

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 MEADOWLARK FARMS INC.
Address 345 N. MAIN, SULLIVAN, IND. 47882

Company AMAX PETROLEUM CORPORATION
Address 1300 WEST BELT, HOUSTON, TX

Mineral Owner MEADOWLARK FARMS INC.
Address (SAME)

Farm P. J. COYNE TR. Acres 93.65
Location (waters) BIG LAUREL RUN OF TYGART RI

Coal Owner MEADOWLARK FARMS INC.
Address (SAME)

Well No. P. J. COYNE #1 Elevation 2140

Coal Operator AMAX COAL COMPANY
Address 105 S. MERIDIAN, INDIANAPOLIS, IND. 46225

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.

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

J. E. Murray
Deputy Director, Oil & Gas Division

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
X 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.

03/15/2024

47-083-0455

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 E. P. Lessor

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** ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: **ELK**
 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 FILL 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 or as Perf. Top <i>reg'd by</i> Perf. Bottom <i>Paul J. G. O.</i>
3			Perf. Top
2			Perf. Bottom
Liners			

APPROXIMATE FRESH WATER DEPTHS **10-20** FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS **170, 240, 385, & 850** _____
 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

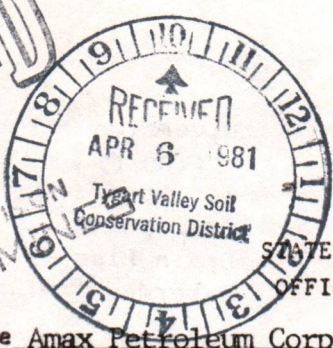
 For Coal Company

 Official Title

RECEIVED

Form IV-9
(01-80)

APR 15 1981



Date _____ 19____
Well No. P. J. Coyne # 2
API No. 47 - 083 - 0455
State _____ County _____ Permit _____

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name Amox 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 77042 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 (Date) James Welch (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>Culverts</u> (B)	Structure _____ (2)
Spacing <u>Two 24" CMP Culverts</u>	Material _____
Page Ref. Manual <u>I-8</u>	Page Ref. Manual _____
Structure <u>Drainage Ditch</u> (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual <u>I-11</u>	Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary.

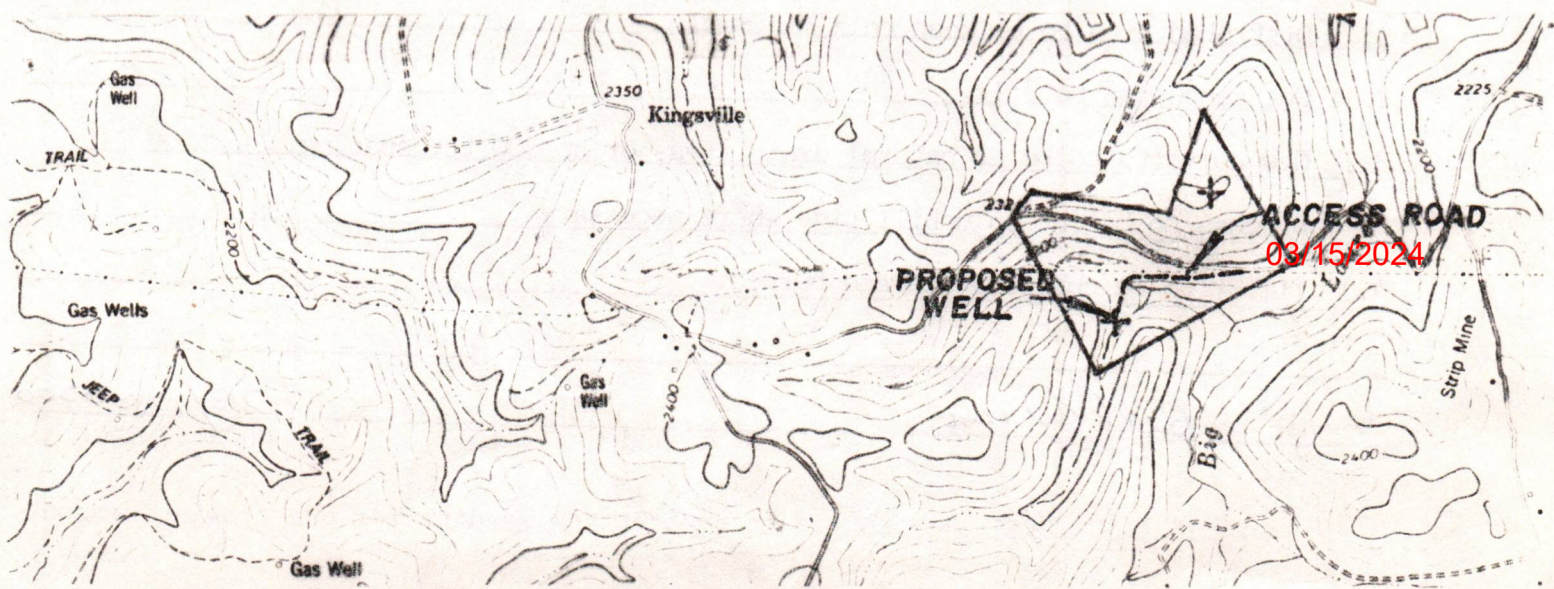
Revegetation

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 2</u> Tons/Acre	Mulch <u>Hay 2</u> Tons/Acre
Seed* <u>Kentucky 31 40</u> lbs/acre	Seed* <u>Kentucky 31 40</u> lbs/acre
<u>Birdsfoot Trefoil 10</u> lbs/acre	<u>Birdsfoot Trefoil 10</u> lbs/acre
<u>Ryegrass 10</u> lbs/acre	<u>Ryegrass 10</u> 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



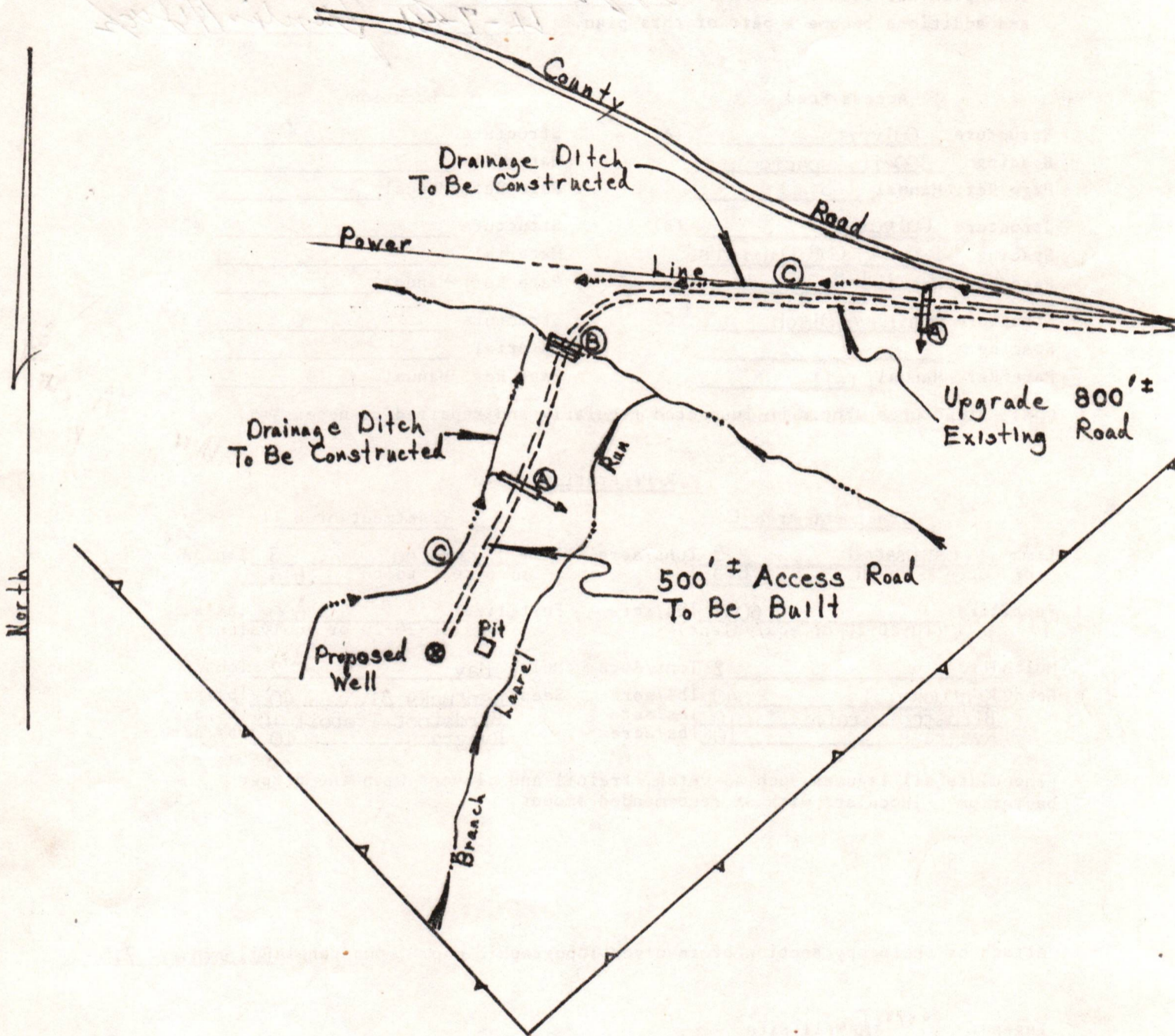
03/15/2024

Well Site Plan

- Legend:
- Property Boundry
 - 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. spacing.
Ditches to be cut on uphill side where necessary.
- 4.) Timber to be cut, stacked and burned.

03/15/2024

Signature: Bill Weiser Agent Address _____ Phone Number 713/978-7200

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

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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 (304) 343-4841
 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	LIFT 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 10-20 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 170, 240, 385, & 850
 IS COAL BEING MINED IN THE AREA? NO BY WHOM? _____

TO DRILL: _____
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 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 Meadowlark Farms/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 Meadowlark Farms 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.

Meadowlark Farms, Inc.
 By Wayne L. Kelley
 For Coal Company
Vice President
 Official Title



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

APR 22 1981

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE APRIL 14, 1981

Surface Owner MEADOWLARK FARMS INC.
Address 345 N. MAIN, SULLIVAN, IND. 47882
Mineral Owner MEADOWLARK FARMS INC.
Address (SAME)
Coal Owner MEADOWLARK FARMS INC.
Address (SAME)
Coal Operator AMAX COAL COMPANY
Address 105 S. MERIDIAN, INDIANAPOLIS, IND. 46225

Company AMAX PETROLEUM CORPORATION
Address 1300 WEST BELT, HOUSTON, TX
Farm P. J. COYNE TR. Acres 93.65
Location (waters) BIG LAUREL RUN OF TYGART RIVER
Well No. P. J. COYNE #1 Elevation 2140
District ROARING CREEK County RANDOLPH
Quadrangle ELLAMORE, W. VA. 7.5 MIN

from Review only

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

Warner

*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.

03/15/2024

BLANKET BOND

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12.5 and will carry out the specified requirements."

Signed by William Phelan

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
JFK
MAY - 4 1981

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

OIL & GAS DIVISION
DEPT. OF MINES

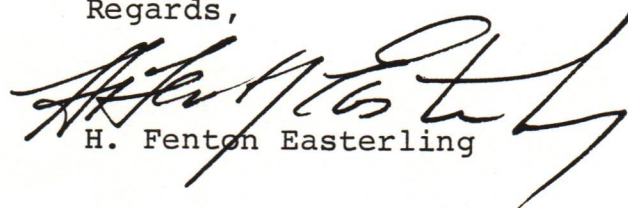
Gentlemen:

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

<u>Present Lease & Well No.</u>	<u>Permit No.</u>	<u>Proposed Lease & 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			1,316'	1,354'		
Big Injun			1,355'	1,410'		
Sand & Shale			1,411'	1,413'		
Pocono			1,414'	1,446'		
Sand & Shale			1,447'	1,816'		
4th Sand			1,817'	1,843'		
Sand & Shale			1,844'	2,082'		
5th Sand			2,083'	2,100'		
Sand & Shale			2,101'	2,275'		
Speechly			2,276'	2,294'		
Sand & Shale			2,295'	2,375'		
Balltown			2,376'	2,382'		
Sand & Shale			2,383'	3,486'		
Riley			3,487'	3,524'		
Sand & Shale			3,525'	3,626'		
Benson			3,627'	3,670'		
Sand & Shale			3,671'	3,903'		
1st Elk			3,904'	3,936'		
Sand & Shale			3,937'	4,245'		
2nd Elk			4,246'	4,274'		
Sand & Shale			4,275'	4,791'		
Haverty			4,792'	4,841'		
Sand & Shale			4,842'	4,878'		
4th Elk			4,879'	4,920'		
Sand & Shale			4,921'	5,029'		
Fox			5,030'	5,040'		
Sand & Shale			5,041'	5,162'		
Total Depth				5,162'		

Date August 28, ~~19~~ 03/15/2024 81

APPROVED AMAX Petroleum Corp. Owner

By Reggie Johnson
Reggie Johnson

RECEIVED

State of West Virginia
 AUG 31 1981 Department of Mines
 Oil and Gas Division

OIL 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: 2,140' Watershed Big Laurel Run of Tygart River
 District: Roaring Creek County: Randolph Quadrangle: Ellamore, W. Va.
7.5 min.

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 5,000 feet
 Depth of completed well 5,162' feet Rotary X / Cable Tools /
 Water strata depth: Fresh 20 feet; Salt; feet.
 Coal seam depths: Is coal being mined in the area?
 Work was commenced 6/9/81, and completed 6/23/81

Casing or Tubing Type	Size	Specifications		Footage Intervals		Cement Fill-Up Or Sacks (cubic feet)		
		Grade	Weight per ft	New	Used		For drilling	Left in well
Conductor	12			X		28'	28'	10 sx. Std. 1 sx. CaCl ₂
Fresh Water								
Coal								
Intermediate	8 5/8"		23#/ft.	X		1,226'	1,226'	Cmt. to surf.
Production	4 1/2"		10.5#/ft	X		5,094'	5,094'	Cmt. to 1300'
Tubing								
Liners								

Well Treatment details:
 Perf. Fox @ 5,030'-34' w/1SPF. Frac'd w/250 gal. 15% HCl & 120 bbls. gel & 15,000# 80/100 @ 11 BPM & 3,400#. Followed w/260 Bbl. gel + 40,000# 20/40 @ 14BPM & 3,300#.
 Perf. Haverty @ 4,793'-815' w/1SPF. Frac'd w/500 gal. 15% HCl & 120 bbls. gel & 15,000# 80/100 @ 34 BPM & 3,200#. Followed w/375 bbls. gel & 50,000# 20/40 @ 38 BPM & 3,100#. Perf. 2nd Elk @ 4,254'-66' w/1SPF. Frac'd w/750 gal 15% HCl & 120 bbls. gel & 15,000# 80/100 @ 29 BPM & 3,300#. Followed w/260 bbls. gel & 40,000# 20/40 @ 36 BPM & 2,900#. Perf. 1st Elk @ 3,921'-29' & 3,905'-11' w/1SPF. Frac'd w/ 500 gal. 15% HCl & 120 bbls. gel & 15,000# 80/100 @ 34 BPM & 3,100#. Followed w/265 bbls. gel & 40,000# 20/40 @ 38 BPM & 2,800#. Perf. Benson @ 3,659'-66', 3,627'-37' & Riley @ 3,489'-97' w/1SPF. Frac'd w/500 gal. 15% HCl + 120 bbls. gel & 15,000# 80/100 @ 42 BPM & 2,500#. Followed w/270 bbls. gel & 40,000# 20/40 @ 45 BPM & 2,200#. (Well log on reverse side)

Gas: Initial open flow, Mcf/d Oil: Initial open flow, Bbl/d
 Final open flow, 1,305 Mcf/d Final open flow, Bbl/d
 Static Rock Pressure, 1,750 psig (surface measurement) after 72 hours shut in.

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

RECEIVED

JUN - 8 1981

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

GAS

Permit No. 083-0455

Company	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
<u>AMAX PROD</u>				
<u>HOUSTON TEXAS</u>	Size			
<u>MEADOWLARK FARMS</u>	16			Kind of Packer
<u>O'Yne # 1</u>	13			
<u>ROARING CREEK County RANDOLPH</u>	10			Size of
<u>6-4-81</u>	8 1/4			
	6%			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	FEET	INCHES

Drillers' Names RAY Resources Rig 14

Remarks: Move Rig SPD

6-4-81

~~_____~~

DATE

Robert Stewart 511
DISTRICT INSPECTOR

03/15/2024

STATE OF OREGON
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: _____

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

DATE

DISTRICT WELL INSPECTOR

03/15/2024

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

RECEIVED
APR 29 1983

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 083-0455

Oil or Gas Well _____
(KIND)

Company ANAT Petroleum
 Address _____
 Farm MEADOWLARK FARMS
 Well No. #1
 District BEARING CREEK County RANDOLPH
 Drilling commenced 6-4-81
 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 5/8			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:
O.K. To Release

4-27-83
DATE

Robert Stewart 03/15/2024 511
DISTRICT WELL INSPECTOR



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

May 9, 1983

Amax Petroleum Corporation
1300 West Belt
P. O. Box 42806
Houston, Texas 77042

Gentlemen:

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 NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
RAN-0361	Meadowlark Farms, Inc./Blackburn #1	Roaring Creek
RAN-0362	Meadowlark Farms, Inc./Blackburn #2	Roaring Creek
RAN-0455	Meadowlark Farms, Inc./Greer #1	Roaring Creek
RAN-0456	Meadowlark Farms, Inc./Greer #2	Roaring Creek

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

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

TMS/

03/15/2024

1.0 API well number: (If not available, leave blank. 14 digits.)	47-083-0455			
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.)	5034 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 P. O. Box 42806 Street Houston TX 77042 City State Zip Code			000446 Seller 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 W. Va. County 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.)	Greer #1 <i>map shows</i>			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<i>Coyne #1</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:	03 04 82 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) 2.634	(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.)	2.634	---	---	---
9.0 Person responsible for this application:	Norman B. Gove Senior Vice President Name Title <i>Norman B. Gove</i> Signature Amended May 7, 1982 December 9, 1981 Date Application is Completed			
Agency Use Only Date Received by _____ Agency Date Received by FERC	DEC 14 1981 (713) 978-7700 Phone Number			

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
811214-103-083-0455
 Use Above File Number on all Communications
 Relating to Determination of this Well

QUALIFIED

Deferred for a complete well record
J. H. Huzzey

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

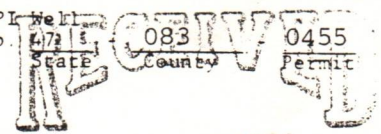
- 1. FERC -121 Items not completed - Line No. 7.0 + 8.0 b,c,d
- 2. IV-1 Agent W. M. Woodroe
- 3. IV-2 Well Permit _____
- 4. IV-6 Well Plat
- 5. IV-35 Well Record Drilling Deepening _____
- 6. IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____
- 7. IV-39 Annual Production _____ years
- 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: 6-9-81 Date completed 6-23-81 Deepened _____
- (5) Production Depth: 5030-39, 4793-815, 4854-66, 3921-29, 3659, 3489-97
- (5) Production Formation: Fox, Haverty, 2nd Elk, 1st Elk, Benson, Riley
- (5) Final Open Flow: 1305 MCF
- (5) After Frac. R. P. 1750^{###} 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? 03/15/2024
- Was Determination Objected to _____ By Whom? _____

FS

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

Greer #1
NGPA Sec. 103

Operator's Well No. _____
API Well No. 4725 083 0455
State County Permit



WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

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

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

LOCATION: Elevation 2140'
Watershed Big Laurel Run of Tygart River
Roaring
Dist. Creek County Randolph Quad Ellamore 7.5

GAS PURCHASER Cal. Gas Transmission
ADDRESS *

Gas Purchase Contract No. *
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: June 9, 1981

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

BHP = 1964
BHP = PSI + $\frac{(0.01878) (PSI) (G) (L)}{TSI}$
PSI = 1765
G = .65
L = 5032
TSI = 546
PSI = Shut-in wellhead pressure in PSIA
G = Gas gravity (assuming 0.65)
L = Average length of flow string (feet)
TSI = Average shut-in well temperature (degrees R)
 $\frac{BHT + 520}{2} = TSI$
BHT = degrees R absolute

AFFIDAVIT

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, 19 81 has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 10 day of December, 19 81. My term of office expires on the 10 day of November, 19 81.

[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.