ,
and danicious became a part of this plan:_	11/9/32 (Date)
	rameth & Mason
	(SCD Agent)
ACCESS ROAD	LOCATION
Structure Cross Drain (A)	Structure Diversion Ditch (1)
Spacing 17% Every 54'to 10% every 80	
Page Ref. Manual 2-1	Page Ref. Manual 12-12
Structure Drainage Ditch (B)	
Spacing (B)	Structure (2)
Page Ref. Manual 2-15	Material
NOV 1 6	Rage Ref. Manual
Structure Broad-based Dip (C)	Access Road
Spacing Oil & GAS I	Structure 3-18" Culverts (3) OIVISION Material
Page Ref. Manual 2-4 DEPT. OF	MINES
	Page Ref. Manual 2-7
All structures should be inspected regu commercial timber is to be cut and stacked cut and removed from the site before dirt	larly and repaired if necessary. All d and all brush and small timber to be
zojote dzije	work begins.
REVEGE	TAUTTON
Treatment Area I	TOTAL
Lime As determined by putest	Treatment Area II
or correct to pH 6 5	LimeAs determined by pH Tons/acre
Fertilizer 600 lbs/acre	Fertilizer 600
(10-20-20 or equivalent) Mulch Hay or Straw 2 Tons (ages)	(10-20-20 or equivalent)
Seed* Kentucky 31 Fescue 35lbs/acre	Mulch hay or Straw 2
Birdsfoot Trefoil 10lbs/acre	Seed * entucky 31 Fescue 35 lbs/acre
Daw B	Birdsfoot Trefoil 10 lbs/2000
	Dom. Rye
*Inoculate all legumes such as vetch, trefo Inoculate with 3% recommended amount.	vil and clovers with the proper bacterium.
NOTES: Please memora - minus	RBBOCIACES
seedling for one growing season.	ADDRESS 308 Professional Bldg.
STEPTE 30	Clarksburg, WV 26301
necessary for comments.	PHONE NO. 304-623-5371



ketch to include well location, existing access road, roads to be constructed, wellsite, welling pits and necessary structures numbered or lettered to correspond with the first plan. Include all natural drainage.



WELL OPERATORS# Jenkins Energy Corp

API#: 47- 073-

ITEM #21- EXTRACTION RIGHTS CODE 22-4-11 (C)

100	ACRES	Jefferson	DISTRICT	Pleasants	COUNTY,	WV
	Bounde	ed as follows: the North by	Walker		•	
	· on	the East by	S. W. Pratt			
	on	the South by	Caisey & Am	bler		
	on	the West by	Caisey & Am	bler		-
	Lessors	& Address		Percent OGM Royalty Interest (of 1/8th	BK	rding PG
	Heirs of V	W. J. Pratt		1/8 of 8/8	N/A	N/A
-			and the second s			
-					497.447.447.447.447.447.4	
						i ilina
				FCERRE		
				NOV 1 6 1982	AND THE PERSON OF THE PERSON O	
washing to the street of the s	a consequence of the consequence	CONTRACTOR	approximation of the special state of the special s	6 1982		
	The second section of the second second second second	and the distribute of the control of	01	18.000		1
		and the state of t	DEP	T. OF MINES		-
				". UF MINES		
STATES THE STATES OF THE STATES TO STATES ASSESSED.	n barrant december and a superior an			Land Company of the C		
a regional designation and received resulting to the second	nero acerba referinhistata nemo-1907 angenum da m. e metro, se segane	Control of the Contro	and the control of th		e en la companya de l	
AND SECTION AND DESCRIPTION OF THE PARTY.		and distance and the state of t	Control Agency Control		-	1
and the state of t	The company of the co		AND THE PROPERTY AND ADDRESS OF THE PROPERTY O			1
- And State of the United States of the Owner,	AND STREET			and the second contraction and the supplementation of the second		-
The state of the s	under system (control till motor) og till stage, medle til stage i stage i stage i stage i stage i stage i stag					-
		AND DESCRIPTION OF THE PARTY OF		The second secon		
- Company				The second to a figure or an expensive or an expensive of the second of		,
Bright was strongered to the course of the section	E	million and the company of the control of the contr				
SARPHAN STOP BE STOPPING THE SAN SHARP	a angus and angus and an angus for a second transfer on the second					
A MANUAL TO SERVICE OF THE COMMAND OF THE SERVICE O	ALTERNATURE COMMENTS IN THE RESIDENCE OF COMMENTS	William Company to the control of th		The order of the production and the consequence of the control of		
TO A PROBLEM PROPERTY OF SHAPE THE PARTY OF THE PROPERTY OF THE PARTY	engyania ayar Taransis in Madati Artista radi dalah didibilari si ada dinggi da Paris	- Make Plate and particular from the particular and a second of the bright content for the case of the second	Many or adding the property of the control of the c	The state of the s		1
- AMERICAN CONTRACTOR OF THE STREET	euroce to the new to the second second second second	kadi miligir-sanatarkataka 1921-tu akti u akti u ingen gingin-sana nama gala miligipati ya 1979-takan ma		. The state of the second		
The late of the control of the contr	and the second of the second s	And the state of t				
	and ordered the substitute of the standard of	anticaliticado de constituições de como es como como esta como esta como esta como esta como esta como esta co		a b common and an experience and experience and an experience and	CONTRACTOR OF THE PROPERTY OF	-
AND A MARKETON COMPANY OF THE PROPERTY OF THE PARKET OF	and the state of t					
	and representational and the state of the st	Butterground But Tribe viz report sygnetistic or ya responsor or the debug region according to the control of the control o	AND AND THE RESIDENCE AND		MANAGEMENT AND ASSESSMENT OF THE PROPERTY OF T	
The second secon						1.
- magazini i valiti ki ki propinsi makani i valida in ki ki ki	nore Alay (100 februar) in 10 million (10 million or veni - Alay (10 million temperatur secu	*		пости в примеров на предоставления на предоставл		
m god langer you my way you and	b - viver college college and the college of the service of the college of the co			-ar-ar-ar-ar-ar-ar-ar-ar-ar-ar-ar-ar-ar-		
CANADA SE SEE SECTION OF THE PROPERTY.	Bound Bur (1988) the Burlow of the Control of the C	tion of the state	COLOR STORES SERVICE STORE SERVICES SERVICES COMMISSION SERVICES	. A Michigan Anna Anna Anna Anna Anna Anna Anna A		
The second secon	avan nodadnijana ne didak residan i sentania sentania kajiriye sinesesiha va	COLUMN TO THE PROPERTY OF THE		 An own to accomply of displays for the play of the control of the co		
			4			SECOND SECOND

ASSIGNMENT AND SUBLEASE

THIS AGREEMENT, made this 13th day of July, 1982, by and between RITCHIE PETROLEUM CORPORATION, hereinafter called "Ritchie",

JENKINS ENERGY CORPORATION, hereinafter called "Jenkins".

WITNESSETH: That for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged by the parties hereto, Ritchie does hereby assign, set over and transfer unto Jenkins the tract known as the S. W. Pratt lease said to contain 100 acres, more or less, said lease is located on the waters of French Creek, in Jefferson District, Pleasants County, West Virginia, being the same lease acquired by Ritchie in an assignment from A. F. Marple, dated July 3, 1979, and recorded in the office of the County Clerk of Pleasants County, West Virginia, in Deed Book 152 at page 564. Said lease is bounded as follows: NOV16 1982

North: Walker

East: S. W. Pratt

South: Caisey and Ambler

Ambler

OIL & GAS DIVISION

The party of the first part is in agreement party of the second part as to the drilling of the aforementioned property in accordance with the following conditions:

- 1. Jenkins agrees to deliver to Ritchie, free of any cost a 1/32 (one-thirty second) overriding royalty of all oil and gas produced and sold from the said lease.
- 2. Jenkins agrees to comply with all laws of the State of West Virginia now or hereinafter enacted which are relevant to the operation of the lease herein assigned and to be responsible

BUCK 179 PACE 115

for any damage to persons or properties resulting from Jenkins operations on the leased premises.

- 3. The parties covenant and agree that the terms and conditions contained herein shall be binding upon the representatives, heirs, successors and assigns of the parties.
- 4. Ritchie reserves all existing wells on the lease being assigned.
- 5. There is excepted and reserved from this agreement all of the working interest in and below what is known as the Kane Sand.
- 6. Ritchie reserves the rights to all oil and gas above the bottom of the Squaw Formation on the lease being assigned with the right to drill and produce any such well or wells.
- 7. The term of this assignment is as follows: Jenkins shall have one (1) year to drill the first well. If Jenkins fails to drill the first well this assignment is null and void. Jenkins agrees to drill a second well by July 8, 1984. If Jenkins fails to drill the second well only fifty (50) acres of the S. W. Pratt lease will be held by Jenkins.
- 8. Jenkins agrees that they will put each completed well into production within three (3) months from the completion of drilling or pay to Ritchie a delayed rental of Two Hundred Dollars (\$200.00) per each month or part of each month thereafter for each well until the well(s) are placed into production.
- 9. Jenkins agrees that the words well underlined in Condition number seven (7), shall mean: Completion of drilling total depth of the well.

IN WITNESS WHEREOF, Ritchie Petroleum Corporation has caused these presents to be signed and its corporate seal to

BUCK 179 PACE 116 be hereunto affixed by its proper officers thereunto duly authorized. RITCHIE PETROLEUM CORPORATION By Con Siley

ATTEST:

Kevin Swider

STATE OF WEST VIRGINIA

COUNTY OF RITCHIE, TO-WIT:

The foregoing instrument was acknowledged before me this 15 day of July, 1982, by William Kevin Snider, President of Ritchie Petroleum Corporation, for and on behalf of the corporation. Notary Public

My commission expires: 3-5-45

This instrument was prepared by: Francis L. Warder, Jr. Louchery & Sinsel Post Office Box 1206 Clarksburg, West Virginia 26301

STATE OF WEST VIRGINIA, COUNTY OF PLEASANTS, TO-WIT:
OFFICE OF THE CLERK OF THE COUNTY COURT OF PLEASANTS COUNTY.

The foregoing paper writing was this day 1/4/82, at 12:10,000 presented for record in my office, and thereupon, together with the certificate thereto annexed, is admitted to record.

Teste: Funda W. Hamme & Clerk,



IV-35 (Rev 8-81)

OIL & GAS DIVISION DEPT. OF MINES



	August 31, 1983
Opera	
Well !	One (1)
Farm	Pratt

Bepartment of Mines Gil und Gas Bivision

API No. 47 - 073 -1554

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

	ight Fork			
District: Jefferson County Plea	asants	Quadrangle	Schult	tz 7.5
COMPANY Jenkins Energy Corporation	RPC I		- Edhar	N St. Jan
ADDRESS P. O. Box 980, Bridgeport, WV 26330	Casing	Used in	Left	Cement fill up
DESIGNATED AGENT Charlton Davis	Tubing	Drilling	in Well	Cu. ft.
ADDRESS	Size			and the
SURFACE OWNER Pratt	20-16 Cond.			and
ADDRESS St. Marys, WV	13-10"		141	TOTALIA
MINERAL RIGHTS OWNER Pratt	9 5/8		100	ed &
ADDRESS St. Marys, WV	8 5/8	1372	1372	To surface
OIL AND GAS INSPECTOR FOR THIS WORK Robert	7	1372	pnek	105100
Lowther ADDRESS Middleborne, WV	5 1/2		s funda	o i FT & Tale
PERMIT ISSUED	4 1/2		5362	600 Sks.
DRILLING COMMENCED December 5, 1982	3		oLarte.	
DRILLING COMPLETED December 13. 1982	2			TOGGLE
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners			Hamilt.
CN :				
GEOLOGICAL TARGET FORMATION Marcellus Shale Depth of completed well 5476 feet Water strata depth: Fresh 75 feet; Coal seam depths:	Rotary X	/ Cabl	e Tools_	
Depth of completed well 5476 feet Water strata depth: Fresh 75 feet;	Rotary X	/ Cabl	e Tools_	
Depth of completed well 5476 feet Water strata depth: Fresh 75 feet; Coal seam depths:	Rotary X Salt 10 Is coal	/ Cabl	e Tools_ ed in the	e area?
Depth of completed well 5476 feet Water strata depth: Fresh 75 feet; Coal seam depths: OPEN FLOW DATA Producing formation Hamilton Shale	Rotary X Salt 10 Is coal	/ Cabl 18 feet being min y zone dep	e Tools_ed in the	area?
Depth of completed well 5476 feet Water strata depth: Fresh 75 feet; Coal seam depths: OPEN FLOW DATA Producing formation Hamilton Shale Gas: Initial open flow show Mcf/d	Rotary X Salt 10 Is coal Pa	/ Cabl 18 feet being min y zone dep itial open	e Tools_ed in the th_5150	e area?
Depth of completed well 5476 feet Water strata depth: Fresh 75 feet; Coal seam depths: OPEN FLOW DATA Producing formation Hamilton Shale Gas: Initial open flow show Mcf/d Final open flow 250 Mcf/d	Rotary X Salt 10 Is coal Pa Oil: In	/ Cabl 18 feet being min y zone dep itial open nal open f	e Tools_ed in the th_5150 clow_c	e area?
Depth of completed well 5476 feet Water strata depth: Fresh 75 feet; Coal seam depths: OPEN FLOW DATA Producing formation Hamilton Shale Gas: Initial open flow show Mcf/d Final open flow 250 Mcf/d Time of open flow between init	Rotary X Salt 10 Is coal Pa Oil: In Fi	/ Cabl 18 feet being min y zone dep itial open nal open f inal tests	e Tools_ ed in the th 5150 flow 0 low 0 4 ho	feet Bbl/d Bbl/d burs
Depth of completed well 5476 feet Water strata depth: Fresh 75 feet; Coal seam depths: OPEN FLOW DATA Producing formation Hamilton Shale Gas: Initial open flow show Mcf/d Final open flow 250 Mcf/d Time of open flow between initial static rock pressure 875 psig(surfate)	Rotary X Salt 10 Is coal Pa Oil: In Fi tial and f	/ Cabl 18 feet being min y zone dep itial open nal open f inal tests	e Tools_ ed in the th 5150 flow 0 low 0 4 ho	feet Bbl/d Bbl/d burs
Depth of completed well 5476 feet Water strata depth: Fresh 75 feet; Coal seam depths: OPEN FLOW DATA Producing formation Hamilton Shale Gas: Initial open flow show Mcf/d Final open flow 250 Mcf/d Time of open flow between ini Static rock pressure 875 psig(surface) (If applicable due to multiple completion)	Rotary X Salt 10 Is coal Pa Oil: In Fitial and f ce measure n)	/ Cabl 18 feet being min y zone dep itial open nal open f inal tests ment) afte	e Tools_ ed in the th 5150 flow 0 low 0 4 hour 72 hour	feet Bbl/d Bbl/d burs ars shut in
Depth of completed well 5476 feet Water strata depth: Fresh 75 feet; Coal seam depths: OPEN FLOW DATA Producing formation Hamilton Shale Gas: Initial open flow show Mcf/d Final open flow 250 Mcf/d Time of open flow between ini Static rock pressure 875 psig(surface) (If applicable due to multiple completion second producing formation Harrell Second Producing form	Partial and for measure n) Shale Partial Par	/ Cabl 18 feet being min y zone dep itial open nal open f inal tests ment) afte y zone dep	e Tools_ ed in the th 5150 flow 0 4 ho r 72 hou	feet Bbl/d Bbl
Depth of completed well 5476 feet Water strata depth: Fresh 75 feet; Coal seam depths: OPEN FLOW DATA Producing formation Hamilton Shale Gas: Initial open flow show Mcf/d Final open flow 250 Mcf/d Time of open flow between init Static rock pressure 875 psig(surfate) (If applicable due to multiple completion	Partial and for measure n) Shale Partial Income Partial and for measure n)	/ Cable 18 feet being min y zone dep itial open hal open f inal tests ment) afte y zone dep itial open	e Tools_ ed in the th_5150 flow_0 low_0 4 ho r_72 hou th_462 flow_sh	feet Bbl/d Bbl/d Bbl/d Burs ars shut in feet Bbl/d Bbl/d

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

3 Stages of Nitrogen Stimulation 40 holes per stage

WELL LOC

Sand & Shale	FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all free and salt water, coal, oil and ga
Salt Sand Salt Sand Salt Sand Salt Sand Salt Sand Salt Sand Salt Sand Shale Salt Salt Salt Salt Salt Salt Salt Salt	Sand & Shale	0	1447	
2nd Salt Sand 1521	1st Salt Sand	1447		MPANY Jeskins Shorew
3rd Salt Sand Shale 1625 1743 Maxon Shale 1618 1650 Gas Big Lime 1697 1794 1924 Show Gas & Oil Big Injun Shale 1807 1924 Show Gas & Oil Show Gas & Oil Berea Cap Shale 2320 Shale Gas Bordon Sand Shale 2710 2729 Gas Brallier Shale 3312 3365 Oil and Gas Brallier Shale 3968 3968 Oil and Gas Harrell Shale 4650 Gas Hamilton 5130 5474 Gas		1521	1578	
Maxon 1618 1650 Gas Shale 1697 1794 Show Gas & Oil Big Injun 1807 1924 Show Gas & Oil Shale 2320 Shale Gordon Sand 2710 2729 Gas Shale 2972 Warren Shale 3312 3365 Oil and Gas Brallier Shale 3968 3968 Oil and Gas Harrell Shale 4610 4650 Gas Hamilton 5130 5474 Gas	3rd Salt Sand	1625	1743	and the contract of the state of the contract
Big Injun 1807 1924 Show Gas & Oil Shale 2320 Show Gas & Oil Berea Cap 2320 Shale Gordon Sand 2710 2729 Gas Shale 2972 Gas Gas Warren Shale 3312 3365 Oil and Gas Brallier Shale 3968 Oil and Gas Harrell Shale 4610 4650 Gas Hamilton 5130 5474 Gas	Maxon			Gas .
Berea Cap Shale 2320 Gordon Sand Shale 2710 2729 Gas Brallier Shale 2972 3365 Oil and Gas Warren Shale Brallier Shale 3968 Oil and Gas Harrell Shale Benson Harrell Shale Hamilton 4610 4650 Gas Hamilton 5130 5474 Gas	Big Injun			Show Gas & Oil
Gordon Sand	Berea Cap	2320		Control of the section control of the section of th
Warren Shale 3312 3365 Oil and Gas Brallier Shale 3968 Oil and Gas Harrell Shale 4610 4650 Gas Hamilton 5130 5474 Gas	Gordon Sand	2710	2729	
Benson Harrell Shale Hamilton 4610 4650 4950 5474 Gas Gas	Warren Shale	The balls of the second	3365	Oil and Gas Oil and Gas
Hamilton 5130 5474 Gas	Benson			0
AND SET OF STANDED PRODUCTION OF SET		5130		
Legran of continues well 14.0 feet; Sur Aces 74 (Sable 1001) Author Samuel Capting Intal 77 feet; Sul 1 feet 1001 Le coal ream decidies 1		Control of the second	CEMPARED VE	
The state depicts and the search and	as to a rigord	a f	Ani feetek	CONTRACTOR DESIGNATE DECIDION OF THE
The season displayer of the cost of the co	PLOOR SIGNATURE		ALTO A DESCRIPTION OF THE PARTY	New York and the support
A MASS WORS WIND			en production of the section of the	I miget state zatu
	factor and mi but to be red lab	O GI	Winners and the control of the control of States	
			1	

(Attach separate sheets as necessary)

By: Manager- Operations September 12, 1983

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including intelligent of a well."

477-15-EU

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

RECEIVED

いこじーラ 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 0 / 3 / 9 / 9	Oil or Gas Well (KIND)					
Company Jenkins Energy	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS		
Address Clarksburg wow	Size			de Segrie de de Segrie		
Farm R. D. Pratt	16			Kind of Packer		
Well No	13	**				
District Affection County pleasant	81/4	Zan plant in the second	Care de Preside	Size of		
Drilling commenced 12-6-85	6%		services of the extension of the	Depth set		
Drilling completedTotal depth 380	5 3/16		8	2.0040000000000000000000000000000000000		
Date shotDepth of shot	2			Perf. bottom		
Initial open flow/10ths Water inInch	Liners Used		an an eight ann an	Perf. top		
Open flow after tubing/10ths Merc. inInch				Perf. bottom		
VolumeCu. Ft.	CASING CEMEN	NTED	_SIZE	No. FTDa		
Rock pressurelbshrs.	NAME OF SER					
bbls., 1st 24 hrs.		COUNTERED	AT	FEETINCHE		
resh water 132 feet feet	FEET_	INCHI	ES	FEETINCHE		
alt waterfeetfeet	FEET_	INCHE	ES	FEETINCHE		
rillers' Names				A STATE OF THE STA		
emarks:						

12-7-82

R.A. Lowlle DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY			ABBBBB			
COMPANY			ADDRESS	- Marie 1997		\$ 150 TANK TANK TA
FARM		DISTRIC	r	_COUNTY	-	111111111111111111111111111111111111111
Filling Material Used				Les de la properties	s i)
Liner Loc	eation	Amount	Packer	Location		
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND T	UBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
			- De residence			100
					- 1 mm	to the first
			i in en den ambien e en en si un en en de en en en fil en		33	Service System
				7 1 m 1 m m		
A colonia and the second					Care Ta	Participant
	23 - 13 - 13 - 13 - 13 - 13 - 13 - 13 -				April 1	e je sa ta s
* 1 · · ·		67.13.8W	special de la company			
	, Barrana	ENGREEK	as incare e			alder ekel (S
		ELATE PART À	www.lanciner.ade			and the same and the same of the same
					C . E .	- ya 11, - 12.
rillers' Names					and the second s	100 100 100 100 100 100 100 100 100 100
		and the second second			THE RESERVE THE PERSON	garage and the entire state of
Remarks:					error in over terms	
				and the second second second	er en	

DISTRICT WELL INSPECTOR

OPEN FLOW DATA continued

Third producing formation Brallier Shale pay zone depth 3900 feet						
Gas: Initial open flow Show Mcf/d Oil: Initial open flow Show Bbl/d	t					
Final open flow 175 Mcf/d Final open flow 5 Bbl/c	£					
Time of open flow between initial and final tests - hours						
Static rock pressure - psig (surface measurement) after - hours shut	in					
Fourth producing formation pay zone depth feet						
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d	Ĺ					
Final open flow Mcf/d Final open flow Bbl/d	£					
Time of open flow between initial and final tests hours						
Static rock pressure psig (surface measurement) after hours shut	in					
Fifth producing formation pay zone depth feet						
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d	1					
Final open flow Mcf/d Final open flow Bbl/d	E					
Time of open flow between initial and final tests hours						
Static rock pressure psig (surface measurement) after hours shut	in					

Pleas 15

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION

RECEIVED

DEC 1 4 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. <u>D73-155</u> 4		Oil or Gas Well				
Company Jenkins Energy	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS		
Address Clarkshun wi Va.	Size		Section 2 Section Assets			
Farm Richard Fratt ETAL	16			Kind of Packer		
Well No.	13	State Control				
ristrict effection County plasa	10	1377	1377	Size of		
rilling commenced	65/8			Depth set		
villing completed	5 3/16			A Sea - Marine		
rilling completedTotal depth	3			Perf. top		
ate shotDepth of shot	_ 2			Perf. bottom		
itial open flow/10ths Water inIncl	Liners Used		1	Perf. top		
pen flow after tubing/10ths Merc. inInch				Perf. bottom		
olumeCu. Ft	. CASING CEME	NTED 8 5/	Size/37	7 _{No. FT} /2-9-		
ock pressurelbshrs	1	VICE COMPA	INY house	seo		
bbls., 1st 24 hrs.				FEETINC		
esh waterfeetfeet				FEETINC		
lt waterfeetfeet	FEET_	INCH	ES	FEETINC		
illers' Names				and the state of t		

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No				4 2 2 We	II No	
COMPANY			ADDRESS		x - 2, y - 2 - 2 8	and the second
FARM		DISTRIC	CTCC	UNTY	1	
Filling Material Used	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 line	in his		13
			THE -		1	· C1
Liner	eation	Amoun	Packer	Location	- frest.	
	ND DEPTH PLACED		BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
	1 1 1		3000			
					and the specific	
			2000			
					n year, which	
						e acquiss
					Charle for	of a section
7-21-77	81, 81, 3	A07. 174		1 - 1 - 1 - 1 - 1 - 1 - 1		
130	45 1 1 1 1 1 1 1 1			7	- 3 - 4	AND THE PROPERTY.
					·¥;	
						No. 10 Page
	The second contains a	•				
Prillers' Names					a the Marie Wallet	and the second
Remarks:			, , , , , , , , , , , , , , , , , , ,			and the second
	I hereby certify I	visited the a	bove well on this date.			
DATE	- noted terming i	the a	ACTO WOLL OIL VIND COVE			

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION



OIL & GAS DIVISION DEPT. OF MINES

FINAL INSPECTION REQUEST

INSPECTOR'S COMPLIANCE REPORT

Company	Jenkins Energy Corporation		Pleasant	
Inspector	ROBERT LOWTHER	. 4.1.1	Pratt 1	
Date Se	ptember 20, 1983			
RULE	DESCRIPTION		~	IN COMPLIANCE Yes No
23.06	Notification Prior to starti	ng Work		V
25.04	Prepared before Drilling to	prevent waste		V
25.03	High-Pressure Drilling			V
16.01	Required Permits at wellsite			V
15.03	Adequate Fresh Water Casing			V
15.02	Adequate Coal Casing	Ľ		
15.01	Adequate Production Casing			V
15.04	Adequate Cement Strength			
23.02	Maintained Access Roads			
25.01	Necessary Equipment to preven	it Waste		0
23.03	Reclaimed Drilling Site			V
23.04	Reclaimed Drilling Pits			V
23.05	No surface or underground Pol	lution		
7.03	Identification Markings			V
COMMENTS:				

I have inspected the above well and (HAVE)HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Dil and Gas Department of Mines of the State of West Virginia.



State of West Virginia Bepartment of Mines Gil and Gas Division Charleston 25305

WALTER N. MILLER DIRECTOR July 23, 1984

THEODORE M. STREIT
ADMINISTRATOR

Jenkins Energy Corporation P.O. Box 980 Bridgeport, W.Va. 26330

In Re:	PERMIT NO:	073–1554
	FARM:	Richard D. Pratt
	WELL NO:	One
	DISTRICT:	Jefferson
	COUNTY:	Pleasants
		11-24-82
	ISSUED:	

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. Only the column checked below applies:

The well designated by the above permit number has been released under your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

XXX Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

Theodore M. Streit, Administrator Office of Oil & Gas - Dept. Mines

RECEIVED

IV-27 11/23/81 DEC - 7 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Date: 12-	1-82
Well No:	
API NO: 47	- 173- 1554

State County Permit

Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE: 0il V / Gas V Liquid Injection / Waste Disposal /
Of "Gas" - Production / Storage / Deep / Shallow //
LOCATION: Elevation: 100 6 Watershed: Pight Forth French Caelon
District: Pellerson County: pleasant Quadrangle: Schulles
WELL OPERATOR LENGT KING KING COLD DESIGNATED AGENT Davis Jenkins
Address 338 1/2 washington and Address 3381/2 washington and
Clarksburg W. No. 2630/ Clarksburg 4. Oo. 2630
The above well is being posted this day of, 1982, for a
violation of Code 22-4-230 and/or Regulation, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)
Failure to nolify Inspector before stailing
Permitted work. Building Roads and grading
location, no Further work to be Done untel
Failure to notify Inspletor before stacking Permitted work. Building Roads and grading location. No Further work to be sone until after Inspector is notified
A copy of this notice has been posted at the well site and sent by certified or
registered mail to the indicated well operator or his designated agent.
You are hereby granted until, 19, to abate this violation.
Failure to abate the violation may result in action by the Department under
Code 22-1, 17 or Code 22 1, 10
R. A. Lowlle Oil and Gas Inspector
Address Middlebourne wilar
Phy of
A M
Telephone: 758-4764

IV-27 11/23/81



Date:

Well No:

API NO: 47 - 073 155 State County Permit

OIL & GAS DIVISION PARTMENT OF MINES

MINES

	DEPI. of Oil and Gas Division	
	NOTICE OF VIOLATION	
WELL TYPE:	Oil / Gas Liquid Injection / Waste	Disposal/
	Of "Gas" - Production / Storage / Deep_	
LOCATION:	Elevation: 1006 Watershed: Right For	le French Creph
	District: County: Manants Qu	uadrangle: Ashully
WELL OPERAT	DR en Selle Enougy DESIGNATED AGENT	Carlon Danses
Addre	ss Pil Box 4801 Address	
	Bridgeport W. Vo. 26330 &	aml
	The above well is being posted this day o	f <u>lest</u> , 1983, for a
violation o	f Code 22-4-7.05 and /or Regulation 22-4-16.0, set	forth in detail as follows:
1	(USE REVERSE SIDE OF THIS NOTICE IF NECE	
Faily	ie to Identify well by A	PI numble
r . A	ets File well Record &	orm 711 35
Fallen	ets till well need in	A- 0 -00
withi	n 90 Days after comple	lon of Dullin
	and the second s	1
	of this notice has been posted at the well site	
	mail to the indicated well operator or his design	
	e hereby granted until $\frac{1}{2}$, 1983	
	e to abate the violation may result in action by	the Department under
Code 22-4-1	7 or Code 22-4-18.	1.0 0
	Robert.	H. Lowelle
	0il and	Gas Inspector
	Address Med a	Volouine
	10.10	= 26/49
		0 6 1
	Telephone:	758-4764

FORM IV-31 9-83



Date:	pl	23	83
Operator's Well Number		1.	
API Well No.:	47 State	- 073	-1559 Barrie

OIL & GAS DIVISION DEET. OF MINES

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

NOTICE OF ABATEMENT

WELL TYPE:	Oil Lio	quid Injection/ Wa	ste disposal/		
LOCATION:	If "Gas" - Production	Underground Storage Deep Watershed: County:	Shallow L	ch laha	len
WELL OPERATOR Address	101111111111111111111111111111111111111	1. Ping B	Address	Quadrangle: All great the first of the first	d d
The violation of Violation'' an Imminent Dangeresume operations	Form IV-28, "Imminent Da er Order requiring operations to c	heretofore found to exist inger Order''/ of the ease, such requirement is here	nat date has been totally ereby rescinded, and the	, 19, by Form y abated. If the abated violati e well operator is hereby noti	n IV-27, ''Notice ion was found by ified that he may
COMMENTS	ell site is 35 Has be	Lolentifier ren Filed	1 By A	PI numb	Re
A conv of this	notice has been posted at the w	wall site and sent by certified	d or registered mail to t	the indicated well exerctor o	
agent.	nodec has been posted at the v	on site and sent by certified	Robert	H. Lowl	Alac Market
		Α	ddress	Oil and Gas Inspector	
		т	elephone 75	8-4764	

