



Date: July 15, 19 82

FORM IV-2 (Obverse) (12-81)

Operator's Well No. #3174-2

API Well No. 47 085 5772

State County Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil xx / Gas / (If "Gas", Production / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 986' Watershed: Right Fork of Big Run District: Grant County: Ritchie Quadrangle: Cairo 7:5'

WELL OPERATOR PETROLEUM DEVELOPMENT CORPORATION DESIGNATED AGENT John R. Mitchell

Address PO Box 26, 103 East Main Street Bridgeport, WV 26330

Address PO Box 26, 103 East Main Street Bridgeport, WV 26330

OIL & GAS ROYALTY OWNER Griffin Producing Company

Address 320 South Boston, Suite #1504 Tulsa, Okl. 74103

Acreage 1800

COAL OPERATOR

Address

SURFACE OWNER Raymond McVay

Address Rt 1, Cairo, WV 26337

Acreage 110.37

COAL OWNER(S) WITH DECLARATION ON RECORD:

Name none

Address

RECEIVED

JUL 21 1982

Name

Address

OIL AND GAS DIVISION WV DEPARTMENT OF MINES

FIELD SALE (IF MADE) TO:

Address

COAL LESSEE WITH DECLARATION ON RECORD:

Name

Address

OIL & GAS INSPECTOR TO BE NOTIFIED

Name

Address Samuel N. Hersman P.O. Box 66 Smithville, W.Va. 26178 477-3597

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease other contract x / dated April 29, 19 82, to the undersigned well operator from Magnum Oil Corporation

(IF said deed, lease, or other contract has been recorded:) Recorded on May 10, 19 82, in the office of the Clerk of the County Commission of Ritchie County, West Va., in Book 143 at page 705. A permit is requested as follows:

PROPOSED WORK: Drill xx / Drill deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify) —planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

04/12/2024

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

BLANKET BOND

PETROLEUM DEVELOPMENT CORPORATION Well Operator By John R. Mitchell Its Area Manager of Operations



**PROPOSED WORK ORDER**

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

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

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION, Marcellus Shale

Estimated depth of completed well, 5900 feet Rotary xx / Cable tools \_\_\_\_\_ /

Approximate water strata depths: Fresh, 386 feet; salt, 561 feet.

Approximate coal seam depths: none Is coal being mined in the area? Yes \_\_\_\_\_ / No xx /

**CASING AND TUBING PROGRAM**

| CASING OR TUBING TYPE | SPECIFICATIONS |       |               | New | Used | FOOTAGE INTERVALS |              | CEMENT FILL-UP OR SACKS (Cubic feet) | PACKERS       |
|-----------------------|----------------|-------|---------------|-----|------|-------------------|--------------|--------------------------------------|---------------|
|                       | Size           | Grade | Weight per ft |     |      | For drilling      | Left in well |                                      |               |
| Conductor             | 16"            | --    | --            |     | x    | 30'               | 30'          |                                      | Kinds         |
| Fresh Water           | 1 3/4          | H=40  | 44#           | x   |      | 420'              | 420'         | cement to surface                    |               |
| Coal                  |                |       |               |     |      |                   |              |                                      | Sizes         |
| Intermediate          | 8 5/8          | H-40  | 23#           | x   |      | 1940'             | 1940'        | cement to surface                    |               |
| Production            | 4 1/2          | J-55  | 10.5#         | x   |      | 5850'             | 5850'        | 500 sks                              | Depths set    |
| Tubing                |                |       |               |     |      |                   |              |                                      |               |
| Liners                |                |       |               |     |      |                   |              |                                      | Perforations: |
|                       |                |       |               |     |      |                   |              |                                      | Top Bottom    |

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form Iv-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE;**  
**ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,**  
**ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY**  
 APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE  
 IF OPERATIONS HAVE NOT COMMENCED BY 3-23-83  
 BY [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

**WAIVER**

**04/12/2024**

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

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


By \_\_\_\_\_

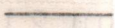
Its \_\_\_\_\_



ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE CAIRO 7.5

LEGEND

Well Site 

Access Road 





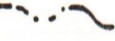
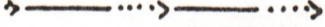







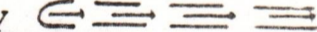
WELL SITE PLAN

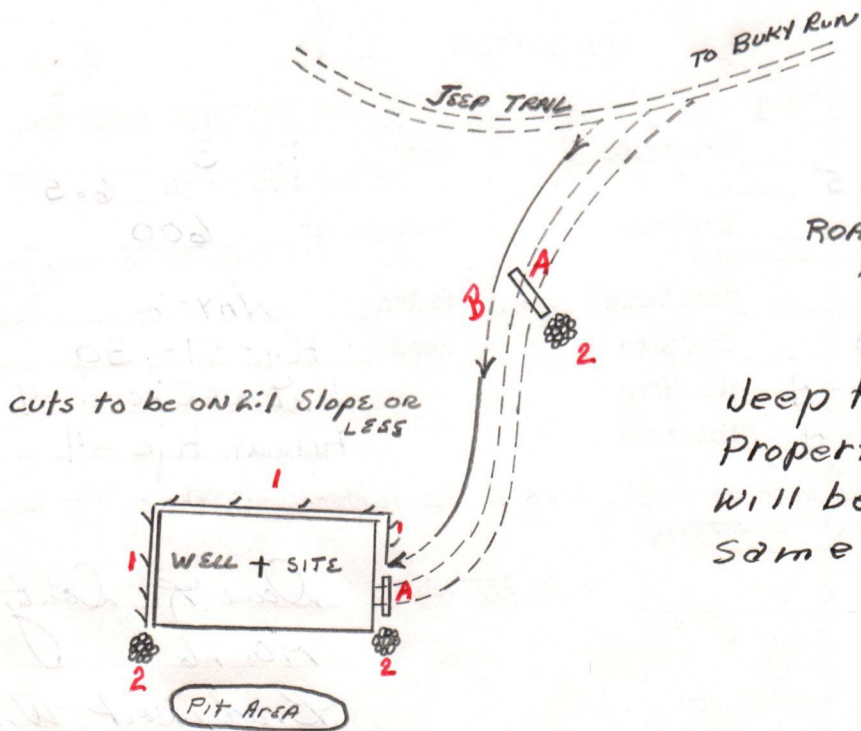
Sketch to include well location, existing access road, roads to be constructed, wells, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

Land Use: Pasture \_\_\_ Hayland \_\_\_ Cropland \_\_\_ Woodland

LEGEND

- Property boundary 
- Road 
- Existing fence 
- Planned fence 
- Stream 
- Open ditch 

- Diversion 
- Spring 
- Wet spot 
- Building 
- Drain pipe 
- Waterway 



ROADWAY SLOPE IS Approx 8-10%

Jeep trail on private Property, where used, will be maintained same as access road.

04/12/2024





RECEIVED

JUL 21 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division

DATE JUNE 29 82  
WELL NO. 3174-2 *Griffin*  
API NO. 47-085-5772 *Producing*

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Petroleum Development Corp. DESIGNATED AGENT John R. Mitchell  
Address P.O. 26 BRIDGEPORT W.Va. 26330 Address P.O. 26 BRIDGEPORT W.Va. 26330  
Telephone (304) 842-6256 Telephone (304) 842-6256  
LANDOWNER GORDEN McVay SOIL CONS. DISTRICT Little Kanawha  
Revegetation to be carried out by SEEDING CONTRACTOR (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 6-30-82 (Date)

Jarrett Newlon  
(SCD Agent)

ACCESS ROAD

LOCATION

| ACCESS ROAD                         | LOCATION                             |
|-------------------------------------|--------------------------------------|
| Structure <u>DRAIN PIPE</u> (A)     | Structure <u>Diversion Ditch</u> (1) |
| Spacing <u>(Min. 12" I.D.)</u>      | Material <u>Earthen</u>              |
| Page Ref. Manual <u>2:7</u>         | Page Ref. Manual <u>2:12</u>         |
| Structure <u>DRAINAGE DITCH</u> (B) | Structure <u>Rip-Rap</u> (2)         |
| Spacing <u>N/A</u>                  | Material <u>STONE</u>                |
| Page Ref. Manual <u>2:12</u>        | Page Ref. Manual <u>N/A</u>          |
| Structure _____ (C)                 | Structure _____ (3)                  |
| Spacing _____                       | Material _____                       |
| Page Ref. Manual _____              | Page Ref. Manual _____               |

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

REVEGETATION

Treatment Area I

Treatment Area II

Lime 3 Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch HAY-2 Tons/acre  
Seed\* Ky-31-30 lbs/acre  
LADINA Clover-4 lbs/acre  
Annual Rye-4 lbs/acre

Lime 3 Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch HAY-2 Tons/acre  
Seed\* Ky-31-30 lbs/acre  
LADINA Clover-4 lbs/acre  
Annual Rye-4 lbs/acre

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

PLAN PREPARED BY Dave R. Daulton 04/12/2024

ADDRESS P.O. 26  
Bridgeport, W.Va. 26330  
PHONE NO. 304-842-6256

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



(REVERSE)

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

N<sub>2</sub> and CO<sub>2</sub> Total for Job 1,320,000scf N<sub>2</sub> and 101 bbls CO<sub>2</sub>; 1500gal acid

1st stage 10 perf(4883-4899) 440,000 scf N<sub>2</sub>; 20 bbls CO<sub>2</sub>; 336 gal acid

2nd stage 27 perf(4225-4657) 440,000 scf N<sub>2</sub>; 42 bbls CO<sub>2</sub>; 336 gal acid

3rd stage 44 perf(3571-4170) 440,000 scf N<sub>2</sub>; 39 bbls CO<sub>2</sub>; 840 gal acid

WELL LOG

| FORMATION           | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS  |
|---------------------|-------|--------------|----------|-------------|--|
|                     |       |              |          |             | Including indication of all fre<br>and salt water, coal, oil and c |
| KB-GL               |       |              | 0        | 10          |  |
| red rock            |       |              | 10       | 16          |  |
| sand and shale      |       |              | 16       | 132         |  |
| sand                |       |              | 132      | 160         |  |
| sand and shale      |       |              | 160      | 230         | ½" stream H <sub>2</sub> O @ 163'                                  |
| sand                |       |              | 230      | 237         |  |
| sand, shale         |       |              | 237      | 258         |  |
| red rock            |       |              | 258      | 268         |  |
| sand and shale      |       |              | 268      | 330         |  |
| red rock            |       |              | 330      | 373         |  |
| sand                |       |              | 373      | 432         |  |
| sand, shale, RR     |       |              | 432      | 1175        | hole damp @ 856'   |
| sand                |       |              | 1175     | 1233        |  |
| sand, shale, RR     |       |              | 1233     | 1754        |  |
| Big Lime            |       |              | 1754     | 1850        |  |
| Big Injun           |       |              | 1850     | 1965        |  |
| Squaw               |       |              | 1965     | 2003        |  |
| sand, shale         |       |              | 2003     | 2110        |  |
| Weir                |       |              | 2110     | 2180        |  |
| sand, shale         |       |              | 2180     | 2326        |  |
| Sunbury shale       |       |              | 2326     | 2340        |  |
| Berea               |       |              | 2340     | 2359        |  |
| sand, shale         |       |              | 2359     | 2450        |  |
| Gantz               |       |              | 2450     | 2511        |  |
| sand, shale         |       |              | 2511     | 2720        |  |
| Gordon Stray/Gordon |       |              | 2720     | 2766        |  |
| sand, shale         |       |              | 2766     | 3360        | gas show @ 2817  |
| Huron               |       |              | 3360     | 4484        | gas show @ 3692 2/10 thru  |
| Java                |       |              | 4484     | 4855        |  |
| Angola              |       |              | 4855     | 5178        |  |
| Rhinestreet         |       |              | 5178     | 5620        |  |
| sonyea              |       |              | 5620     | 5740        |  |
| Genesee             |       |              | 5740     | 5800        |  |
| Marcellus           |       |              | 5800     | 5898 TD     |  |

(Attach separate sheets as necessary)

Petroleum Development Corporation

well Operator

By:

Date:

January 24, 1983

04/12/2024

*John Mitchell*

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including sand, encountered in the drilling of a well."





Date 1/21/82  
 Operator's Well No. 3174-2 (E-1)  
 Farm Griffin Producing  
 API No. 47 - 085 - 5772

**RECEIVED** State of West Virginia  
 Department of Mines  
 Oil and Gas Division  
 JAN 25 1983

OIL AND GAS DIVISION  
 WV DEPARTMENT OF MINES  
**WELL OPERATOR'S REPORT**  
 OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas    / Liquid Injection    / Waste Disposal    /  
 (If "Gas," Production    / Underground Storage    / Deep    / Shallow    /)

LOCATION: Elevation: 986 Watershed Right Fork of Big Run  
 District: Grant County Ritchie Quadrangle Cairo 7½

COMPANY Petroleum Development Corporation  
 ADDRESS P.O. Box 26, Bridgeport WV 26330  
 DESIGNATED AGENT Petroleum Development Corporation  
 ADDRESS P.O. Box 26, Bridgeport WV 26330  
 SURFACE OWNER Raymond McVay  
 ADDRESS Rt 1, Cairo, WV 26337  
 MINERAL RIGHTS OWNER Griffin Producing Co.  
 ADDRESS 320 S. Boston, Suite #1504, Tulsa OK 74102  
 OIL AND GAS INSPECTOR FOR THIS WORK Sam  
hersman ADDRESS P.O. Box 66, Smithville WV 26178  
 PERMIT ISSUED 7/21/82  
 DRILLING COMMENCED 8/29/82  
 DRILLING COMPLETED 9/10/82

| Casing & Tubing  | Used in Drilling | Left in Well | Cement fill up Cu. ft. |
|------------------|------------------|--------------|------------------------|
| Size 20-16 Cond. | 30'              |              |                        |
| 11 3/4" 13-10"   | 390'             | 390'         | cement to surface      |
| 9 5/8            |                  |              |                        |
| 8 5/8            | 1881             | 1881         | cement to surface      |
| 7                |                  |              |                        |
| 5 1/2            | 5843             | 5843         | 735 sks                |
| 4 1/2            |                  |              |                        |
| 3                |                  |              |                        |
| 2                |                  |              |                        |
| Liners used      |                  |              |                        |

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

GEOLOGICAL TARGET FORMATION Marcellus Shale Depth 5800 feet  
 Depth of completed well 5898 feet Rotary X / Cable Tools     
 Water strata depth: Fresh 163 feet; Salt 856 feet  
 Coal seam depths: none Is coal being mined in the area? no

OPEN FLOW DATA  
 Producing formation Devonian Shale Pay zone depth 3571-4899 feet  
 Gas: Initial open flow 106 Mcf/d Oil: Initial open flow    Bbl/d  
 Final open flow    Mcf/d Final open flow    Bbl/d  
 Time of open flow between initial and final tests    hours  
 Static rock pressure 1200 psig (surface measurement) after 24 hours shut in  
 (If applicable due to multiple completion--)  
 Second producing formation    Pay zone depth    feet  
 Gas: Initial open flow    Mcf/d Oil: Initial open flow    Bbl/d  
 Final open flow    Mcf/d Oil: Final open flow    Bbl/d  
 Time of open flow between initial and final tests    hours  
 Static rock pressure    psig (surface measurement) after    hours shut in

04/12/2024



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

RECEIVED

SEP - 7 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5772

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

Company Petroleum Development Corp.

Address \_\_\_\_\_

Farm Raymond McVay

Well No. 986

District Grant County Rit

Drilling commenced 8-29-82

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

| CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS              |
|-------------------|------------------|--------------|----------------------|
| Size              |                  |              |                      |
| 16                |                  |              | Kind of Packer _____ |
| 13                |                  |              |                      |
| 10                |                  |              | Size of _____        |
| 8 1/4             |                  |              |                      |
| 6 3/4             |                  |              | 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 Kirby Eskew / Mason Freeman / Robert Heater

Remarks: Union Drilling Co. Rig # 6 tool Pusher  
Bill Heater

Visit - check location  
237' deep at time of visit

8-30-82

DATE

Samuel H. Freeman 04/12/2024

DISTRICT WELL INSPECTOR







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

INSPECTOR'S WELL REPORT

Permit No. 85-5772

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

Company Petroleum Development Corp

Address \_\_\_\_\_

Farm Raymond McVay

Well No. 3174-2

District Grant County Rit

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

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water 163' Hole Dump at \_\_\_\_\_ feet 856' 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 Kirby Eskew - Mason Freeman - Robert Heater

Union Drilling Inc. Rig # 6 Lead Pusher  
Bill Heater

Remarks: on 8-30-82 Ran 390' foot of 1 3/4 casing  
used 230 sacks cement --- Dowell

RECEIVED

SEP - 7 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

9-1-82  
DATE

Samuel N. Newman 04/12/2024  
DISTRICT WELL INSPECTOR







RECEIVED

STATE OF WEST VIRGINIA

SEP - 8 1982

DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5772

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

Company Petroleum Development Corp  
 Address \_\_\_\_\_  
 Farm Raymond McVay  
 Well No. 3174-2  
 District Grant County Rit  
 Drilling commenced 8-29-82  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

| CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS              |
|-------------------|------------------|--------------|----------------------|
| Size              |                  |              |                      |
| 16                |                  |              | Kind of Packer _____ |
| 13                |                  |              |                      |
| 10                |                  |              | Size of _____        |
| 8 1/4             |                  |              |                      |
| 6 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 Kirby Eskew / Mason Freeman / Robert Heater  
Union Drilling Rig # 6 *tool Pusher*  
*Bill Heater*

Remarks: Visit = 1726' deep.

9-2-82  
DATE

Samuel N. Hersman 04/12/2024  
DISTRICT WELL INSPECTOR







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

RECEIVED

SEP - 9 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5772

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

|   |   |                  |              |                      |
|---|---|------------------|--------------|----------------------|
| Company <u>Petroleum Development Corp</u>               | CASING AND TUBING   | USED IN DRILLING | LEFT IN WELL | PACKERS              |
| Address _____   | Size  |                  |              |                      |
| Farm <u>Raymond McVay</u>                               | 16  |                  |              | Kind of Packer _____ |
| Well No. <u>3174-2</u>                                  | 13  |                  |              |                      |
| District <u>Grant</u> County <u>Rit</u>                 | 10  |                  |              | Size of _____        |
| Drilling commenced <u>8-29-82</u>                       | 8 1/4   |                  |              |                      |
| Drilling completed _____ Total depth _____              | 6%  |                  |              | 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 <u>163</u> 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 Virby Eskew / Mason Freeman / Robert Heater  
Union Drilling Rig # 6 total Pusher  
Bill Heater

Remarks: Visit well 2057 feet deep.

9-7-82  
DATE

Samuel N. Heisman 04/12/2024  
DISTRICT WELL INSPECTOR







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

RECEIVED

JUN - 9 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 85-5772

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

| Company   | CASING AND TUBING   | USED IN DRILLING | LEFT IN WELL | PACKERS              |
|---|---|------------------|--------------|----------------------|
| <u>Petroleum Development Corp</u>                       | Size  |                  |              |                      |
| Address _____   | 16  |                  |              | Kind of Packer _____ |
| Farm <u>Raymond M. Vay</u>                              | 13  |                  |              |                      |
| Well No. <u>3174-2</u>                                  | 10  |                  |              | Size of _____        |
| District <u>Grant</u> County <u>Putnam</u>              | 8 1/4   |                  |              |                      |
| Drilling commenced _____                                | 6 5/8   |                  |              | Depth set _____      |
| Drilling completed _____ Total depth _____              | 5 3/16  |                  |              |                      |
| Date shot _____ Depth of shot _____                     | 3   |                  |              | Perf. top _____      |
| Initial open flow _____ /10ths Water in _____ Inch      | 2   |                  |              | Perf. bottom _____   |
| Open flow after tubing _____ /10ths Merc. in _____ Inch | Liners Used   |                  |              | Perf. top _____      |
| Volume _____ Cu. Ft.                                    |   |                  |              | Perf. bottom _____   |
| Rock pressure _____ lbs. _____ hrs.                     | CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____ |                  |              |                      |
| Oil _____ bbls., 1st 24 hrs.                            | NAME OF SERVICE COMPANY _____                             |                  |              |                      |
| Fresh water _____ feet _____ feet                       | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES           |                  |              |                      |
| Salt water _____ feet _____ feet                        | _____ FEET _____ INCHES _____ FEET _____ INCHES           |                  |              |                      |
|   | _____ FEET _____ INCHES _____ FEET _____ INCHES           |                  |              |                      |

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

Remarks: Final inspection O.K. to Release

6-6-83

DATE

Samuel M. Homan  
04/12/2024  
DISTRICT WELL INSPECTOR









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

WALTER N. MILLER  
DIRECTOR

THEODORE M. STREIT  
ADMINISTRATOR

July 1, 1983

Petroleum Development Corp.  
P. O. Box 26  
Bridgeport, W. Va. 26330

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> |
|----------------------|---|-----------------|
| RIT-5734             | Westvaco/Griffin Production Co., #1815-2  | Grant           |
| RIT-5754             | B. Wright/Griffin Producing Co., #2916-1  | Grant           |
| RIT-5772             | R. McVay/Griffin Producing Co., #3174-2   | Grant           |
| RIT-5848             | R. McVay/Griffin Producing Co., #111218-2 | Grant           |
| RIT-5878             | Allegheny/Griffin Producing Co., #5613-2  | Grant           |

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/

04/12/2024



