

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Unknown
Address _____

GEOLOGICAL TARGET FORMATION, Devonian Shale

Estimated depth of completed well, 4220 feet Rotary / Cable tools _____ /

Approximate water strata depths: Fresh, 50 feet; salt, 500 feet.

Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			New	Used	FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft			For drilling	Left in well		
Conductor	13 3/8	H-40	48#	X		30'	30'	To surface	Kinds
Fresh Water	9 5/8	H-40	36#	X		475'	475'	CTS	
Coal									Sizes
Intermediate	7"	J-55	17#	X		2555'	2555'	150 sacks as req.	Rule 15.01
Production	4 1/2"	J-55	9.5#	X		4170'	4170'	300 sacks	Depths set
Tubing	2 3/8	J-55	4.6#	X		4125'	4125'		
Liners									Perforations:
									Top Bottom
Producing formation will be stimulated									

NOTE: 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.

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.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR Drilling. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 1-12-83.
BY J. W. Huggins

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.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location 02/16/2024 proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19____

By _____
Its _____ *file*



IV-9
(Rev 8-81)

DATE APRIL 4, 1982
WELL NO. I-A MORRIS
API NO. 47-039-3864

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PEAKE OPERATING COMPANY DESIGNATED AGENT PAUL W. LAWRENCE
Address 201 DUNBAR OFFICE PARK, DUNBAR 25064 Address SAME
Telephone (304) 766-6133 Telephone _____
LANDOWNER CHARLES MORRIS, JR. SOIL CONS. DISTRICT CAPITOL
Revegetation to be carried out by UNDESIGNATED AT PRESENT (Agent)

This plan has been reviewed by CAPITOL SCD. All corrections
and additions become a part of this plan: APR 30 1982 (Date)
R. C. Alford (SCD Agent)

RECEIVED

MAY - 7 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

ACCESS ROAD	LOCATION
Structure <u>CULVERTS</u> (A)	Structure <u>DRIVING PIT</u> (1)
Spacing <u>2-10% GRADE, 12" DIAMETER</u>	Material <u>EARTHEN</u>
Page Ref. Manual <u>2-8</u>	Page Ref. Manual _____
Structure <u>SEDIMENT BARRIER</u> (B)	Structure <u>CUT OR FILL</u> (2)
Spacing <u>RIP RAP OR HAY BALES</u>	Material <u>EARTHEN</u>
Page Ref. Manual <u>2-16</u>	Page Ref. Manual _____
Structure <u>EXISTING WATERWAYS</u> (C)	Structure <u>DIVERSION DITCH</u> (3)
Spacing <u>2</u>	Material <u>EARTHEN</u>
Page Ref. Manual <u>N/A</u>	Page Ref. Manual <u>2-12</u>

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I	Treatment Area II
Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>	Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>HAY</u> <u>2.0</u> Tons/acre	Mulch <u>HAY</u> <u>2.0</u> Tons/acre
Seed* <u>KY. 31 TALL FESCUE</u> <u>20</u> lbs/acre	Seed* <u>KY. 31 TALL FESCUE</u> <u>30</u> lbs/acre
<u>FLATPEA</u> <u>20</u> lbs/acre	<u>CROWN VETCH</u> <u>10</u> lbs/acre
_____ lbs/acre	_____ lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY Paul W. Lawrence 02/16/2024
ADDRESS 201 Dunbar Office Park
Dunbar, West Va. 25064
PHONE NO. (304) 766-6133

NOTES: Please request landowner's cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE ALUM CREEK

LEGEND

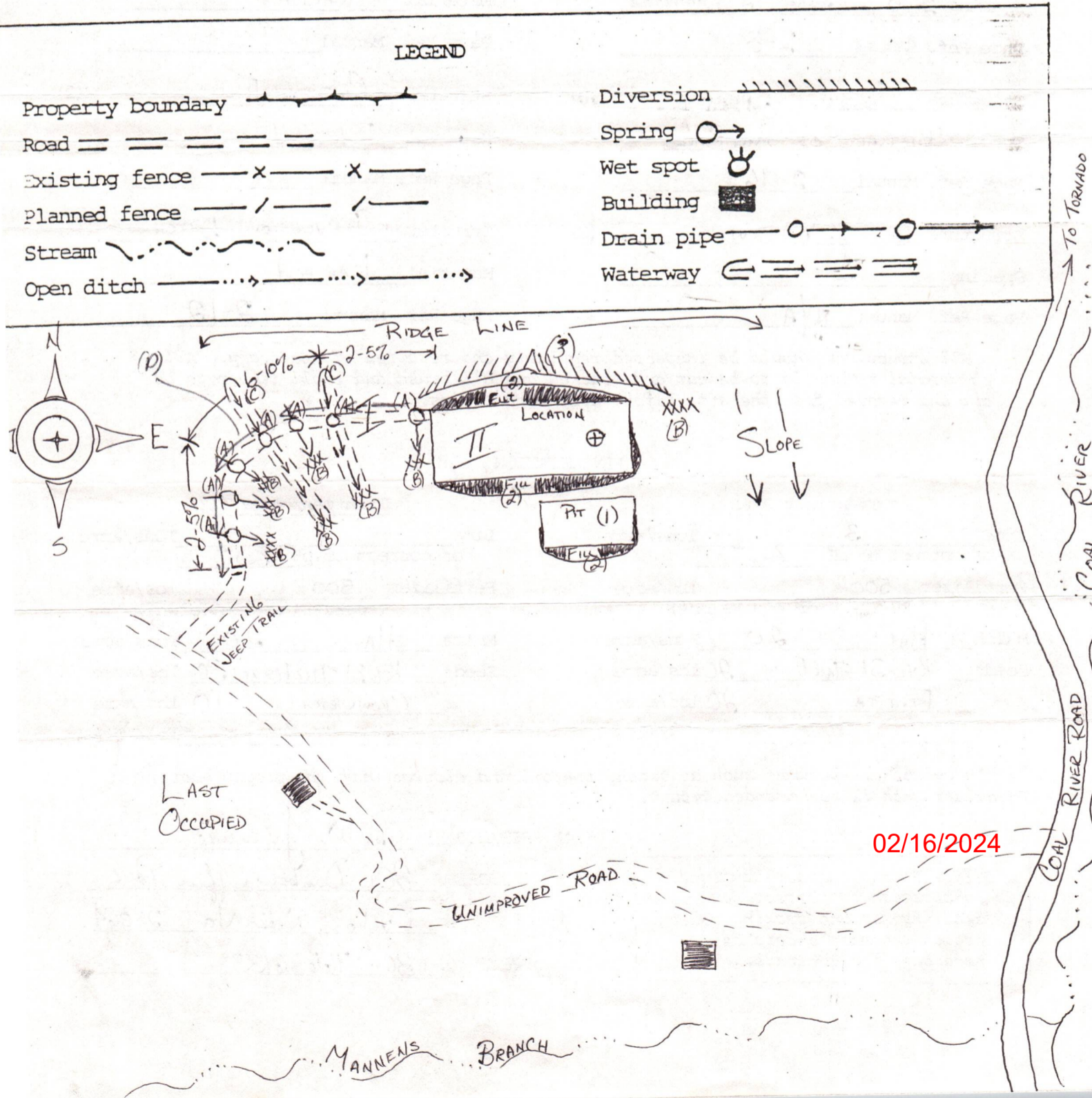
Well Site ⊕

Access Road ———

NOTE: LOCATION IS BEING BUILT ON A GENTLE SLOPE BELOW & PARALLEL TO THE RIDGELINE. THE TWO RUNS SHOWN WILL BE CULVERTED & FILLED FOR THE ACCESS ROAD.

WELL SITE PLAN

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



RECEIVED

MAY - 7 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Soil Conservation - our #1-A Morris
well is marked in red on this map -
access by dirt road nearly all the way.
Morris is located on a topographic bench
below the ridge line

02/16/2024

Roger Wise

PEAKE OPERATING CO

Dunbar

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

Perforated Lower Huron: 15 holes from 3636-3733; 25 holes from 3930-4041;
 Foam-fraced upper zone: 500 gal. acid; 30,000# 20/40; 619,000 SCFN₂; 207 bbl. fluid;
 BPD 3400# (2 breaks), ATP 3114#, MTP 3500#; ISIP 1600#, 15 min. SIP 1200#
 Foam-fraced lower zone: 500 gal. acid; 45,000# 20/40, 15,000# 10/20; 712,000 SCFN₂;
 276 bbl. fluid; BPD 1300, 2050, and 2700#; ATP 1969, MTP 2800#; ISIP 1300#, 15 min. SIP
 950#.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0	1780	Drilled on fluid to 2330'
Big Lime			1780	1980	Gas checks:
Shale			1980	2002	2463 - N/S
Injun			2002	2045	2493 - 5/10 W 2" = 94 Mcd
"Weir"			2045	2195	3663 - 3/10 W 2" = 73 Mcd
Shale			2195	2455	3940 - 3/10 W 2" = 73 Mcd
Coffee Shale			2455	2476	4200 - 4/10 W 2" = 84 Mcd
Berea			2476	2498	
Shale			2498	3676	
Lower Huron, upper member			3676	3717	
Shale			3717	3960	
Lower Huron, lower member			3960	4111	
Shale			4111	T. D.	
	DTD			4200	
	LTD			4230	

(Attach separate sheets as necessary)

PEAKE OPERATING CO
 Well Operator
 By: Gloyd B. Nelson 02/16/2024
 Date: _____

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 coal, encountered in the drilling of a well."

RECEIVED

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

JUN 18 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 47-039-3864

Oil or Gas Well Gas
(KIND)

Company Peake Operating Company
 Address Dunbar, WV
 Farm A. Morris
 Well No. #1
 District Washington County Kennewa
 Drilling commenced 6-14-82
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used _____			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: Drilling at -222 ft Repairing Drilling motor

6-15-82

Martin B. Nichols
02/16/2024
508

RECEIVED

JUN 18 1988

DEPARTMENT OF MINES
OIL AND GAS DIVISION

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner _____ Location _____ Amount _____ Packer _____ Location _____

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

DATE _____ I hereby certify I visited the above well on this date.

02/16/2024

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

RECEIVED

JUN 22 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 47-039-3864

Oil or Gas Well Gas
(KIND)

Company <u>Peake Operating Company</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Dunbar, WV</u>	Size			
Farm <u>Morris</u>	16			Kind of Packer
Well No. <u>#1A</u>	13			
District <u>Washington</u> County <u>Kanawha</u>	10 <u>9 5/8</u>	<u>482</u>	<u>482</u>	Size of
Drilling commenced <u>6-14-82</u>	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>9 5/8</u> SIZE <u>482</u> No. FT. <u>6-1682</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Haliburton</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Cemented with 175 Bags
Drilling at 1520ft

6-18-82

Martin B. ...
508
02/16/2024

RECEIVED

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner _____ Location _____ Amount _____ Packer _____ Location _____

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

DATE _____ I hereby certify I visited the above well on this date.

02/16/2024



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

COMPANY Peake Operating
Charleston

PERMIT NO 039-3864
FARM & WELL NO Morris / A-1
DIST. & COUNTY Washington / Kan

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work		
25.04	Prepared before Drilling to Prevent Waste		
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 Strength		
15.05	Cement Type		
23.02	Maintained Access Roads		
25.01	Necessary Equipment to Prevent Waste		
23.04	Reclaimed Drilling Pits		
23.05	No Surface or Underground Pollution		
23.07	Requirements for Production & Gathering Pipelines		
16.01	Well Records on Site		
16.02	Well Records Filed		
7.05	Identification Markings		

RECEIVED
JUN 18 1984
OIL & GAS DIVISION
DEPT. OF MINES

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Loel Dye
DATE 6/15/84

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

T. H. ...
Administrator-Oil & Gas Division

June 27, 1984
DATE

1.0 API well number: (If not available, leave blank. 14 digits.)	047-039-3864																		
2.0 Type of determination being sought (Use the codes found on the front of this form.)	<table style="width:100%; border: none;"> <tr> <td style="text-align: center; border: none;">107</td> <td style="border: none;"></td> </tr> <tr> <td style="text-align: center; border: none;">Section of NGPA</td> <td style="text-align: center; border: none;">Category Code</td> </tr> </table>	107		Section of NGPA	Category Code														
107																			
Section of NGPA	Category Code																		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4,041 feet																		
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<table style="width:100%; border: none;"> <tr> <td style="border: none;">Peake Operating Co.</td> <td style="text-align: right; border: none;">004926</td> </tr> <tr> <td style="border: none;">Name</td> <td style="text-align: right; border: none;">Seller Code</td> </tr> <tr> <td colspan="2" style="border: none;">Suite 423, Charleston National Plaza</td> </tr> <tr> <td colspan="2" style="border: none;">Street</td> </tr> <tr> <td colspan="2" style="border: none;">Charleston, WV 25301</td> </tr> <tr> <td style="border: none;">City</td> <td style="border: none;">State Zip Code</td> </tr> </table>	Peake Operating Co.	004926	Name	Seller Code	Suite 423, Charleston National Plaza		Street		Charleston, WV 25301		City	State Zip Code						
Peake Operating Co.	004926																		
Name	Seller Code																		
Suite 423, Charleston National Plaza																			
Street																			
Charleston, WV 25301																			
City	State Zip Code																		
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.):	<table style="width:100%; border: none;"> <tr> <td colspan="2" style="border: none;">N/A (Washington District)</td> </tr> <tr> <td style="border: none;">Field Name</td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Kanawha</td> <td style="text-align: right; border: none;">WV</td> </tr> <tr> <td style="border: none;">County</td> <td style="text-align: right; border: none;">State</td> </tr> </table>	N/A (Washington District)		Field Name		Kanawha	WV	County	State										
N/A (Washington District)																			
Field Name																			
Kanawha	WV																		
County	State																		
(b) For OCS wells:	<table style="width:100%; border: none;"> <tr> <td style="border: none;">Area Name</td> <td style="border: none;">Block Number</td> </tr> <tr> <td colspan="2" style="border: none;">Date of Lease:</td> </tr> <tr> <td style="border: none;"> <table style="width:100%; border: none;"> <tr> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> </tr> <tr> <td style="border: none;">Mo.</td> <td style="border: none;">Day</td> <td style="border: none;">Yr.</td> <td colspan="3" style="border: none;"></td> </tr> </table> </td> <td style="border: none;">OCS Lease Number</td> </tr> </table>	Area Name	Block Number	Date of Lease:		<table style="width:100%; border: none;"> <tr> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> </tr> <tr> <td style="border: none;">Mo.</td> <td style="border: none;">Day</td> <td style="border: none;">Yr.</td> <td colspan="3" style="border: none;"></td> </tr> </table>	_	_	_	_	_	_	Mo.	Day	Yr.				OCS Lease Number
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_	_	_	_	_	_														
Mo.	Day	Yr.																	
(c) Name and identification number of this well: (35 letters and digits maximum.)	Morris #1-A																		
(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.)	<table style="width:100%; border: none;"> <tr> <td style="border: none;">Unknown</td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Name</td> <td style="text-align: right; border: none;">Buyer Code</td> </tr> </table>	Unknown		Name	Buyer Code														
Unknown																			
Name	Buyer Code																		
(b) Date of the contract:	<table style="width:100%; border: none;"> <tr> <td style="border: none;"> <table style="width:100%; border: none;"> <tr> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> </tr> <tr> <td style="border: none;">Mo.</td> <td style="border: none;">Day</td> <td style="border: none;">Yr.</td> <td colspan="3" style="border: none;"></td> </tr> </table> </td> <td style="border: none;"></td> </tr> </table>	<table style="width:100%; border: none;"> <tr> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> <td style="border: none;"> _ </td> </tr> <tr> <td style="border: none;">Mo.</td> <td style="border: none;">Day</td> <td style="border: none;">Yr.</td> <td colspan="3" style="border: none;"></td> </tr> </table>	_	_	_	_	_	_	Mo.	Day	Yr.								
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_	_	_	_	_	_														
Mo.	Day	Yr.																	
(c) Estimated annual production:	5 MMcft.																		

	(a) Base Price (\$/MMBTU)	(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 decimal places.)	-----	-----	-----	-----
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	5.420	-----	-----	5.420

Agency Use Only
Date Received by Juris. Agency
DEC. 2 1982
Date Received by FERC

Floyd B. Wilcox Attorney in fact
Name Title

Signature

12/1/82 (304) 342-6970
Date Application is Completed Phone Number

02/16/2024

MAR 29 1983

BUYER-SELLER CODE

PARTICIPANTS:

DATE:

WELL OPERATOR:

Peake Operating Co.

004926

FIRST PURCHASER:

Unknown

OTHER:

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
821202-107-039-3864
 Use Above File Number on all Communications
 Relating to Determination of this Well

Qualifies

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 Items not completed - Line No. 7.0M/1 8.0 b,c,d
- 2. IV-1 Agent Floyd B. Wilcox
- 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 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. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? Affidavit Signed
- 18-28. Other: Survey Logs Geological Charts
 Structure Map 1: 4000 Map Well Tabulations
 Gas Analyses
- (5) Date commenced: 6.14.82 Date completed 6.22.82 Deepened
- (5) Production Depth: 3636-4041
- (5) Production Formation: Devonian Shale
- (5) Final Open Flow: 187 MCF
- (5) After Frac. R. P. 525# 48hrs.
- (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: PSIG from Daily Report
- (5) Oil Production: From Completion Report
- 10-17. Does lease inventory indicate enhanced recovery being done NO
- 10-17. Is affidavit signed? Notarized?
- Does official well record with the Department confirm the submitted information? yes
- Additional information Does computer program confirm?
- Was Determination Objected to By Whom?

02/16/2024

77D

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's
Well No. Morris #1-A

API Well No.

47 - 039 - 3864
State County Permit

WELL CLASSIFICATION FORM
HIGH COST GAS WELL - DEVONIAN SHALE
NGPA Section 107

DESIGNATED AGENT Floyd B. Wilcox

ADDRESS Suite 423 Charleston National Plaza
Charleston, WV 25301

LOCATION Elevation 975'
Watershed Mannen's Branch of Coal River

Dist. Washington County Kanawha Quad. Alum Creek 7 1/2"

Gas Purchase
Contract No. N/A

Meter Chart Code N/A

Date of Contract N/A

WELL OPERATOR Peake Operating Co.

ADDRESS Suite 423 Charleston Nat'l Plaza
Charleston, WV 25301

GAS PURCHASER Unknown

ADDRESS _____

* * * * *

Date surface drilling began: June 14, 1982

Indicate the bottom hole pressure of the well and explain how this was calculated.

BPH = P_e (GD/53.34 T)
= 572.6

P = Wellhead Pressure = 525 psi
G = Specific Gravity = .71
D = Depth to Midpoint of Perforation = 3839
T = Average Temperature (K°) = (T° + 460°)
= 589°
129 + 460

AFFIDAVIT

I, Floyd B. Wilcox, having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

Floyd B. Wilcox

STATE OF WEST VIRGINIA

COUNTY OF KANAWHA, TO-WIT:

I, CATHY L. HANSFORD, a Notary Public in and for the state and county aforesaid, do certify that FLOYD B. WILCOX, whose name is signed to the writing above, bearing date the 1st day of DECEMBER, 1982, has acknowledged the same before me, in my county aforesaid.

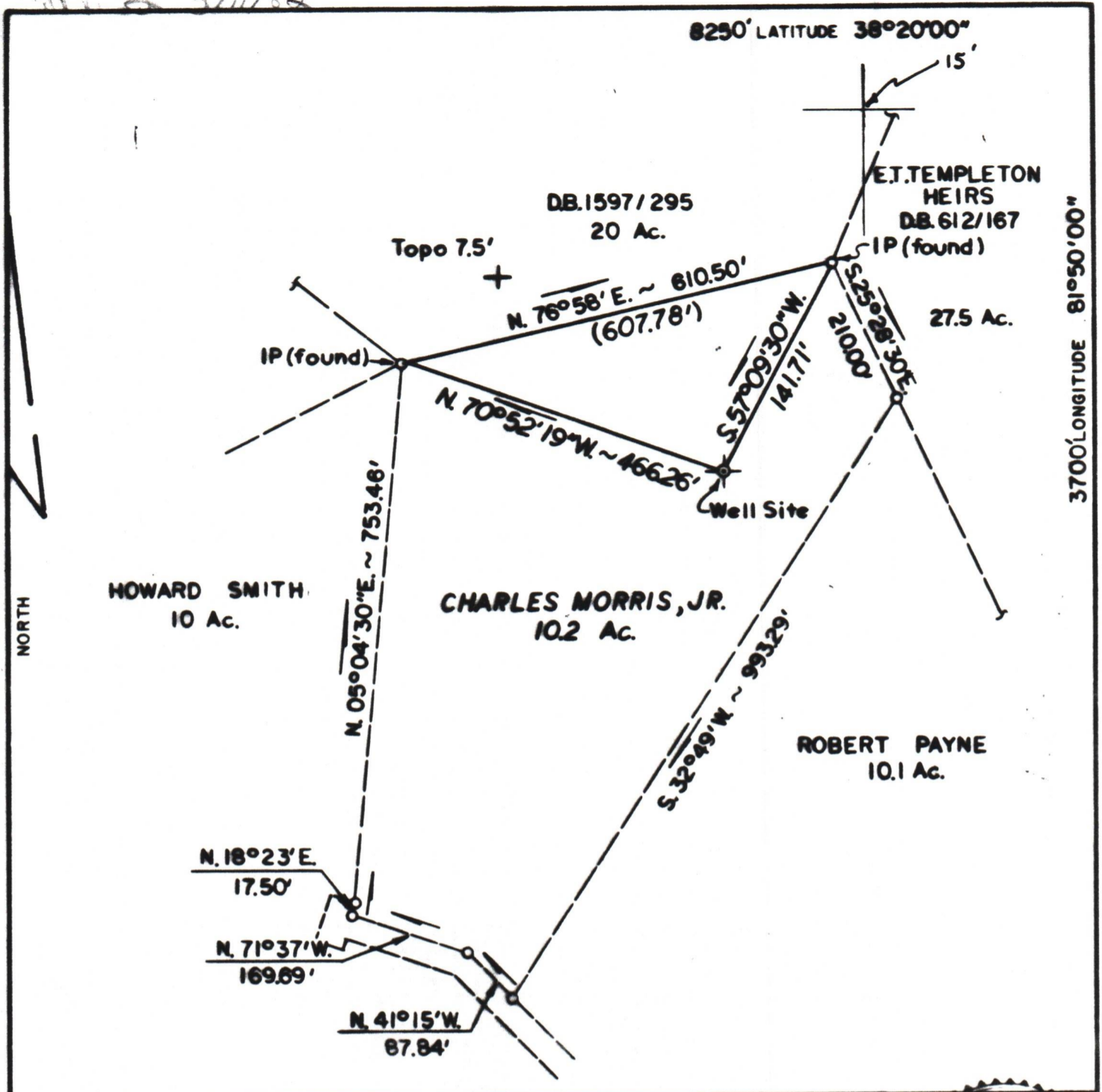
02/16/2024

Given under my hand and official seal this 1st day of DECEMBER, 1982.

My term of office expires on the 21st day of SEPTEMBER, 1992.

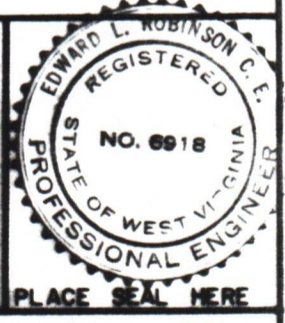
(NOTARIAL SEAL)

Cathy L. Hansford
Notary Public



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION Intersection of Rt. 3 & Rt. 9 = 632'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) _____
 R.P.E. 6918 L.L.S. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



DATE March 19 1982
 OPERATOR'S WELL NO. I-A Morris
 API WELL NO. 47-039-3864
 STATE COUNTY PERMIT

Department of Mines
 Oil & Gas Division

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 975.46' WATER SHED Mannens Branch, Tributary of Coal River
 DISTRICT Washington COUNTY Kanawha
 QUADRANGLE Alum Creek
 SURFACE OWNER Charles Morris Jr. ACREAGE 10.20
 OIL & GAS ROYALTY OWNER Joseph L. Smith Heirs LEASE ACREAGE 115
 LEASE NO. 39942 02/16/2024
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
 STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Brown Shale ESTIMATED DEPTH 4500'
 WELL OPERATOR Peake Operating Co. DESIGNATED AGENT Floyd Wilcox
 ADDRESS 201 Dunbar Office Park ADDRESS Dunbar Office Park
Dunbar, W.V. Dunbar, W.V.