(Obverse)

[08-78]

STATE OF WEST DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date:	August	27

Date: _	August	21	
Operato	r's		

180

2-1026

Well	No.	Mills

	OIL AND GAS WELL PERMIT APPLICATION	
ELL TYPE: Oil/ Ga	as x /	API Well No. 47 -103-1194 State County Per
(n n		

	Elevation: 1427 Watershee		ge/ Deep/ Shallow/)
		The second secon	Quadrangle: Pine Grove 7.5
WÈLL OPERATOR	Carnegie Natural Gas Company 3904 Main Street	DESI	GNATED AGENT J.C. Stephenson, Div. Supt. Address P.O. Drawer 387
	Munhall, Pa. 15120		Mannington, WV 26582
	Mills Wetzel Lands, Inc. c/o Elston Bank & Trust Company		OPERATORNone in Area
Address	Crawfordville, Indiana 47933		Address
	5,000	COAL	OWNER(\$) WITH DECLARATION ON RECORD:
	Lewis Wetzel Public Hunting Area	Name	Not Known
	State of West Virginia		Address
	Charleston, WV		SEP - 4 1980
		Name	
FIELD SALE (I	F MADE) TO:		Address OIL & GAS DIVISION DEPT. OF MINES
Address		COAL	LESSEE WITH DECLARATION ON RECORD:
		Name	
OIL & GAS INS	PECTOR TO BE NOTIFIED		Address
Name / Philli	p L. Tracy		
Address	P.O. Box 173		
	Middlebourne, WV 26149		
	304-758-4573		
			te for oil or gas purposes at the above
		contract _	/ dated, 1 <u>P895</u> , to the
	ell operator from John Mills		
	, lease, or other contract has been r		
			lerk of the County Commission of Wetzel
			611 . A permit is requested as follows:
PROPOSED	WORK: Drill x / Drill deeper/		
	Plug off old formation/	Perforat	e new formation/
	Other physical change in well	(specify)	

--planned as shown on the work order on the reverse side hereof.

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.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lesses on or before the day of the mailing or delivery of this Permit Application to the Dep 09/08/2023 ines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311

TELEPHONE: (304) 348-3092

Carnegie Natural Gas Company

Well Operator

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING COM	NTRACTO	R (IF	KNOWN)		S	.W. Jack				
				Addre	ss B	uckhannon,	WV			
	•									
							The second secon	De la companya de la		
						to the property of the con-		Rotary_x_/	_	/
								feet.		
Approxi	lmate c	oal sea	am depti	ns:	95	0' Is	coal being n	nined in the area	? Yes	No X
CASING AND T	UBING	PROGRAI	M							
CASING OR	I		IFICATIO			FOOTAGE	INTERVALS	CEMENT FILL-UI	PI PAC	CKERS
TUBING TYPE	Size	Grade	Weight per ft	New	Used	For drillin	g Left in wel	OR SACKS		
Conductor	11-3/	4 н40	42#	x		30'	30'		Kinds	2
Fresh water										
Coal									Sizes	
Intermediate	8-5/	8 K55	24#	x		1550'	1550'	To Surface		
Production	4-1/	2 J55	10.50	x		5950 '	5950'	1000	Depths set	525
Tubing										
Liners									Perforation	ns:
									Top	Bottom.
-	<u> </u>									
applianted	cable cously onsent eet of MUST AB fracti ledngsin Code,	to the paid of require the programmence of the local commence of t	reclament the second the second to proposed the Form or stimulanteews this permit day.	ationame under ode well latication harmh	vell, \$ 22-0. VELL Sand in the same is approved the same in the s	ired by Code the fee requ 4-8a from the ll not be rec to be part filed in conved e if	§ 22-4-12b of ired by Code e owner of an quired for from the work front there	Form IV-9, "Recand Regulation 2. § 22-4-12a, and y water well or acturing or stim or which a permi with.	(iv) unless (iv) if ample discelling with the discelling with the discelling as we to is sought to the discelling as we are all owners.	ss loufle, hin
							receipt the		the permit	
location has well location the work pro	s exami on, the oposed	ned th well to be	is prop locatio done at	osed n has this	well beer loca	added to thation, provide	f a mine map he mine map. led, the well	see / of the exists which co The undersigned operator has cong regulations.	vers the are has no obje	a of the ction to
									09/08/2	2023
ite:			, 19	-						
		197					D			

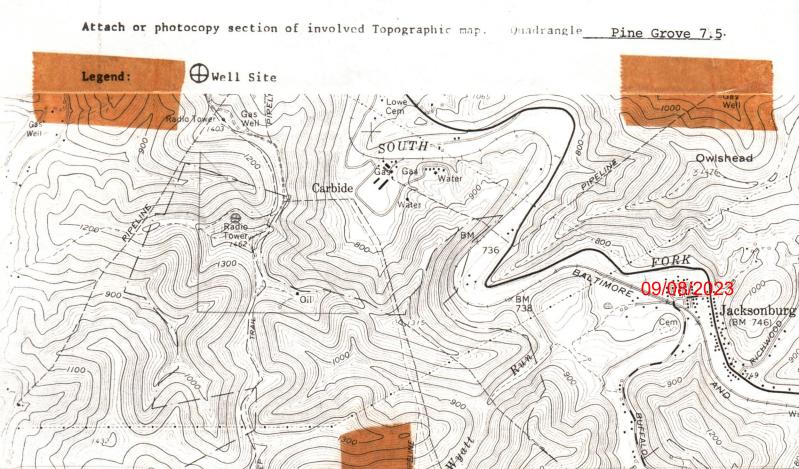
Its

John Mills

Date	August 27	1980
Well No.	2-1836	-rapes distribute country spales
API No.	47 - /03 tate County	- 1194

STATE OF WEST VIRGINIA OFFICE OF OIL AND GAS

Address Telephone 412-462-7121 Earlie Munhall, Pa. 1512Oaddress Telephone 5tate of W Public Nutting AFeat Cons. District Upper Ohio Revegetation to be carried out by Carnegie Natural Gas Company Access Road Access Road Location Access Road Structure Same elevation as (A) Structure Earthen Pit (1) Spacing existing road Structure Spacing Page Ref. Manual Page Ref. Manual Page Ref. Manual Structure (C) Structure Spacing Page Ref. Manual Page Ref. Manual Page Ref. Manual Page Ref. Manual All structures should be inspected regularly and repaired if necessary. Revegetation Treatment Area I Lime Or correct to PH 615 Fertilizer Scott Ibs/acre Fertilizer Ibs/acre	Company Name Carnegie Natural Gas Co.	Designated Agent J.C. Stephenson
Telephone 412-462-7121 Landower State of WV Public Hunting Afeial Cons. District Upper Ohio Revegetation to be carried out by Carnegie Natural Gas Company (Agent) This plan has been reveiwed by Access Road (A) Structure Earthen Pit (1) Spacing existing road (A) Structure Earthen Pit (1) Spacing existing road (A) Structure Earthen Pit (1) Spacing (C) Structure (C)	Address 3904 Main St., Munhall, Pa.	15120Address P.O. Box 387, Mannington, WV 26582
Revegetation to be carried out by Carnegie Natural Gas Company (Agent) This plan has been reveiwed by and additions become a part of this plan. Access Road Structure Same elevation as (A) Structure Earthen Pit (I) Spacing existing road Material Page Ref. Hanual Page Ref. Manual Structure Out Location Structure Out Location Structure Ditch Location Material Page Ref. Manual Page Ref. Manual Structure (C) Structure Spacing Page Ref. Manual All structures should be inspected regularly and repaired if necessary. SEP 1 0 1980 Revegetation Oil & GAS DIVISION Treatment Area I Lime or correct to ph 615 Fertilizer 5008 lbs/acre	Telephone 412-462-7121	Telephore 304-986-2060
Revegetation to be carried out by Carnegie Natural Gas Company (Agent) This plan has been reveiwed by and additions become a part of this plan. Access Road Access Road Location Structure Same elevation as (A) Structure Earthen Pit (1) Spacing existing road Material Page Ref. Manual Structure Ditch Location Structure Ditch Location Structure Office Road Material Page Ref. Manual Structure Spacing 900' Material Page Ref. Manual Structure (C) Structure Spacing Material Page Ref. Manual All structures should be inspected regularly and repaired if necessary. SEP 1 0 1980 Revegetation Treatment Area I Lime or correct to pH 615 Tons/acre or correct to pH 615 Tons/acre Office Revegetation Tons/acre or correct to pH 615 Tons/acre Office Revegetation Tons/acre or correct to pH 615 Tons/acre or correct to pH Tons/acre or correct to pH 615 Tons/acre lbs/acre	Landowner State of WV Public Hunting	Areal Cons. District Upper Ohio
Access Road Access Road Structure Same elevation as (A) Structure Earthen Pit (1) Spacing existing road Material Page Ref. Manual Structure Dith Relat Coss (MB) Spacing Page Ref. Manual Structure Dith Relat Coss (MB) Structure Material Page Ref. Manual Structure (C) Structure Spacing Material Page Ref. Manual Structure (C) Structure Spacing Material Page Ref. Manual All structures should be inspected regularly and repaired if necessary. SEP 1 0 1980 Revegetation Oil & GAS DIVISION Treatment Area I Lime Or correct to pH 615 Fertilizer 500% Ibs/acre or correct to pH Tons/Acre Or correct Des/Acre Or corre		
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Page Ref. Manual Structure Ditch Relat Cosserver Spacing Page Ref. Manual Structure (C) Structure Spacing Material Page Ref. Manual Oil & GAS DIVISION Treatment Area I Tons/acre or correct to pH 615 Fertilizer 500% Ibs/acre (10-20-20 or equivalent) Mulch 100 Bales (2) Tons/Acre Dis/acre Ibs/acre	Structure Same elevation as (A)	Structure Earthen Pit (1)
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Treatment Area I Lime Tons/acre or correct to pH 615 Fertilizer 500% lbs/acre fertilizer lbs/acre lbs/acre for correct to pH Mulch 100 Bales (2) Tons/Acre Mulch Tons/Acre lbs/acre lbs/		21. 2 9 1000
Treatment Area I Lime Tons/acre or correct to pH 615 Fertilizer 500% lbs/acre fertilizer lbs/acre lbs/acre for correct to pH Mulch 100 Bales (2) Tons/Acre Mulch Tons/Acre lbs/acre lbs/	Revegetat	tion Oil & GAS DIVISION
Lime Tons/acre or correct to pH 615 Fertilizer 500* lbs/acre Fertilizer lbs/acre (10-20-20 or equivalent) Mulch 100 Bales (2) Tons/Acre Mulch Tons/Acre Seed* lbs/acre lbs/acre lbs/acre lbs/acre lbs/acre lbs/acre lbs/acre lbs/acre		DEET OF MAINING
or correct to pH 615 or correct to pH	Annual Constitution of the	
Tons/Acre Seed* 1bs/acre Fertilizer 1bs/acre	20110/4020	
Mulch 100 Bales (2) Tons/Acre Mulch Tons/Acre Seed* Seed	**************************************	
Mulch 100 Bales (2) Tons/Acre Mulch Tons/Acre Seed* 30# Kentucky31 lbs/acre Seed* lbs/acre lbs/acre lbs/acre lbs/acre lbs/acre	Fertilizer 500# lbs/acre	
Seed* 30# Kentucky3½lbs/acre Seed* lbs/acre lbs/acre lbs/acre lbs/acre		
lbs/acre lbs/acre lbs/acre lbs/acre	Mulch 100 Bales (2) Tons/Acre	MulchTons/Acre
lbs/acre lbs/acre		The state of the s
*Inoculate all legumes such as vetch trefoil and clovers with the proper	lbs/acre	
*Inoculate all legumes such as vetch trefoil and clovers with the proper	47	
bacterium. Inoculate with 3X recommended amount.		

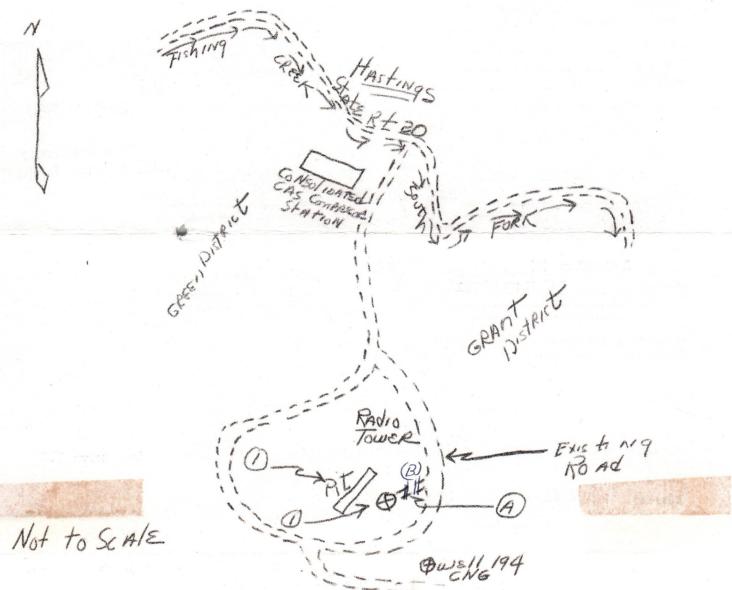


A-5

Well Site Plan

 Diversion
Spring O
Wet Spot
Building
Drain Pipe
Waterway

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.



Comments: All brush to be piled for game refuge in accordance with Game Warden, and will remain as Wild Life Harbor.

Signature: America Signature: Mannington, WV 26582 304-986-2060

Address

Phon**@9/08/2023**

Please request landowners cooperation to protect new seeding for one growing season.

B-1

FORM IV-35 (Obverse)

S	LATE	OF WES	ST V	ERGIN	NIA	
EPARTMENT	OF	MINES,	OIL	AND	GAS	DIVISION

Date	Nov.	4	,	19	8
Operator's					
Well No		7-7	026		

[08-78]

WELL OPERATOR'S REPORT 18

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

API Wel No. 47 - 103 - 1194
CHANGE State County Permit

WELL TYPE: (04.1	/ C	25 ¥	/ Lig	uid Injecti	on /	Wasta D	isposal /	
									Challer Y ()
				and the same					Shallow X/)
								shing Creek	Pine Grove 7.5
									C. Stephenson, Div. Su
Address							Address	Man	nington, WV 26582
PERMITTED WOL						deener	/ Redi	od 11 / P	racture or stimulate X
BRITITED WOT					/ Pe				
				A same				The state of the s	
	Lack		, 51041		111 (0)			10.2	
PERMIT ISSUE	D ON	Sep	t. 4	,	19_80_	OIL	& GAS INS	PECTOR FOR TH	IIS WORK:
(IF APPLICAB						Name		Phillip L.	Tracy
REWORKI	NG. VE	CRBAL F	PERMISSI	ON OBTA	INED		Address	PO Box 173,	Middlebourne, WV 2614
			, 19		Alexander			Depth	5950 Feet
								able Tools	
					feet; s			No.	
								the area? No	
CASING AND T				pc. 27				- October 4	, 19_80
CASING OR TUBING TYPE	11 1		weight			1		CEMENT FILL- OR SACKS (Cubic feet	PACKERS
Conductor	11-3/	1 H40	42#	x	,	1	oulled		Kinds
Fresh water									Destal stage
Coal									Sizes
Intermediate	8-5/	3 K55	24#	x	232	22	2322	630 sacks	
Production	4-1/	2 J55	10.50	x	429	92	4292	540 sacks	Depths set
Tubing							-		
Liners						10715	361		Perforations:
						The same of			Top Bottom
						ΔP	R - 9 19	81	
OPEN FLOW DA		nation	Fi	ir Sand fty Foo eechley	ot Sand	DEP.	& GAS DI	MINEE	2793-3018 3208-3280 oth 3905-4198 feet
Ga Ga	s: Ini	tial c	pen flo	w,	223 Mcf/d	011:	Initial	open flow,	Bb1/d
	Fin	al ope	en flow,		440 Mcf/d		Final c	pen flow,	Bb1/d
								ts, 120 hou	
	atic ro	ck pre	essure,			race meas	urement)	after 10	ours 09/08/2023
St					pletion]	race meas	urement)	after	ours 09/08/2023
St [If app	licable	due t	to multi	iple com	ipletion]				thfeet
St [If app Second	<i>licable</i> produci	due tong	multion	ple com	apletion]			Pay zone der	

Static rock pressure, _____ psig (surface measurement) after ____ hours shut in

[08-78]

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

Perforations:

2793 - 3018

17 holes

3208 - 3280 3905 - 4198 22 holes 24 holes

Fractured 10/23/80

1st Stage:

500 Gals. 15% HCL Acid

20,000# 80/100 Sand

40,000# 20/40 Sand

530 Bbls. Water

2nd Stage:

500 Gals. 15% HCL Acid 20,000# 80/100 Sand

40,000# 20/40 Sand

543 Bbls. Water

3rd Stage:

500 Gals. 15% HCL Acid

20,000# 80/100 Sand

WELL LOG

40.000# 20/40 Sand

		Hard or	/3 538 BI	pls _{Bot} water	Remarks Including indication of all fresh
FORMATION	Color	Soft	Top Feet	Feet	Including indication of all fresh and salt water, coal, oil and gas
Clay			0	7	
Shale			7	25	
Sand			25	80	
Shale			80	340	
Red Rock			340	385	
Sandy Shale			385	425	
Red Rock			425	435	
Shale			435	590	
Sandy Shale			590	700	
Coal			700	705	
Gray Shale			705	1130	
White Sand			1130	1200	
Shale			1200	2040	
Lime and Sand			2040	2080	
White Sand		Control Services	2080	2370	State of the state
Lime and Sand			2370	2425	
Sand and Shale	Last and the second		2425	2555	White the state of
Sand			2555	2685	
Shale			2685	2760	
Sandy Shale			2760	2940	
Shale			2940	3955	
Sand (white)		I be trees	3955	4070	
Shale (gray)			4070	5100	
Sand (gray)			5100	5170	10.00 m 10.00
Sandy Shale (gray)			5170	5997	
Total Depth			5997		
	The second				
					The second second
	-				

(Attach separate sheets to complete as necessary)

09/08/2023

Regulation 2.02(i) provides as follows: NOTE:

"The term 'log' or 'well log' shall mean a systematic, detailed geologial record of all formations, including coal, encountered in the drilling of a well."

B-3

Drilling completed_____

Date shot_

Volume_

Oil

Rock pressure_

Fresh water_

Drillers' Names.

Salt water_

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



DEPT. OF MINES

Perf. top___

Perf. top___

Perf. bottom_

Perf. bottom_

INSPECTOR'S WELL REPORT OIL & GAS DIVISION

Permit No. 103-1194 Oil or Gas Well_ CASING AND USED IN Leftin PACKERS Well Siza Kind of Packer___ Size of 2056 65% Depth set___ Drilling commenced_ 5 3/16_

Liners Used.

_Cu. Ft.

bbls., 1st 24 hrs.

hrs.

feet

feet

Total depths

____Depth of shot.

lbs.

feet

Initial open flow_____/10ths Water in___Inch

Open flow after tubing_____/10ths Merc. in____Inch

CASING CEMENTED SS SIZE 2056 No. FP -30-Pate

NAME OF SERVICE COMPANY

COAL WAS ENCOUNTERED AT____

INCHES FEET_ INCHES FEET

INCHES FEET_ INCHES FEET

Remarks:

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.				Wel	I No	
EOMPANY	MPANYADDRESS					mark
FARM						
'illing Material Used						
iner	Location	Amount	Packer	Location		
PLUGS USE	D AND DEPTH PLACED		BRIDGES		G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
						2001
					-	
						Jegg 6 T
						-
	N	Y.				15 4 51 7
11.						
	B 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					
		1			- A Landau Landau	Constitution of the Paris
illers' Names				The same of the sa		
marks:						
	I hereby certify I vis	sited the above	well on this date			
DATE		com	on this date.			

B-11

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

rmit No. 10 3-1194			Oil or Gas Well				Managara oran kurupun Acapanan
mpany Carnegil	Casco		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
1904 main St	nenhall	PA	Size				
Interio welzel	Public Hus	timare	16			_ Kind of Pacl	cer
ell No. 2-1836		4	10			Size of	2 .
strict Green	County	elzel	8 ½			Depth set_	
rilling commenced			5 3/16			Dept. 3	~
rilling completed	Total dept	h	3			Perf. top	
ate shot	Depth of shot_		2			Perf. botton	
nitial open flow	/10ths Wate	er inInch	Liners Used			Perf. topPerf. bottor	
pen flow after tubing	/10ths Merc	. inInch					quadronis su indicata la chialla resenta
olume		Cu. Ft.	CASING CEMI			No. FT	Da
ock pressure	lbs	hrs.	NAME OF SE	RVICE COMP	PANY		1
11	bb	ols., 1st 24 hrs.	COAL WAS E	NCOUNTERE	D AT	FEET	INCHI
resh water	feet	feet	FEE	rINC	CHES	FEET	INCH
alt water	feet	feet	FEE	rIN(Charles and the same of the sa	FEET_	7 868 7 90 97
rillers' Names					(2)	MAR 23	S SEE SEED SEE
							S DIVISIO

3-17-82

R.A. LOGIOSTEO 512

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Packer BRIDGES CONSTRUCTION-LOCATI	COUNT	VLocation		UBING
Packer SRIDGES		Location	AND TO	
Packer		CASING	AND TO	UBING
Packer		CASING	AND TO	UBING
PRIDGES		CASING	AND TO	UBING
The parties of the contract of	ION REC	CASING	AND TO	UBING
CONSTRUCTION-LUCATI	ON REC	1		
			MIXE	LOE
			The state of the s	
	1			Treat of the
	The same of the sa			
		We obligate		
		70 260		
				1
		And the second s	published and the state of	-
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State of Mest Airginia Department of Mines Gil and Gas Division Charleston 25305

WALTER N. MILLER

March 31, 1982

Carnegie Natural Gas Company 3904 Main Street Munhall, Pennsylvania 15120

Dear Sir:

The required records and reports have been received in this office and the District Inspectors have submitted Final Inspections for the following wells listed below:

PERMIT NO.	FARM AND WELL NO.	DISTRICT
WET-1194	Lewis Wetzel Public Hunting Area #Mills 2-1836	Green
WET-1229	S. J. Kilcoyne Estate #8-1848	Grant

In accordance with Chapter 22, Article 4, Section 2, the bond coverage for above captioned wells will stay in force for life of well. Reclamation requirements have been approved.....

Fred Burdette

H7 9-8-80 N70-09W 2269.08 + 72 00 -1 S 23-03 W N00-00E 460.0 N76-52W 225.72 Well no. 1936 stone elev= 1427 N 30-14F 70-1160.94 798.6 -2 S 23 - 03 W N88-30W 1798.5 stone LONGITUDE N12-02W 468.6 stone N33-52W 214.5 -3 15' N77-44 7- 42E 495.0 S67-N70-52W TIOI. N63-02W 577.5 \$59-28W N41-21W 188.1 N86-02W S38-32E 0 990.0 SOI-25W 677.82 546-16W S17-31W N 52-20 W 697.62 The certain tract of land shown is taken from orginal 5000 acres owned by John Mills heirs N24-10E and known as "Lewis Wetzel Public Hunting Area " \$52-30\ 584.76 N81-19W 891.0 Minimum Error of Closure | in 200 Source of Elevation TAKEN FROM TOWER, ELEVATION = 1462 I, the undersigned, hereby certify that this map is correct to the best of my know-ledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia. Fracture equired by paragraph 6 of the rules he mining laws of West Virginia. New Location.... Drill Deeper..... Signed: 4 0 Map No. Abandonment Squares: STATE OF WEST VIRGINIA Company CARNEGIE NATURAL GAS DEPARTMENT OF MINES Address MUNHALL, PENNSYLVANIA OIL AND GAS DIVISION CHARLESTON Farm LEWIS WETZEL PUBLIC HUNTING AREA (JOHN MILLS) Acres 5,000 Lease No. 3476 WELL LOCATION MAP Well (Farm) No. 2-1836 Serial No. 1836 103-1194 Elevation (Spirit Level) 1427' LittleTON Quadrangle PINE GROVE 09/08/2023 County WETZEL District GREEN + Denotes location of well on United States Topographic Maps, scale 1 to Engineer Walter G. Gilbertson , latitude and longitude lines being represented by Engineer's Registration No. C.E. 5112 border lines as shown. Drawing No .. - Denotes one inch spaces on border line of 1"= 1000 original tracing. Date August 9, 1980 Scale TRASCO. MC475 5950 ALEXANDER