





(Revised 3-81)

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) \_\_\_\_\_

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Shale  
Estimated depth of completed well 5690 feet. Rotary X / Cable tools     /  
Approximate water strata depths: Fresh,     feet; salt,     feet.  
Approximate coal seam depths:      
Is coal being mined in this area: Yes     / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill-ling	Left in Well		
Conductor	13-3/8	H40	48	X		40	40		Kinds
Fresh water	9-5/8	H40	32.3	X		200	200	Cement to surface	
Coal									Sizes
Intermed.	7	K55	20	X		3050	3050	Cement to top	Salt Sand
Production	4-1/2	K55	9.5	X		3050	5690	Cement to 3000'	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

*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 6-6-83.**  
**BY [Signature]**

*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:*

W A I V E R

The undersigned coal operator     / owner     / lessee     / of the coal under this well location has examined this 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 regularions.

Date: \_\_\_\_\_, 19\_\_\_\_.

By: \_\_\_\_\_

Its: \_\_\_\_\_

02/16/2024



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SEP 20 1982

IV-9 (Rev 8-81) OCT 1 - 1982

OIL AND GAS DIVISION WV DEPARTMENT OF MINES

State of West Virginia Department of Mines Oil and Gas Division

DATE SEPT. 17, 1982

WELL NO. CHESAPEAKE MINING 4

API NO. 47 - 039 - 3910

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PENNZOIL COMPANY

DESIGNATED AGENT JAMES A. CREWS

Address P.O. Box 1588, Parkersburg, WV

Address Box 1588, Parkersburg, W.V.

Telephone 422-6565

Telephone 422-6565

LANDOWNER Chesapeake Mining Co.

SOIL CONS. DISTRICT Capitol

Revegetation to be carried out by COMPANY EMPLOYEES (Agent)

This plan has been reviewed by CAPITOL SCD. All corrections and additions become a part of this plan:

SEP 29 1982

(Date)

R. C. Allford

(SCD Agent)

ACCESS ROAD

LOCATION

Structure Culvert 12" Min. (A)

Structure Diversion Ditch (1)

Spacing Pon sketch

Material Earthen

Page Ref. Manual 2-7 & 2-8 Table 3

Page Ref. Manual 2-12

Structure Drainage Ditches (B)

Structure Drilling Pit (2)

Spacing Pon sketch

Material earth

Page Ref. Manual 2-12 & 2-14

Page Ref. Manual

Structure (C)

Structure (3)

Spacing

Material

Page Ref. Manual

Page Ref. Manual

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 3 Tons/acre or correct to pH 6.5

Lime 3 Tons/acre or correct to pH 6.5

Fertilizer 500 lbs/acre (10-20-20 or equivalent)

Fertilizer 500 lbs/acre (10-20-20 or equivalent)

Mulch Straw 2 Tons/acre

Mulch Straw 2 Tons/acre

Seed\* Ky 31 Fescue 30 lbs/acre

Seed\* Ky 31 Fescue 30 lbs/acre

Birdsfoot Trefoil 10 lbs/acre

Birdsfoot Trefoil 10 lbs/acre

lbs/acre

lbs/acre

02/16/2024

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

PLAN PREPARED BY Curtis A. Lucas

ADDRESS P.O. Box 1588

Parkersburg, W.V.

PHONE NO. 422-6565

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

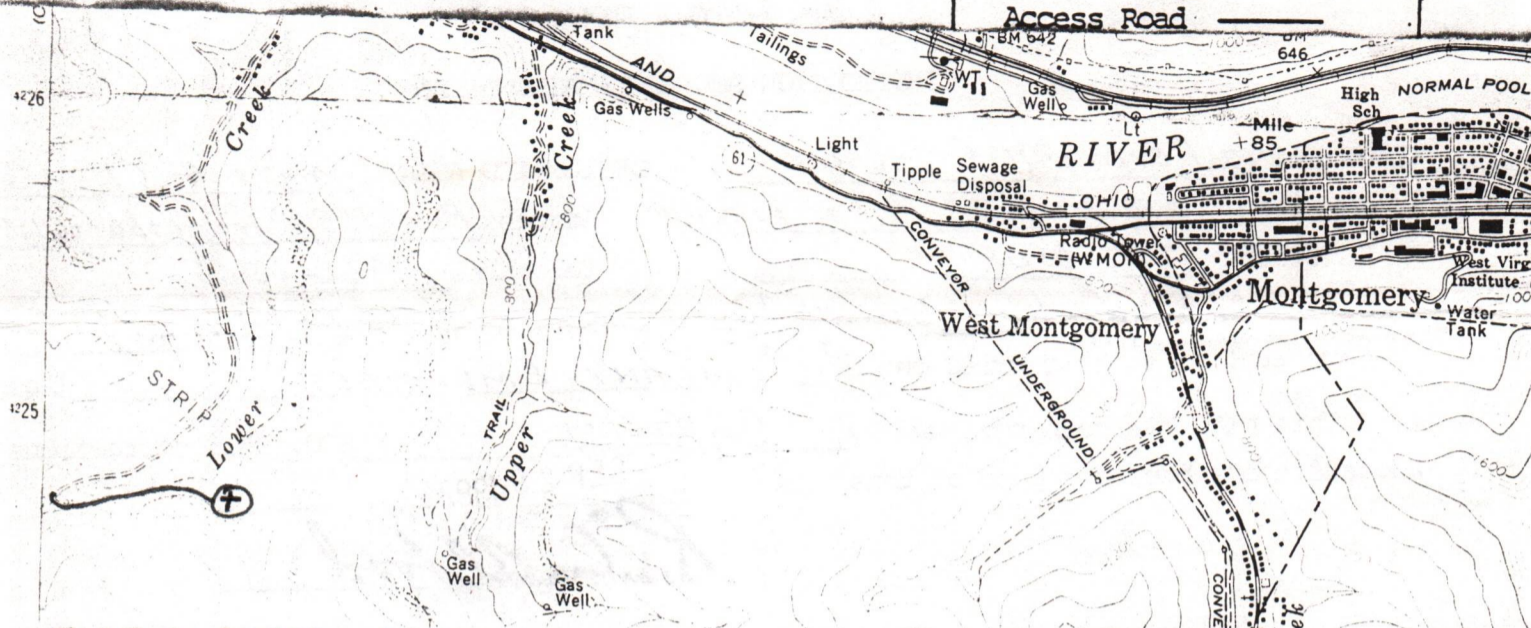


ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE MONTGOMERY 7 1/2'

**LEGEND**

Well Site ⊕

Access Road ———

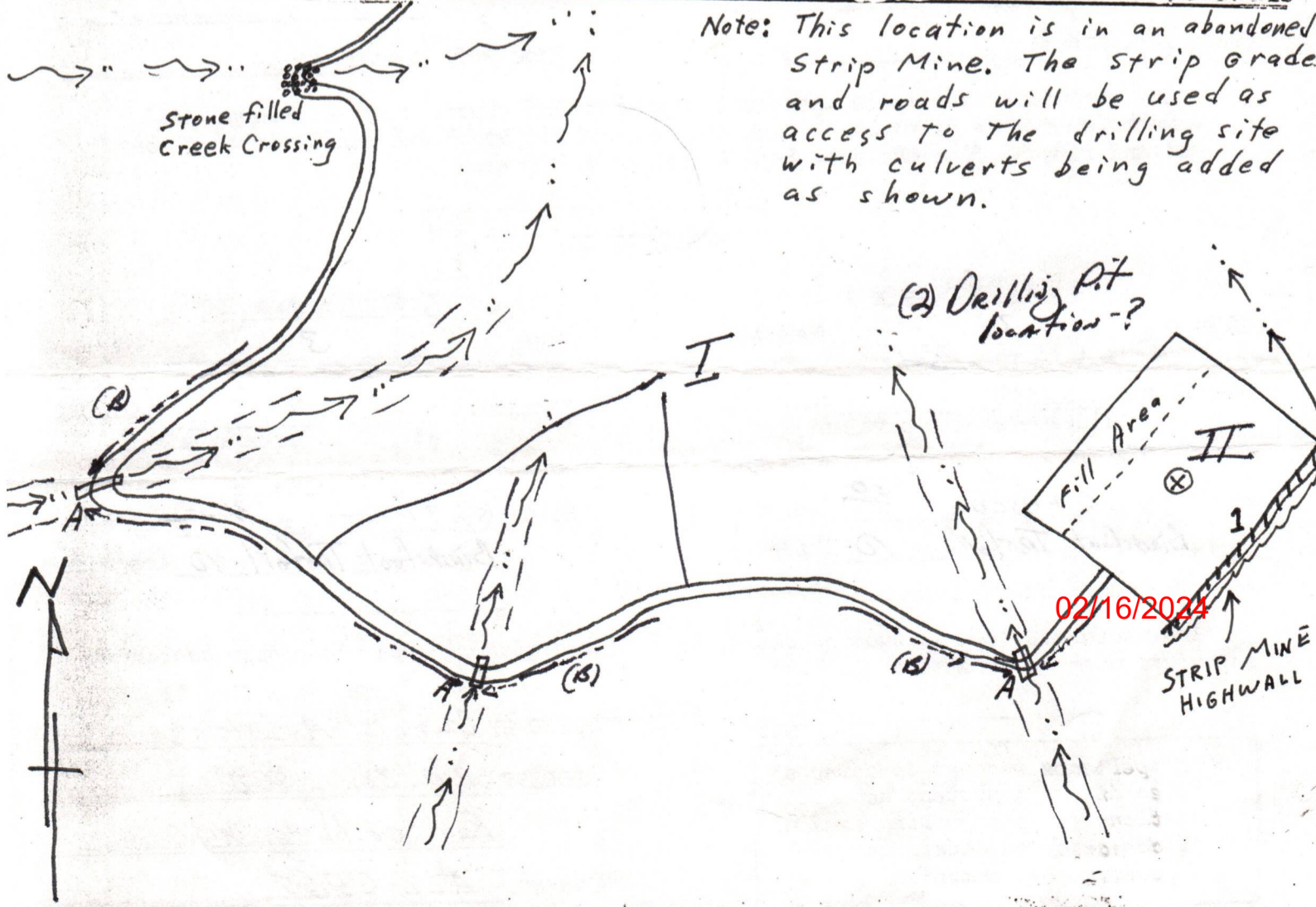


Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

**LEGEND**

Property boundary ———	Diversion ———
Road = = = = =	Spring ⊕ →
Existing fence — x — x —	Wet spot — ♀
Planned fence — / — / —	Building ■
Stream ———	Drain pipe — ○ — ○ —
Open ditch ———→	Waterway ← = = = =

Note: This location is in an abandoned Strip Mine. The strip grades and roads will be used as access to the drilling site with culverts being added as shown.







SEP 20 1982

IV-9  
(Rev 8-81)

DATE SEPT. 17, 1982

WELL NO. CHESAPEAKE MINING #4

State of West Virginia

API NO. 47 - 039 - 3910

Department of Mines

Revised

Oil and Gas Division

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Spacing Per sketch

Material earth

Page Ref. Manual 2-12 & 2-14

Page Ref. Manual RECEIVED

Structure \_\_\_\_\_ (C)

Structure NOV 10 1982 (3)

Spacing \_\_\_\_\_

Material \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Page Ref. Manual OIL & GAS DIVISION  
DEPT. OF MINES

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.

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lbs/acre

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

02/16/2024

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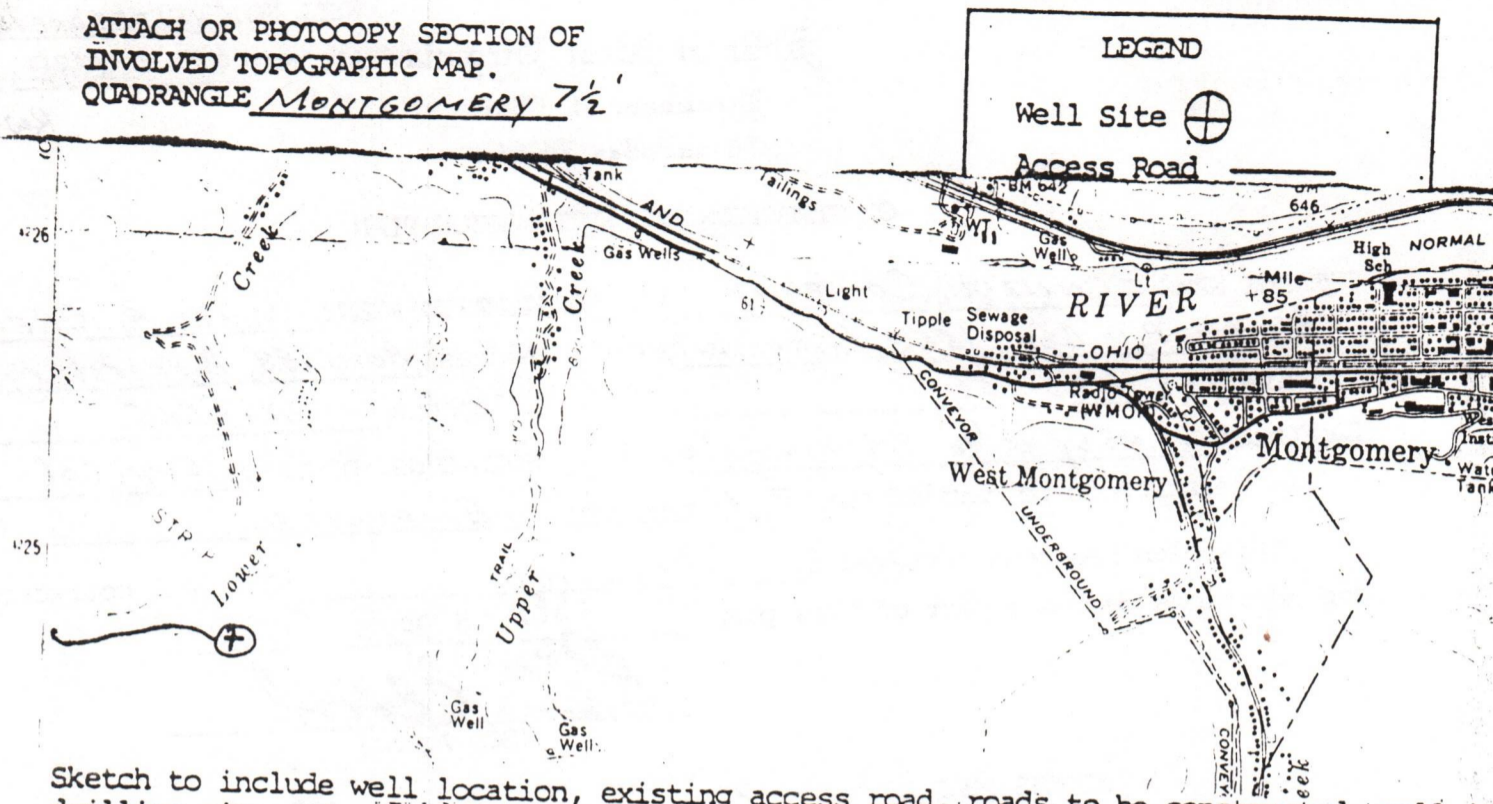
Parkersburg, W.V.

PHONE NO. 422-6565

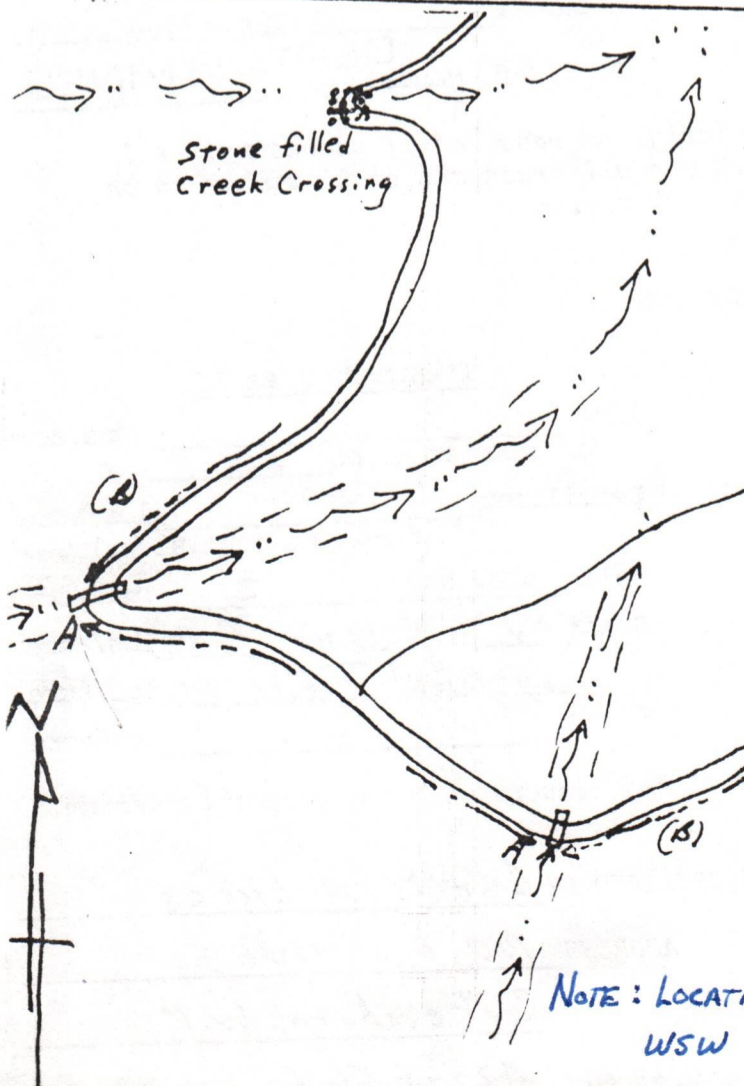
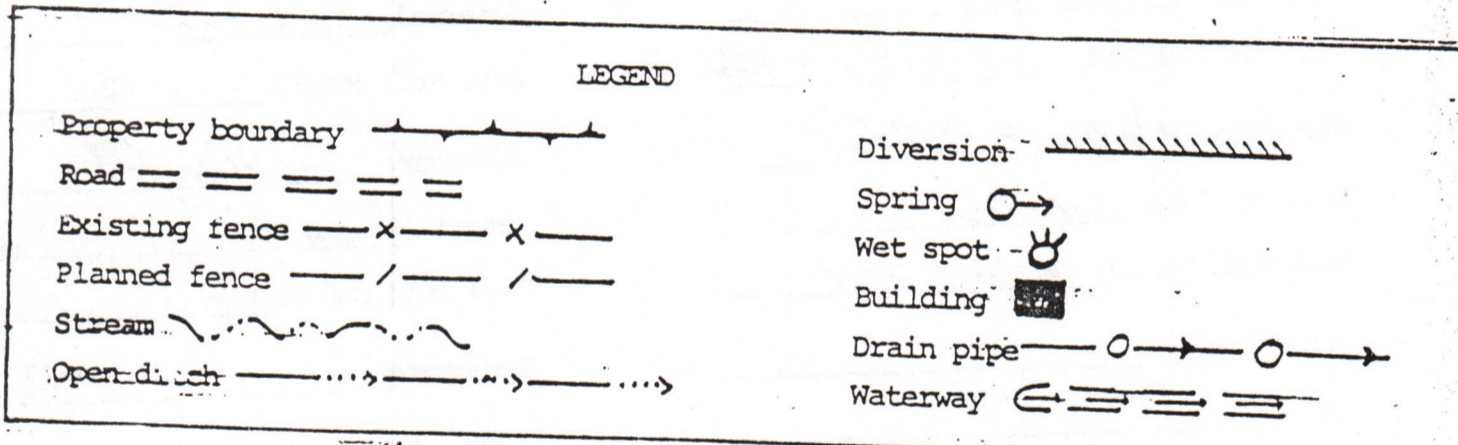
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.



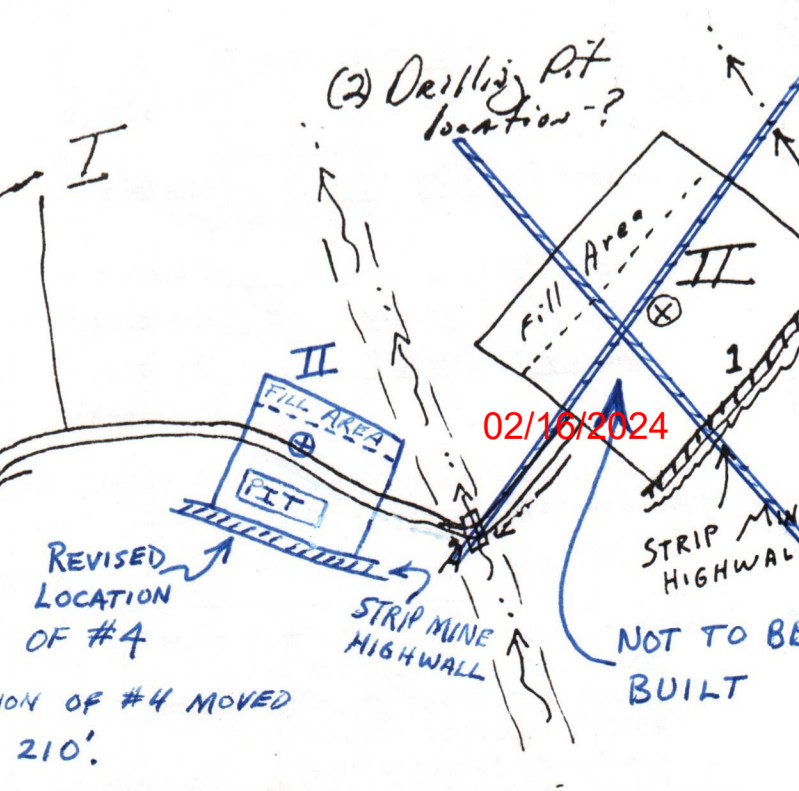
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE MONTGOMERY 7 1/2'



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.



Note: This location is in an abandoned Strip Mine. The strip grade and roads will be used as access to the drilling site with culverts being added as shown.



02/16/2024

NOTE: LOCATION OF #4 MOVED WSW 210'





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

Kan-3910

TO: ALL OPERATORS  
 FROM: Thomas E. Huzar, Administrator  
 RE: House Bill 1254 - Permits Not to be Issued on Flat Well Royalty Leases

DATE: June 22, 1982

In an effort to implement HB-1254 an affidavit was mailed to each operator previously. Upon review it is found this affidavit is inappropriate and not entirely necessary. The application form will be revised to include the following statement:

Yes  / No  / The right to extract, produce or market the oil or gas is based upon a lease or leases or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil and gas so extracted, produced or marketed.

You should answer this question without the use of the form until the applications have been revised.

If the answer is "yes" to the question, then you must provide with the application an affidavit which certifies that the affiant is authorized by the owner of the working interest in the well to state that it shall tender to the owner of the oil or gas in place not less than one-eighth of the total amount paid to or received for the oil or gas so extracted, produced or marketed before deducting the amount to be paid or set aside for the owner of the oil and gas in place, on all such oil or gas to be extracted, produced or marketed from the well. (See West Virginia Code 22-4-11(e).)

Attached is an affidavit form you may use, but it is necessary only in the event that you would answer "yes". If the answer is "no", please include a statement to that effect.

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 WV DEPARTMENT OF MINES





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MAY 5 - 1983

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Montgomery 7.5'

Permit No. 039-3910

Rotary X Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas X  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Company Pennzoil Company  
Address P. O. Box 1588, Parkersburg, WV 26101  
Firm Chesapeake Mining Co. Acres 1388  
Location (waters) Lower Creek of Kanawha River  
Well No. 4 Elev. 1235  
District Cabin Creek County Kanawha  
The surface of tract is owned in fee by \_\_\_\_\_  
Chesapeake Mining Co.  
Address 1401 Kanawha Valley Building, Chas., WV  
Mineral rights are owned by Same as Above  
Address \_\_\_\_\_  
Drilling Commenced 11-13-82  
Drilling Completed 11-18-82  
Initial open flow 80 m.cu. ft. 0 bbls.  
Final production 55 m.cu. ft. per day 0 bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8	226	226	120 sks.
8 5/8			
7	2860	2860	100 sks.
5 1/2			
4 1/2	5834	5834	110 sks.
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.  
Fractured: 12-20-82 w/500 sks. 15% HCl, 401 Bbls. Quality Foam, 60,000#sd, 680 Mcf nitrogen  
1-8-83 w/15% HCl, 802 BGW, 170,000 SCF nitrogen, 36,000# 20/40 sd  
Perf: 2490-2504; 2508-2516/22H

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand \_\_\_\_\_ Shale \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	• Remarks
Sand & Shale			0	2258		
Big Lime			2258	2408		
Pocono Big Injun			2408	2423		
Shale			2423	2475		
Weir			2475	2530		
Shale			2530	5854		
Total Depth				5854		

02/16/2024

KAN. - 3910







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

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OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-3910

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>Pennzoil Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Parkensburg, WVA</u>	Size			
Farm <u>Chesapeake Mining</u>	16			Kind of Packer _____
Well No. <u>4</u>	13			
District <u>Cabin Creek</u> County <u>Kanawha</u>	10			Size of _____
Drilling commenced <u>11/13/82</u>	9 5/8		216	
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>216</u> No. FT. <u>11/14/82</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Halliburton</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Pusher Danny Starcher

Clin & Hart Rig # I

Remarks: 11/13/82 Finished moving in + started Drilling  
11/14/82 Ran 216 ft. of 9 5/8" casing cemented with  
120 sacks of Regular 3 7/8 cc. by Halliburton  
Plug Down 1:45 AM.  
11/17/82 2206 ft Deep Drilling on Air Running 8 1/4" Bit.  
going to 2925 ft. for casing joint.

11/17/82  
DATE

Homer H. Dougherty  
02/16/2024  
DISTRICT WELL INSPECTOR







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

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OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-3910

Oil or Gas Well Gas  
(KIND)

Company Pennzoil Co  
 Address Parkensburg, W.V.A.  
 Farm Chesapeake Mining  
 Well No. 4  
 District Cabin Creek County Kanawha  
 Drilling commenced 11/13/82  
 Drilling completed 11/21/82 Total depth 5850  
 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			
7		2850	Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 7 SIZE 2850 No. FT. 11/19/82 Date  
 NAME OF SERVICE COMPANY \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names Danny Starchen Pushen

Clinch Hunt Rig #1

Remarks: 11/19/82 Ran 2850 ft. of 7" casing + cemented with 100 sacks Regular 1/2 lb floccle Plug Down 500 AM.  
11/21/82 T.D. of Hole 5850 + Released Drilling Rig will Run 4 1/2" with Service Rig.

12/1/82  
DATE

Homer H. Dougherty  
DISTRICT WELL INSPECTOR

02/16/2024







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

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APR 4 - 1984

OIL & GAS DIVISION

DEPT. OF MINES  
Oil or Gas Well (KIND)

INSPECTOR'S WELL REPORT

Permit No. 039-3910

Company PENNZOIL COMPANY

Address PARKERSBURG WVA.

Farm BLACK BAND FUEL CO.

Well No. 30

District WASHINGTON County KANAWHA

Drilling commenced \_\_\_\_\_

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: RECLAMATION OK NO ID.

3-26-84

DATE

Jerry Holcomb

02/16/2024

DISTRICT WELL INSPECTOR







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

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INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 039-3910

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>Pennzoil Company</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			
Address _____	16			Kind of Packer _____
Farm <u>Chesapeake Mining Co</u>	13			
Well No. <u>4</u>	10			Size of _____
District <u>Cabin Creek</u> County <u>KANAWHA</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: MADE FINAL INSPECTION DID NOT RELEASE  
NO I.D.  
RECLAMATION INCOMPLETE

4/16/64

DATE

Red Wilson

02/16/2024  
DISTRICT WELL INSPECTOR









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

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OIL & GAS DIVISION  
DEPT. OF MINES

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT

COMPANY Pennsylv Co.  
Parkersburg, WV

PERMIT NO 039-3410  
FARM & WELL NO Chesapeake Mining Co  
#4  
DIST. & COUNTY Cabell Creek / 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	_____	_____

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

SIGNED L. H. Wilson

DATE 4/23/84

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.

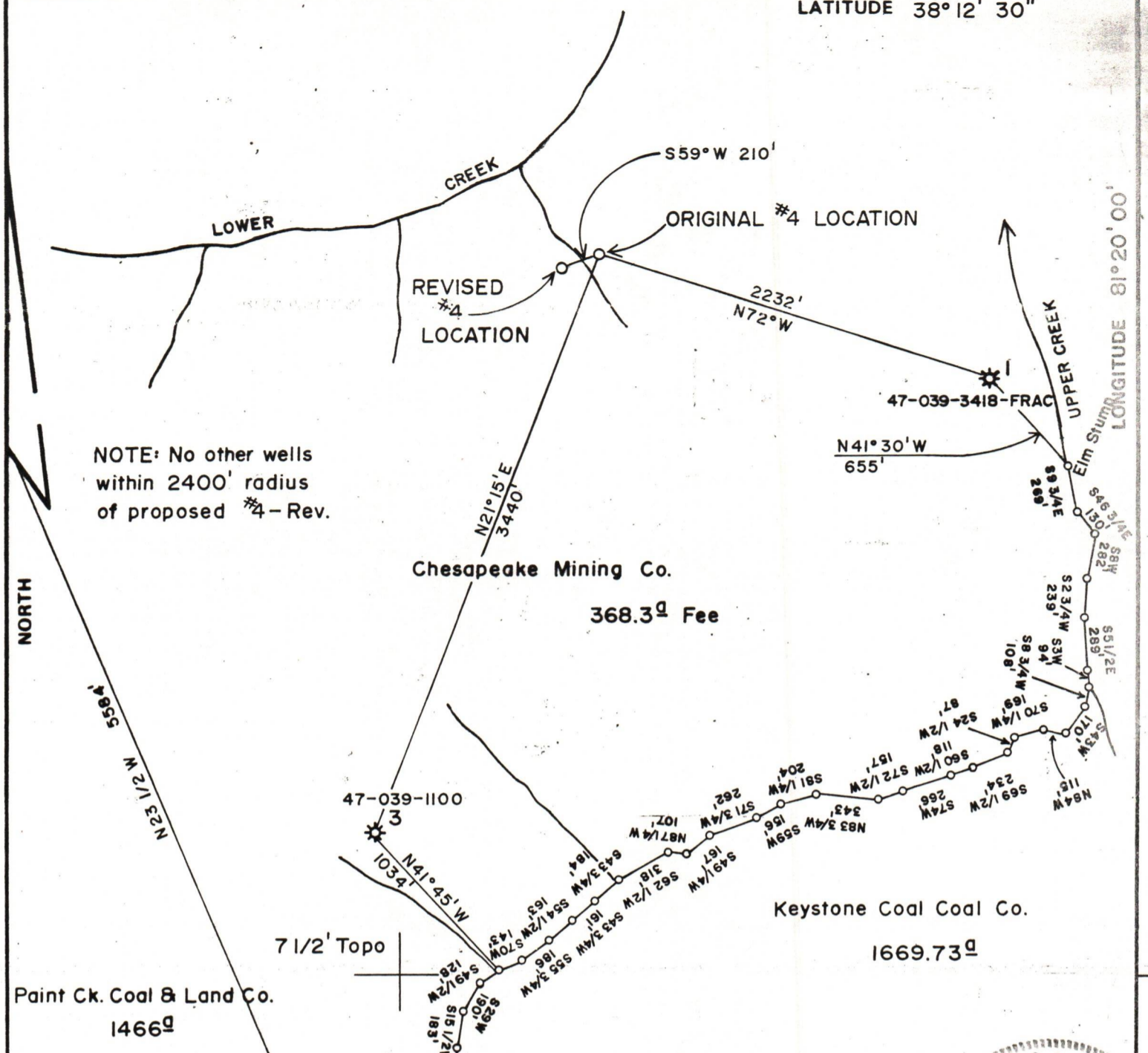
T. H. B. B.  
Administrator-Oil & Gas Division

May 11, 1984  
DATE



LATITUDE 38° 12' 30"

LONGITUDE 81° 20' 00"



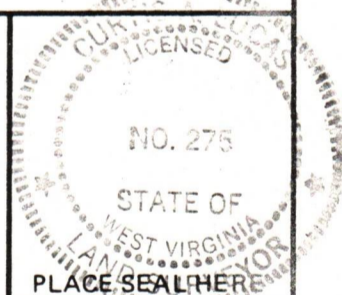
NOTE: No other wells within 2400' radius of proposed #4-Rev.

Paint Ck. Coal & Land Co. 1466^d

FILE NO. 99  
 MAP 131 sqs S87 W44  
 SCALE 1"=800'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION WV DOH BM on Rt. 61 Bridge across upper Crk. El. 629.94

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) Curtis A. Lucas  
**CURTIS A. LUCAS LLS 275**



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



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

DATE November 9, 19 82  
 FARM Chesapeake Mining NO. 4- Revised  
 API WELL NO. 47 - 039 - 3910-Rev.  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1204.80' WATER SHED Lower Creek  
 DISTRICT Cabin Creek COUNTY Kanawha  
 QUADRANGLE Montgomery 7 1/2'

SURFACE OWNER Chesapeake Mining Co. ACREAGE 1388  
 OIL & GAS ROYALTY OWNER Chesapeake Mining Co. LEASE ACREAGE 1388  
 LEASE NO. 68379-50

02/16/2024

PROPOSED WORK: DRILL  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 Shale ESTIMATED DEPTH 5,660'  
 WELL OPERATOR PENNZOIL COMPANY DESIGNATED AGENT JAMES A. CREWS  
 ADDRESS P. O. BOX 1588 ADDRESS P. O. BOX 1588  
PARKERSBURG, W. V. 26101 PARKERSBURG, W. V. 26101