



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

SEP 17 1980

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 9, 1980

Surface Owner Meadowlark Farms Inc.
Address 315 N. Main, Sullivan, Ind. 47882

Company AMAX Petroleum Corporation
Address 1300 West Belt, Houston, TX 77042

Mineral Owner See Attachment
Address _____

Farm J. Moyle Tract Acres 100

Coal Owner Meadowlark Farms, Inc.
Address 105 S. Meridian, Indianapolis, Ind.

Location (waters) Big Laurel Run of Tyrant River

Coal Operator Meadowlark Farms, Inc.
Address 105 S. Meridian, Indianapolis, Inc. 46225

Well No. J. Moyle #2 Elevation 2370
District 46225 Roaring Creek County Randolph

Quadrangle Ellamore, W. VA. 7.5 Minute

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 5-30-81.

INSPECTOR TO BE NOTIFIED Robert Stewart

ADDRESS P. O. Box 345, Jane Lew, W. VA. 36378

PHONE 884-7782

Fred Burnett
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 Corporation 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.

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

Very truly yours,

(Sign Name) AMAX Petroleum Corporation
Well Operator

1300 West Belt

Street

Houston

City or Town

Texas 77042

State

03/22/2024

47-083-0362

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-6 and will carry out the specified requirements."

Signed by _____

**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 Ray Resources NAME Bob Schmalhausen
 ADDRESS 630 Commerce Square, Charleston, W. VA. ADDRESS 1300 West Belt, Houston, TX 77042
 TELEPHONE 304/344-8393 TELEPHONE 713/978-7700
 ESTIMATED DEPTH OF COMPLETED WELL: 5,200' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Elk Sand
 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 THT UP OR SACKS - CUBIC FT. |
|------------------------|-------------------|--------------|--|
| 20 - 16 | | | |
| 13 - 10 | Conductor | + 50' | Cmt to Surface |
| 9 - 5/8 | | | |
| 8 - 5/8 | Surface | + 1200' | Cmt to Surface |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | Production | 5200' | Cmt to cover all potential completion zone |
| 3 | | | Perf. Top |
| 2 | | | Perf. Bottom |
| Liners | | | Perf. Top |
| | | | Perf. Bottom |

APPROXIMATE FRESH WATER DEPTHS 115 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS 140, 185, 200, 500, 785
 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 Meadowlark Farms, Inc. ~~Company~~ Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location. **03/22/2024**

We the Meadowlark Farms, Inc. ~~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.

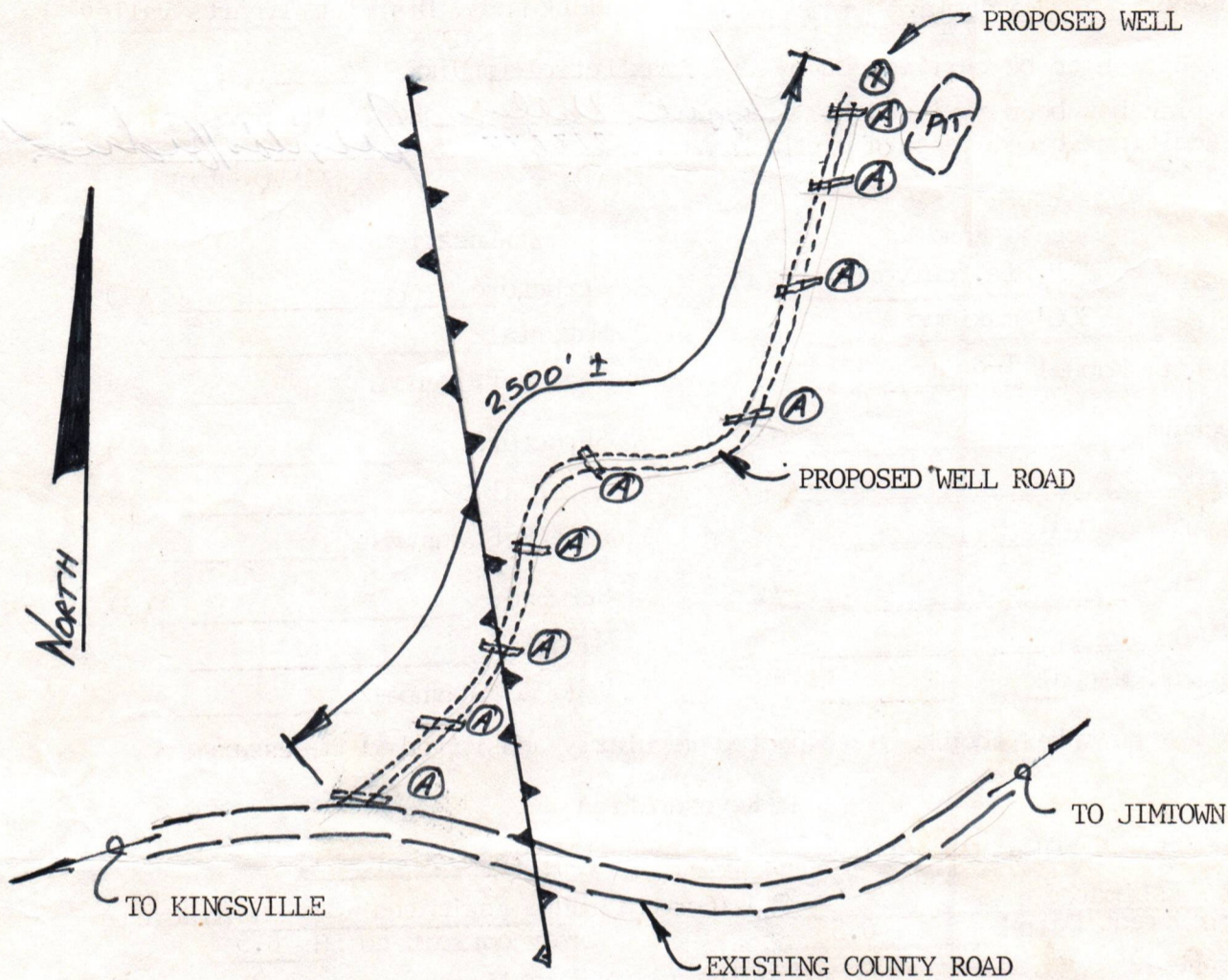
Thomas F. Kelly
 Vice President, ~~Company~~

 Official Title

WELL SITE PLAN

- | | | | |
|---------------------------|--|------------|--|
| Legend: Property Boundary | | Diversion | |
| Road | | Spring | |
| Existing Fence | | Wet Spot | |
| Planned Fence | | Building | |
| Stream | | Drain Pipe | |
| Open Ditch | | 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.

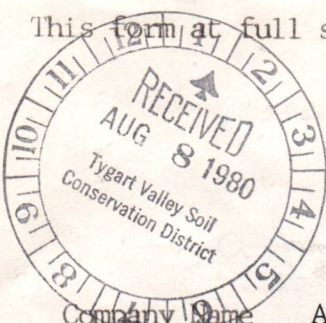


- Comments:
- 1.) Disturbed area to be kept to a minimum.
 - 2.) Cut slopes to be 2:1.
 - 3.) New access road to follow old logging road. Road to be widened with the trees and brush to be stacked and burned.
 - 4.) New culverts to be at natural drain areas or at 300 foot maximum spacing. Ditches to be cut on the uphill side where necessary.

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

03/22/2024

This form at full size is 8 1/2 x 14 allowing room for sketch and topo map.



2

Date 19
Well No. J. moyle #2
API No. 47-083-0362

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name Amax Petroleum Inc. Designated Agent Kenneth I. Reiss
Address P.O. Box 42806 Address P.O. Box 42806 Houston, Texas
Telephone Houston, Texas 77042 Telephone 1-713-978-7700
Landowner Meadowlark Farms Inc. Soil Cons. District Tygart Valley

Revegetation to be carried out by Amax Petroleum Inc. (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections
and additions become a part of this plan. 8/8/80
(Date) (SCD Agent)

| | |
|--|--|
| Access Road | Location |
| Structure <u>12" Dia. culverts</u> (A) | Structure <u>None</u> (1) |
| Spacing <u>300' maximum</u> | Material <u> </u> |
| Page Ref. Manual <u>I-8</u> | Page Ref. Manual <u> </u> |
| Structure <u> </u> (B) | Structure <u> </u> (2) |
| Spacing <u> </u> | Material <u> </u> |
| Page Ref. Manual <u> </u> | Page Ref. Manual <u> </u> |
| Structure <u> </u> (C) | Structure <u> </u> (3) |
| Spacing <u> </u> | Material <u> </u> |
| Page Ref. Manual <u> </u> | Page Ref. Manual <u> </u> |

All structures should be inspected regularly and repaired if necessary.

Revegetation

Treatment Area I

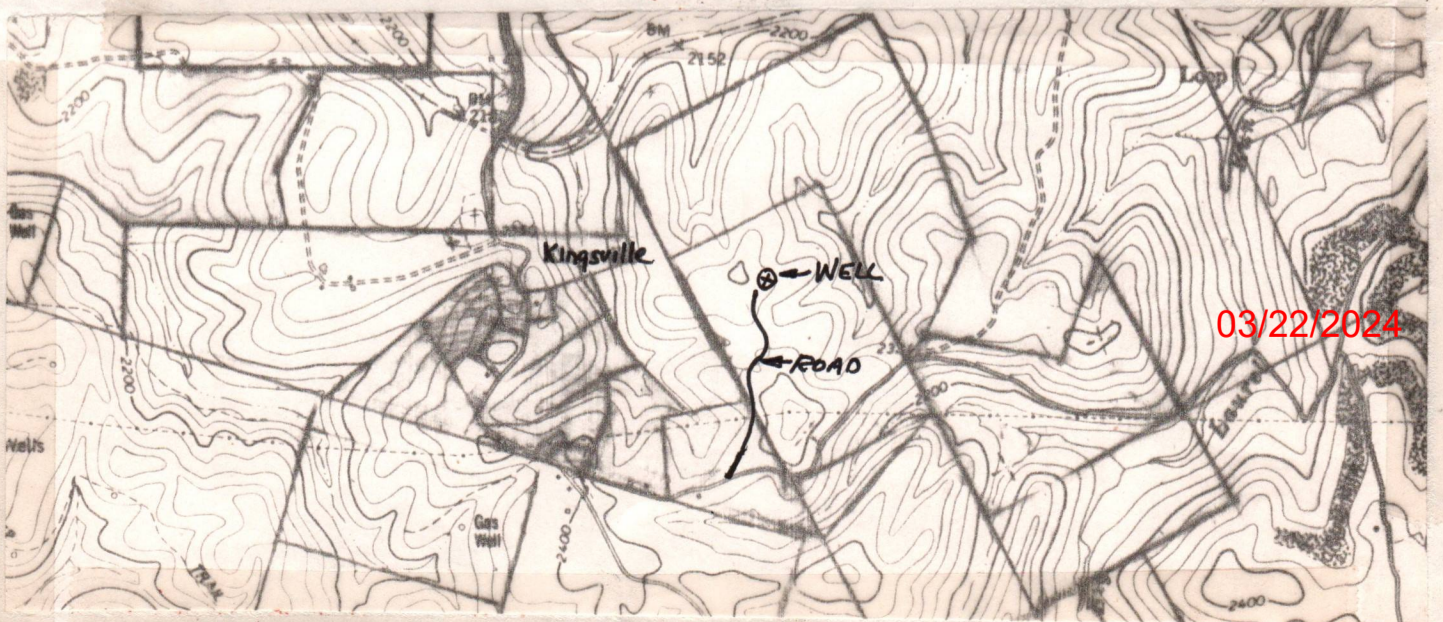
Treatment Area II

| | |
|--|--|
| Lime Estimated <u> </u> 3 Tons/acre | Lime Estimated <u> </u> 3 Tons/acre |
| or correct to pH <u>6.5</u> | or correct to pH <u>6.5</u> |
| Fertilizer <u>600</u> lbs./acre | Fertilizer <u>600</u> lbs./acre |
| (10-20-20 or equivalent) | (10-20-20 or equivalent) |
| Mulch Hay <u>2</u> Tons/acre | Mulch Hay <u>2</u> Tons/acre |
| Seed* <u>Kentucky 31</u> 40 lbs./acre | Seed* <u>Kentucky 31</u> 40 lbs./acre |
| <u>Birdsfoot Trefoil</u> 10 lbs./acre | <u>Birdsfoot 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, W.Va.

Legend: ⊕ Well Site
 — Access Road



BOND DRILL

03/22/2024

ATTACHMENT TO OIL & GAS WELL PERMIT APPLICATION

Well No.: J. Moyle #2
County: Randolph

Mineral Owners

Coal - Meadowlark Farms, Inc.
105 S. Meridian
Indianapolis, Indiana 46225

Oil & Gas - AMAX Petroleum Corporation
1300 West Belt - P.O. Box 42806
Houston, Texas 77042

RECEIVED
SEP 17 1980

OIL & GAS DIVISION
DEPT. OF MINES

03/22/2024

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

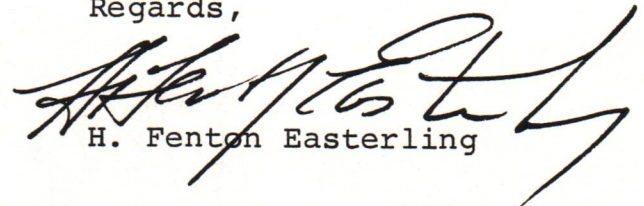
Gentlemen:

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

| <u>Present Lease & 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

03/22/2024

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | Remarks |
|--------------|-------|--------------|----------|-------------|-------------------|---------|
| Big Lime | | | 1,312' | 1,375' | | |
| Big Injun | | | 1,376' | 1,460' | | |
| Sand & Shale | | | 1,461' | 1,568' | | |
| Pocono | | | 1,569' | 1,621' | | |
| Sand & Shale | | | 1,622' | 1,980' | | |
| 4th Sand | | | 1,981' | 2,021' | | |
| Sand & Shale | | | 2,022' | 2,071' | | |
| 5th Sand | | | 2,072' | 2,091' | | |
| Sand & Shale | | | 2,092' | 2,247' | | |
| Speechly | | | 2,248' | 2,278' | | |
| Sand & Shale | | | 2,279' | 2,353' | | |
| Balltown | | | 2,354' | 2,366' | | |
| Sand & Shale | | | 2,367' | 3,611' | | |
| Riley | | | 3,612' | 3,724' | | |
| Sand & Shale | | | 3,725' | 3,821' | | |
| Benson | | | 3,822' | 3,870' | | |
| Sand & Shale | | | 3,871' | 4,097' | | |
| 1st Elk | | | 4,098' | 4,127' | | |
| Sand & Shale | | | 4,128' | 4,198' | | |
| 2nd Elk | | | 4,199' | 4,246' | | |
| Sand & Shale | | | 4,247' | 4,996' | | |
| Haverty | | | 4,997' | 5,031' | | |
| Sand & Shale | | | 5,032' | 5,085' | | |
| 4th Elk | | | 5,086' | 5,104' | | |
| Sand & Shale | | | 5,105' | 5,273' | | |
| Fox | | | 5,274' | 5,286' | | |
| Sand & Shale | | | 5,287' | 5,343' | | |
| Total Depth | | | | 5,343' | | |

Date August 26, **03/22/2024**, 19 **81**

APPROVED AMAX Petroleum Corp. Owner

By Reggie Johnson
Reggie Johnson

RECEIVED

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

Well Type: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
 (If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /
 Location: Elevation: 2,370' 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 9/30/80 Oil & Gas Inspector for This Work:
 Name: Robert Stewart
 Address: P. O. Box 345
Jane Lew, W. Va. 26378

Geological Target Formation: Elk Depth 5,200 feet
 Depth of completed well, 5,343 feet Rotary X / Cable Tools ___ /
 Water strata depth: Fresh 30 feet; Salt; ___ feet.
 Coal seam depths: ___ Is coal being mined in the area? ___
 Work was commenced 2/20/81, and completed 3/12/81

Casing and Tubing Program

| 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 | 11 ³ / ₄ " | | | X | | 35' | 35' | 15 sx. Std. 1 sx. CaCl ₂ |
| Fresh Water | | | | | | | | |
| Coal | | | | | | | | |
| Intermediate | 8 ⁵ / ₈ " | | 23#/ft. | X | | 1194' | 1,194' | Cmt. to surf. |
| Production Tubing | 4 ¹ / ₂ " | | 10.5#/ft | X | | 5328' | 5328' | Cmt. to 3000' |
| Liners | | | | | | | | |

Well Treatment details:
 Perforated Haverty @ 4,998'-5,020' w/1SPF. Frac'd w/250 gal. 15% HCl + 90 bbls. gel & 10,000# 80/100 @ 33 BPM & 2,400#. Followed w/235 bbls. gel & 30,000# 20/40 @ 35 BPM & 2,300#. Perforated Benson @ 3,856'-64' & 3,825'-40' w/1SPF. Frac'd w/90 bbls. gel & 10,000# 80/100 @ 38 BPM & 2,200#. Followed w/212 bbls. gel & 30,000# 20/40 @ 42 BPM & 1,800#. Perforated Riley @ 3,683'-3,700' w/1SPF. Frac'd w/90 bbls. gel & 10,000# 80/100 @ 35 BPM & 2,400#. Followed w/235 bbls. gel & 30,000# 20/40 @ 36 BPM & 2,200#.

Gas: Initial open flow, ___ Mcf/d Oil: Initial open flow, ___ Bbl/d
 Final open flow, 1,163 Mcf/d Final open flow, ___ Bbl/d
 Static Rock Pressure, 1,650 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

FEB 23 1981

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 083-0362

| Company | Address | Farm | Well No. | District | County | Drilling commenced | Drilling completed | Date shot | Initial open flow | Open flow after tubing | Volume | Rock pressure | Oil | Fresh water | Salt water | Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-----------------------|----------------------|-----------------|------------|----------------------|-----------------|--------------------|--------------------|-----------|-------------------|------------------------|--------|---------------|-----|-------------|------------|-------------------|------------------|--------------|---------|
| | | | | | | | | | | | | | | | | | | | |
| <u>ANAX Petroleum</u> | <u>HOUSTON TEXAS</u> | <u>J. Noyle</u> | <u># 2</u> | <u>ROARING CREEK</u> | <u>RANDOLPH</u> | <u>2-18-81</u> | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

Drillers' Names RAY Resources RiG 14

Remarks: Move RiG SPD

2-18-81
DATE

Robert Stewart 511
DIRECTOR
03/22/2024

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

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APR 29 1983

OIL & GAS DIVISION
DEPT. OF MINES
INSPECTOR'S WELL REPORT

Permit No. 083-0362

Oil or Gas Well _____
(KIND)

Company ANAX Petroleum
 Address HOUSTON TEXAS
 Farm Junoyle
 Well No. #2
 District BARWIG CREEK County RAUDOLPH
 Drilling commenced 2-18-81
 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 03/22/2024 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/

03/22/2024

| | | | | | | | | |
|---|--|--|--|---|--|--|--|--|
| <p>1.0 API well number: (If not available, leave blank. 14 digits.)</p> | <p style="text-align: center;">47-083-0362</p> | | | | | | | |
| <p>2.0 Type of determination being sought: (Use the codes found on the front of this form.)</p> | <p style="text-align: center;">103 Section of NGPA</p> | | <p style="text-align: center;">Category Code</p> | | | | | |
| <p>3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)</p> | <p style="text-align: center;">5020 feet</p> | | | | | | | |
| <p>4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)</p> | <p>AMAX Petroleum Corporation Name P. O. Box 42806 Street Houston TX 77042 City State Zip Code</p> | | <p>000446 Seller Code</p> | | | | | |
| <p>5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)</p> | <p>Roaring Creek Field Name Randolph W. Va. County State</p> | | | | | | | |
| <p>(b) For OCS wells:</p> | <p>Area Name Block Number Date of Lease: Mo. Day Yr. OCS Lease Number</p> | | | | | | | |
| <p>(c) Name and identification number of this well: (35 letters and digits maximum.)</p> | <p>Blackburn #2</p> | | | | | | | |
| <p>(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)</p> | <p></p> | | | | | | | |
| <p>6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)</p> | <p>Columbia Gas Transmission Corporation Name</p> | | <p>004030 Buyer Code</p> | | | | | |
| <p>(b) Date of the contract:</p> | <p style="text-align: center;">03 04 82 Mo. Day Yr.</p> | | | | | | | |
| <p>(c) Estimated annual production:</p> | <p style="text-align: center;">180 MMcf.</p> | | | | | | | |
| <p></p> | | <p>(a) Base Price (\$/MMBTU)</p> | <p>(b) Tax</p> | <p>(c) All Other Prices [Indicate (+) or (-).]</p> | <p>(d) Total of (a), (b) and (c)</p> | | | |
| <p>7.0 Contract price: (As of filing date. Complete to 3 decimal places.)</p> | | <p style="text-align: center;">2.634</p> | <p style="text-align: center;">-----</p> | <p style="text-align: center;">-----</p> | <p style="text-align: center;">-----</p> | | | |
| <p>8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)</p> | | <p style="text-align: center;">2.634</p> | <p style="text-align: center;">-----</p> | <p style="text-align: center;">-----</p> | <p style="text-align: center;">-----</p> | | | |
| <p>9.0 Person responsible for this application:</p> <table border="1" data-bbox="105 1728 475 1938"> <tr> <td data-bbox="105 1728 475 1766">Agency Use Only</td> </tr> <tr> <td data-bbox="105 1766 475 1850">Date Received by Agency DEC. 14 1981</td> </tr> <tr> <td data-bbox="105 1850 475 1938">Date Received by FERC</td> </tr> </table> | Agency Use Only | Date Received by Agency DEC. 14 1981 | Date Received by FERC | <p>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 (713) 978-7700 Phone Number</p> | | | | |
| Agency Use Only | | | | | | | | |
| Date Received by Agency DEC. 14 1981 | | | | | | | | |
| Date Received by FERC | | | | | | | | |

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

811214-103-083-0362

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

QUALIFIED

Deferred for a complete well record

J. 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 bcd
- 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: 2-20-81 Date completed 3-12-81 Deepened
- (5) Production Depth: 4998-5020, 3856-64, 3683-
- (5) Production Formation: Haverty, Benson, Riley
- (5) Final Open Flow: 1163 MCF
- (5) After Frac. R. P. 1650^{###} 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 Rep
- (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? _____

03/22/2024

5

Date December 19 81

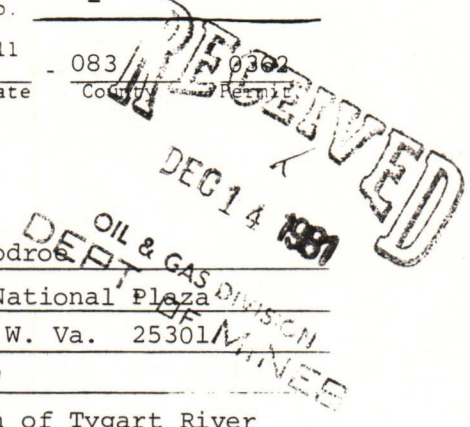
Blackburn #2
NGPA Sec. 103

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

Operator's Well No. _____
API Well No. 47 - 083
State West Virginia Permit 0302

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

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



WELL OPERATOR AMAX Petroleum Corporation LOCATION: Elevation 2370'
ADDRESS P. O. Box 42806 Watershed Big Laurel Run of Tygart River
Houston, Texas 77042 Roaring
Dist. Creek County Randolph Quad. Ellamore 5
GAS PURCHASER Col. Gas Transmission Gas Purchase Contract No. *
ADDRESS * 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: February 20, 1981

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

BHP = 1851
BHP = PSI + $\frac{(0.01878) (PSI) (G) (L)}{TSI}$
PSI = 1665
G = .65
L = 5009
TSI = 547
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).
 $\frac{BHT + 520}{2} = TSI$

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, 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.

03/22/2024