

**THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO X DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME \_\_\_\_\_ NAME W. M. WOODROE  
 ADDRESS \_\_\_\_\_ ADDRESS CHARLESTON NATIONAL PLAZA  
 TELEPHONE \_\_\_\_\_ TELEPHONE CHARLESTON, W. VA.  
 ESTIMATED DEPTH OF COMPLETED WELL: 5500 ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: ELK  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS X COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

**TENTATIVE CASING PROGRAM:**

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT III UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	<b>CONDUCTOR</b>	<b>40</b>	<b>CMT TO SURFACE</b>
9 - 5/8			
8 - 5/8	<b>SURFACE</b>	<b>1200</b>	<b>CMT TO SURFACE</b>
7			
5 1/2			
4 1/2	<b>PRODUCTION</b>	<b>5500</b>	<b>500 SKS or as</b>
3			Perf. Top <i>slgh. by sale</i>
2			Perf. Bottom <i>15.01</i>
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET SALT WATER \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS 200, 350, & 750  
 IS COAL BEING MINED IN THE AREA? NO BY WHOM? \_\_\_\_\_

**TO DRILL:**

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

**TO DRILL DEEPER OR REDRILL:**

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

**TO FRACTURE - STIMULATE:**

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code. 03/15/2024

\_\_\_\_\_  
For Coal Company  
\_\_\_\_\_  
Official Title

RECEIVED

APR 15 1981



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES **Oil and Gas Division**

**OIL AND GAS WELL PERMIT APPLICATION**

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE APRIL 14, 1981

Surface Owner AMAX COAL COMPANY  
Address 105 S. MERIDIAN, INDIANAPOLIS, IND.  
Mineral Owner AMAX COAL COMPANY  
Address (SAME)  
Coal Owner AMAX COAL COMPANY  
Address (SAME)  
Coal Operator AMAX COAL COMPANY  
Address (SAME)

Company AMAX PETROLEUM CORPORATION  
Address 1300 WEST BELT, HOUSTON, TX  
Farm J. BROWN Acres 127.36  
Location (waters) LAUREL CREEK OF MIDDLE FORK  
Well No. J. BROWN #2 Elevation 2540  
District ROARING CREEK County RANDOLPH  
Quadrangle ELLAMORE, W. VA., 7.5 MIN

**THIS PERMIT MUST BE POSTED AT THE WELL SITE**

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 12-27-81.  
*J. E. Huggins*  
Deputy Director - Oil & Gas Division

INSPECTOR  
TO BE NOTIFIED ROBERT STWEART  
ADDRESS P.O. BOX 345, JANE LEW, W. VA. 26378  
PHONE 884-7782

**GENTLEMEN:**

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated APRIL 3 1980 by AMAX COAL COMPANY made to AMAX PETROLEUM CORP. and recorded on the 12th day of MAY 1980, in RANDOLPH County, Book 330 Page 424

NEW WELL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

(Sign Name) AMAX PETROLEUM CORPORATION  
Well Operator  
1300 WEST BELT  
Street  
HOUSTON  
City or Town  
TEXAS 77042  
State

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND  
ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address  
of  
Well Operator

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

47-083-0453

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by William L. Weser

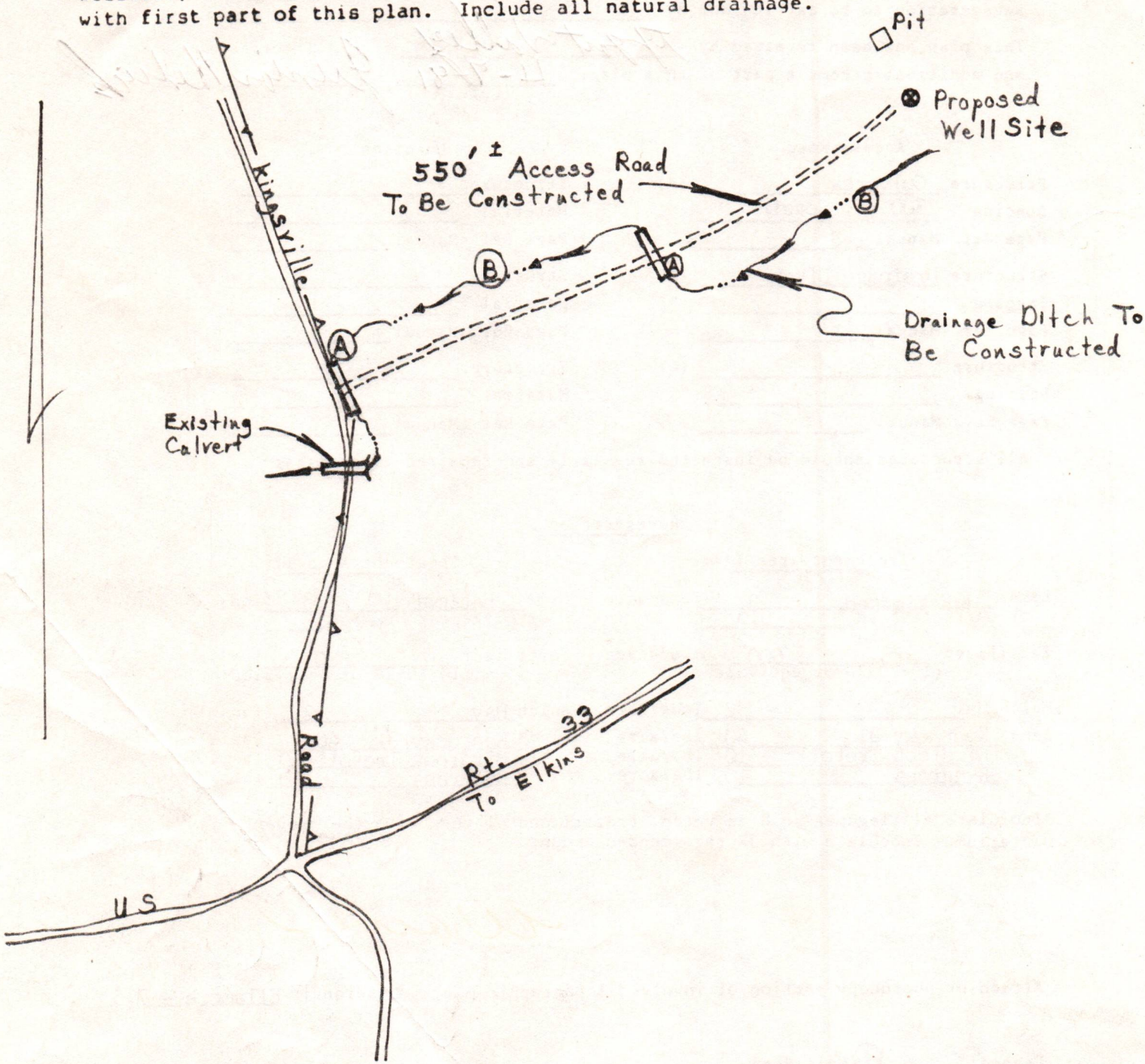
03/15/2024

Well Site Plan

- Legend:
- Property Boundary
  - Road
  - Existing Fence
  - Planned Fence
  - Stream
  - Open Ditch

- Diversion
- Spring
- 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:
- 1.) Disturbed area to be kept to a minimum.
  - 2.) Cut slopes to be 2:1.
  - 3.) New Culverts to be at natural drain areas or at 300 ft. maximum spacing  
Ditches to be cut on uphill side where necessary.
  - 4.) Timber to be cut, stacked and burned.

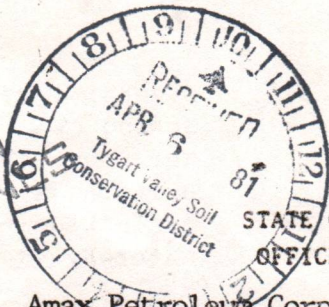
03/15/2024

Signature: Bill Weser Agent      Address: \_\_\_\_\_      Phone Number: 713/978-7700

Request landowners cooperation to protect new seeding for one growing season.

RECEIVED  
APR 15 1981

Form IV-9  
(01-80)



OIL & GAS DIVISION  
DEPT. OF MINES

Date \_\_\_\_\_  
Well No. J. Brown # 2  
API No. 47 - 083 - 0453  
State \_\_\_\_\_ County \_\_\_\_\_

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS

Company Name Amax Petroleum Corp. Designated Agent Bill Weser  
Address 1300 W. Belt, P.O. Box 42806 Address 1300 W. Belt, P.O. Box 42806  
Telephone Houston, Texas 77402 Telephone Houston, Texas 77042  
Landowner Meadowlark Farms, Inc. Soil Cons. District Tygart Valley, SCD

Revegetation to be carried out by \_\_\_\_\_ (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections  
and additions become a part of this plan. 4-7-81 Junior Ketch  
(Date) (SCD Agent)

Access Road	Location
Structure <u>Culverts</u> (A)	Structure _____ (1)
Spacing <u>300 ft. Spacing</u>	Material _____
Page Ref. Manual <u>I-8</u>	Page Ref. Manual _____
Structure <u>Drainage Ditch</u> (B)	Structure _____ (2)
Spacing _____	Material _____
Page Ref. Manual <u>I-11</u>	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.

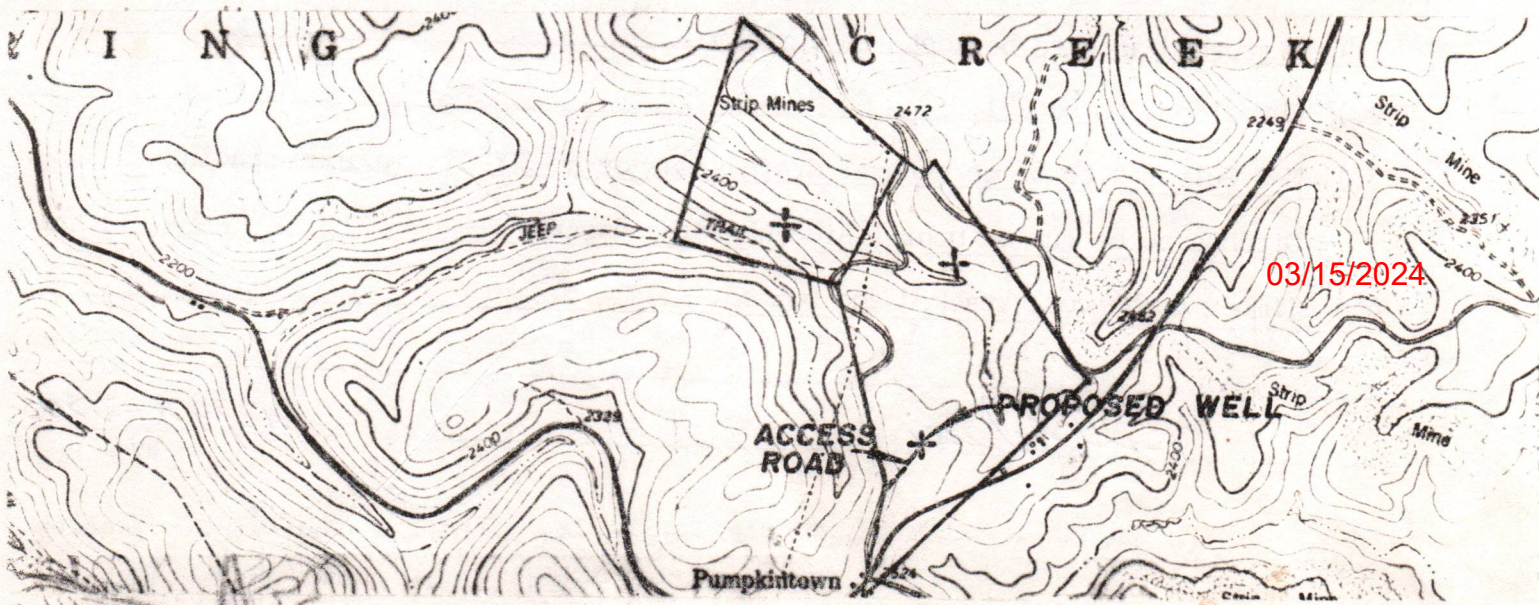
Revegetation

Treatment Area I	Treatment Area II
Lime <u>Estimated 3</u> Tons/acre or correct to pH <u>6.5</u>	Lime <u>Estimated 3</u> Tons/Acre or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>Hay</u> 2 Tons/Acre	Mulch <u>Hay</u> 2 Tons/Acre
Seed* <u>Kentucky 31</u> 40 lbs/acre	Seed* <u>Kentucky 31</u> 40 lbs/acre
<u>Birdfoot Trefoil</u> 10 lbs/acre	<u>Birdfoot Trefoil</u> 10 lbs/acre
<u>Ryegrass</u> 10 lbs/acre	<u>Ryegrass</u> 10 lbs/acre

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

Attach or photocopy section of involved Topographic map. Quadrangle Ellamore - 7.5

Legend: Well Site  
 Access Road





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

APR 22 1981

OIL & GAS DIVISION  
DEPT. OF MINES

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TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE APRIL 14, 1981

Surface Owner AMAX COAL COMPANY  
Address 105 S. MERIDIAN, INDIANAPOLIS, IND.  
Mineral Owner AMAX COAL COMPANY  
Address (SAME)  
Coal Owner AMAX COAL COMPANY  
Address (SAME)  
Coal Operator AMAX COAL COMPANY  
Address (SAME)

Company AMAX PETROLEUM CORPORATION  
Address 1300 WEST BELT, HOUSTON, TX  
Farm J. BROWN Acres 127.36  
Location (waters) LAUREL CREEK OF MIDDLE FORK  
Well No. J. BROWN #2 Elevation 2540  
District ROARING CREEK County RANDOLPH  
Quadrangle ELLAMORE, W. VA., 7.5 MIN

*Jim [unclear]*

INSPECTOR  
TO BE NOTIFIED ROBERT STEWART  
ADDRESS P.O. BOX 345, JANE LEW, W. VA.  
26378  
PHONE 884-7782

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated APRIL 3 1980 by AMAX COAL COMPANY made to AMAX PETROLEUM CORP. and reported on the 12th day of MAY 1980, in RANDOLPH County, Book 330 Page 424

NEW WELL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days.\*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,  
(Sign Name) AMAX PETROLEUM CORPORATION

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND  
ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address of Well Operator 1300 WEST BELT  
Street  
HOUSTON  
City or Town  
TEXAS 77042  
State

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by [Signature]

PERMIT NUMBER

03/15/2024

THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO  DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE STIMULATE \_\_\_\_\_

DRILLING CONTRACTOR: (If Known) \_\_\_\_\_

RESPONSIBLE AGENT: \_\_\_\_\_

NAME \_\_\_\_\_

NAME W. M. WOODROE

ADDRESS \_\_\_\_\_

ADDRESS CHARLESTON NATIONAL PLAZA

TELEPHONE \_\_\_\_\_

TELEPHONE CHARLESTON, W. VA.

ESTIMATED DEPTH OF COMPLETED WELL: 5500

TELEPHONE (304)343-4841

PROPOSED GEOLOGICAL FORMATION: ELK

ROTARY  CABLE TOOLS \_\_\_\_\_

TYPE OF WELL: OIL \_\_\_\_\_ GAS  COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_

RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT LIFT UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	CONDUCTOR	40	CMT TO SURFACE
9 - 5/8			
8 - 5/8	SURFACE	1200	CMT TO SURFACE
7			
5 1/2			
4 1/2	PRODUCTION	5500	500 SKS
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET SALT WATER \_\_\_\_\_ FEET

APPROXIMATE COAL DEPTHS 200, 350, & 750

IS COAL BEING MINED IN THE AREA? NO BY WHOM? \_\_\_\_\_

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

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The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for AMAX Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location. 03/15/2024

We the AMAX Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

*AMAX Inc. for its  
AMAX Coal Company Division  
By Wayne L. Kelly  
Attorney-in-fact*

*Meadowcroft Farms Inc.  
Wayne L. Kelly  
For Coal Company  
K. A. [Signature]  
Official Title*

# AMAX PETROLEUM CORPORATION

1300 WEST BELT P. O. BOX 42806 HOUSTON, TEXAS 77042  
TELEPHONE (713) 978-7700 TELEX 79-1435

FENTON EASTERLING  
Vice President  
Production

April 30, 1981

RECEIVED  
JFH  
MAY - 4 1981

State of West Virginia  
Department of Mines  
Oil & Gas Division  
Charleston, West Virginia 25305

OIL & GAS DIVISION  
DEPT. OF MINES

Gentlemen:

We respectfully request permission to change the names of the following wells located in Randolph County:

<u>Present Lease &amp; Well No.</u>	<u>Permit No.</u>	<u>Proposed Lease &amp; Well No.</u>
B. Hamilton No. 1	47-083-0356	Parks No. 1
B. Hamilton No. 2	47-083-0357	Parks No. 2
B1 Hamilton No. 3	47-083-0358	Parks No. 3
B. Hamilton No. 4	47-083-0359	Towers No. 1
B. Hamilton No. 5	47-083-0360	Towers No. 2
J. Moyle No. 1	47-083-0361	Blackburn No. 1
J. Moyle No. 2	47-083-0362	Blackburn No. 2
J. Brown No. 1	47-083-0452	Crowl No. 1
J. Brown No. 2	47-083-0453	Crowl No. 2
J.T. Cain No. 1	47-083-0454	Crowl No. 3
P.J. Coyne No. 1	47-083-0455	Greer No. 1
P.J. Coyne No. 2	47-083-0456	Greer No. 2

If additional information is required, please advise.

Regards,

  
H. Fenton Easterling

HFE:mlm

03/15/2024

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Big Lime			1,325'	1,398'		
Big Injun			1,399'	1,532'		
Sand & Shale			1,533'	1,647'		
Pocono			1,648'	1,674'		
Sand & Shale			1,675'	2,031'		
4th Sand			2,032'	2,065'		
Sand & Shale			2,066'	2,199'		
5th Sand			2,200'	2,222'		
Sand & Shale			2,223'	2,446'		
Speechly			2,447'	2,458'		
Sand & Shale			2,459'	3,038'		
Balltown			3,039'	3,047'		
Sand & Shale			3,048'	3,696'		
Riley			3,697'	3,741'		
Sand & Shale			3,742'	3,830'		
Benson			3,831'	3,887'		
Sand & Shale			3,888'	4,219'		
1st Elk			4,220'	4,238'		
Sand & Shale			4,239'	4,319'		
2nd Elk			4,320'	4,362'		
Sand & Shale			4,363'	5,007'		
Haverty			5,008'	5,030'		
Sand & Shale			5,031'	5,047'		
4th Elk			5,048'	5,062'		
Sand & Shale			5,063'	5,267'		
Fox			5,268'	5,292'		
Sand & Shale			5,293'	5,472'		
Total Depth				5,472'		

Date August 26 03/15/2024 19 81

APPROVED AMAX Petroleum Corp. Owner

By Reggie Johnson  
Reggie Johnson



**RECEIVED**

AUG 31 1981 State of West Virginia  
 Department of Mines  
**OIL AND GAS DIVISION** and Gas Division  
 WV DEPARTMENT OF MINES  
 WELL RECORD

Well Type: Oil      / Gas X / Liquid Injection      / Waste Disposal      /  
 (If "Gas", Production X / Underground storage      / Deep      / Shallow X /

Location: Elevation: 2,540' Watershed Laurel Creek of Middle Fork River  
7.5 min.  
 District: Roaring Creek County: Randolph Quadrangle: Ellamore, W. Va.

Well Operator AMAX Petroleum Corporation Designated Agent W. M. Woodroe  
 Address 1300 West Belt Address Charleston National Plaza  
Houston, Texas 77042 Charleston, W. Va. 25301

Permitted Work: Drill X / Covert      / Drill deeper      / Redrill      /  
 Fracture or stimulate      / Plug off old formation      /  
 Preforate new formation      / Other physical change in well (specify)     

Permit Issued on 4/27/81

Oil & Gas Inspector for This Work:

Name: Robert Stewart  
 Address: P. O. Box 345  
Jane Lew, W. Va. 26378

Geological Target Formation: Elk Depth 5,500 feet  
 Depth of completed well, 5,472 feet Rotary X / Cable Tools      /  
 Water strata depth: Fresh 25 feet; Salt;      feet.  
 Coal seam depths:      Is coal being mined in the area?       
 Work was commenced 5/8/81, and completed 6/1/81

Casing and Tubing Program

Casing or Tubing Type	Specifications				Footage Intervals		Cement Fill-Up Or Sacks (cubic feet)	
	Size	Grade	Weight per ft	New	Used	For drilling		Left in well
Conductor	13 <sup>3</sup> / <sub>8</sub> "			X		30'	30'	15 sx. Std. 1 sx. CaCl <sub>2</sub>
Fresh Water								
Coal								
Intermediate	8 <sup>5</sup> / <sub>8</sub> "		23#/ft.	X		1,006'	1,006'	Cmt. to surf.
Production Tubing	4 <sup>1</sup> / <sub>2</sub> "		10.5#/ft.	X		5,416'	5,416'	Cmt. to 1500'
Liners								

Well Treatment details:

Perf. Haverty @ 5,008'-24' w/1SPF. Frac'd w/250 gal. 15% HCl + 120 bbls. gel & 15,000# 80/100 31 BPM & 2,900#. Followed w/335 bbls. gel & 50,000# 20/40 @ 32 BPM & 2,500#. Perf. 2nd Elk @ 4,320'-34' w/1SPF. Frac'd w/500 gal. 15% HCl & 120 bbls. gel & 15,000# 80/100 @ 34 BPM & 2,800#. Followed w/345 bbls. gel & 40,000# 20/40 @ 38 BPM & 2,300#. Perf. Riley @ 3,697'-706' w/1SPF. Frac'd w/500 gal. 15% HCl + 120 bbls. gel & 15,000# 80/100 @ 31 BPM & 2,800#. Followed w/275 bbls. gel & 40,000# 20/40 @ 31 BPM & 2,100#.

03/15/2024

Gas: Initial open flow,      Mcf/d Oil: Initial open flow,      Bbl/d  
 Final open flow, 652 Mcf/d Final open flow,      Bbl/d  
 Static Rock Pressure, 1,600 psig (surface measurement) after 72 hours shut in.

(Well log on reverse side)

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

RECEIVED

MAY 19 1981

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES *GAS*

Permit No. 083-0453

Company <u>ANAX PROD</u>	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Address <u>HOUSTON TEXAS</u>	Size			
Field <u>ANAX</u>	16			Kind of Packer
Well No. <u># 2</u>	13			Size of
District <u>ROARING CREEK</u> County <u>RANDOLPH</u>	10			
Drilling commenced <u>5-8-81</u>	8 1/4			Depth set
Drilling completed <u>5-15-81</u> Total depth <u>5452</u>	6 3/4			
Date shot _____ Depth of shut _____	5 3/16			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top
Volume _____ Cu. Ft.	Liners Used			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 RAY Resources Rig 14

Remarks:  
These locations mixed up  
Please change records  
1-stowed 083-0452 change to 083-0453

5-16-81

DATE

Robert Stewart 511

08/15/2024 DISTRICT INSPECTOR



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

INSPECTOR'S WELL REPORT

Permit No. 083-0453

Oil or Gas Well Gas  
(KIND)

Company <u>ANAX PROD</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>ANAX COAL</u>	16			Kind of Packer _____
Well No. <u>BROWN # 2</u>	13			
District <u>BEARING CREEK</u> County <u>RAWDOLPH</u>	10			Size of _____
Drilling commenced <u>5-8-81</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 _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

RECEIVED

Remarks: OKI TO Release

NOV 3 - 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

10-30-82  
DATE

Robert Stewart  
03/15/2024 54  
DISTRICT WELL INSPECTOR





State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

WALTER N. MILLER  
DIRECTOR

January 6, 1983

Amax Petroleum Corp.  
P. O. Box 42806  
Houston, Texas 77042

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:

<u>PERMIT NO.</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
RAN-0356	B. Hamilton Farm, Parks #1 Well	Roaring Creek
RAN-0357	B. Hamilton Farm, Parks #2 Well	Roaring Creek
RAN-0452	J. Brown Farm, Crowl #1 Well	Roaring Creek
RAN-0453	J. Brown Farm, Crowl #2 Well	Roaring Creek
RAN-0454	J. T. Cain Farm, Crowl #3 Well	Roaring Creek

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..... ..

Very truly yours,

Theodore M. Streit

03/15/2024

1.0 API well number: (If not available, leave blank. 14 digits.)	47-083-0453			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA	Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5024 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	AMAX Petroleum Corporation Name		000446 Seller Code	
	P. O. Box 42806 Street			
	Houston City	TX State	77042 Zip Code	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Roaring Creek Field Name			
	Randolph County		W. Va. State	
(b) For OCS wells:	Area Name		Block Number	
	Date of Lease: Mo. Day Yr.			
	OCS Lease Number			
(c) Name and identification number of this well: (35 letters and digits maximum.)	Crowl No. 2 <i>own records</i>			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<i>show J. Brown # 2</i>			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Columbia Gas Transmission Corporation Name		004030 Buyer Code	
(b) Date of the contract:	0 3 0 4 8 2 Mo. Day Yr.			
(c) Estimated annual production:	180 MMcf.			
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	(a) Base Price (\$/MMBTU) 2 . 6 3 4	(b) Tax - - - - -	(c) All Other Prices [Indicate (+) or (-).] - - - - -	(d) Total of (a), (b) and (c) - - - - -
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2 . 6 3 4	- - - - -	- - - - -	- - - - -
9.0 Person responsible for this application:	Norman B. Gove Name			
Agency Use Only	Senior Vice President Title			
Date Received by Juris. Agency	<i>Norman B. Gove</i> Signature			
Date Received by FERC	Amended May 7, 1982 December 9, 1981		(713) 978-7700 Phone Number	
	Date Application is Completed			

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

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

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107	-	High cost natural gas
108	-	Stripper well

Other Purchasers/Contracts:

<u>Contract Date</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Remarks:



PARTICIPANTS:

DATE:

MAY 17 1982

BUYER-SELLER CODE

WELL OPERATOR:

AMAX Petroleum Corp.

000446

FIRST PURCHASER:

Columbia Gas Transmission

OTHER:

W. Va. Department of Mines, Oil & Gas Division  
WELL DETERMINATION FILE NUMBER

811214-103-083-0453

Use Above File Number on all Communications  
Relating to Determination of this Well

083-0055 705 Plugged

~~Deferred for a complete well record (2-4-86)~~  
QUALIFIED  
B. Haggerty

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121  Items not completed - Line No. 7.0 + 8.0 b,c,d
- 2. IV-1 Agent W. M. Woodroe
- 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: 5-8-81 Date completed 6-1-81 Deepened \_\_\_\_\_
- (5) Production Depth: 5008-24, 4320-34, 3697-706,
- (5) Production Formation: Haverly, 2nd Elk, Riley,
- (5) Final Open Flow: 652 MCF
- (5) After Frac. R. P. 1600 ### 72 hrs.
- (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? \_\_\_\_\_

03/15/2024

5

Date December 9 1981

Crowl #2  
NGPA Sec. 103

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

Operator's Well No. \_\_\_\_\_  
API Well No. 47 Permit 0453  
State \_\_\_\_\_ County \_\_\_\_\_

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL  
NGPA Section 103

RECEIVED  
DEC 14 1981  
DEPT. OF MINES

DESIGNATED AGENT W. M. Woodrow  
ADDRESS Charleston National Plaza  
Charleston, W. Va. 25301

WELL OPERATOR AMAX Petroleum Corporation  
ADDRESS P. O. Box 42806  
Houston, Texas 77042

LOCATION: Elevation 2540'  
Watershed Laurel Creek of Middle Fork River  
Roaring  
Dist. Creek County Randolph Quad Ellamore 7.5

GAS PURCHASER Columbia Gas  
ADDRESS P.O. Box 1273  
Class WY \* 25325

Gas Purchase Contract No. \* AP-27041-WV  
Meter Chart Code \_\_\_\_\_  
Date of Contract \*

\* No contract has been finalized or sales made as of the date of this application.  
\* \* \* \* \*

Date surface drilling was begun: May 8, 1981

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

BHP = 1796

PSI = Shut-in wellhead pressure in PSIA

$$BHP = PSI + \frac{(0.01878) (PSI) (G) (L)}{TSI}$$

G = Gas gravity (assuming 0.65)

PSI = 1615

L = Average length of flow string (feet)

G = .65

TSI = Average shut-in well temperature (degrees R)

L = 5016

$$\frac{BHT + 520}{2} = TSI$$

TSI = 547

AFFIDAVIT

BHT = degrees R absolute

I, Norman B. Gove, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Norman B. Gove

TEXAS

STATE OF ~~WEST VIRGINIA~~

COUNTY OF HARRIS, TO WIT:

I, Denise Rosenblum, a Notary Public in and for the state and county aforesaid, do certify that Norman B. Gove, whose name is signed to the writing above, bearing date the 9 day of December, 1981, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 10 day of December, 1981.

My term of office expires on the 10 day of November, 1985.

[NOTARIAL SEAL]

Denise Rosenblum  
Notary Public

DENISE ROSENBLUM  
Notary Public State of Texas  
My Commission Expires November 10, 1985  
Bonded by L. Alexander Lovett, Lawyers Surety Corp.

03/15/2024