



(Revised 3-81)

PROPOSED WORK ORDER

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

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

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Alexander

Estimated depth of completed well 5400 feet. Rotary  / Cable tools  /  
Approximate water strata depths: Fresh, NONE feet; salt, NONE feet.  
Approximate coal seam depths: NONE  
Is coal being mined in this area: Yes  / No  /

CASING AND TUBING PROGRAM

| CASING OR TUBING TYPE | SPECIFICATIONS |       |               |     |      | FOOTAGE INTERVALS |              | CEMENT FILL-UP OR SACKS Cubic ft. | PACKERS       |
|-----------------------|----------------|-------|---------------|-----|------|-------------------|--------------|-----------------------------------|---------------|
|                       | Size           | Grade | Weight per ft | New | Used | For Drill-ling    | Left in Well |                                   |               |
| Conductor             | 11 1/2         |       |               |     |      | 300'              |              | To Surface                        | Kinds         |
| Fresh water           |                |       |               |     |      |                   |              |                                   |               |
| Coal                  |                |       |               |     |      |                   |              |                                   | Sizes         |
| Intermed.             | 8 5/8          |       |               |     |      |                   | 1900'        | CTS                               |               |
| Production            | 4 1/2          |       |               |     |      |                   | 5000'        | 140 Sacks                         | Depths set    |
| Tubing                |                |       |               |     |      |                   |              | or thru                           |               |
| Liners                |                |       |               |     |      |                   |              | salt sand.                        | Perforations: |
|                       |                |       |               |     |      |                   |              |                                   | Top Bottom    |

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

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

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

**ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,**

**ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY**

**APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE**

**IF OPERATIONS HAVE NOT COMMENCED BY 6-25-83**

**BY [Signature]**

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

W A I V E R

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

04/05/2024

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

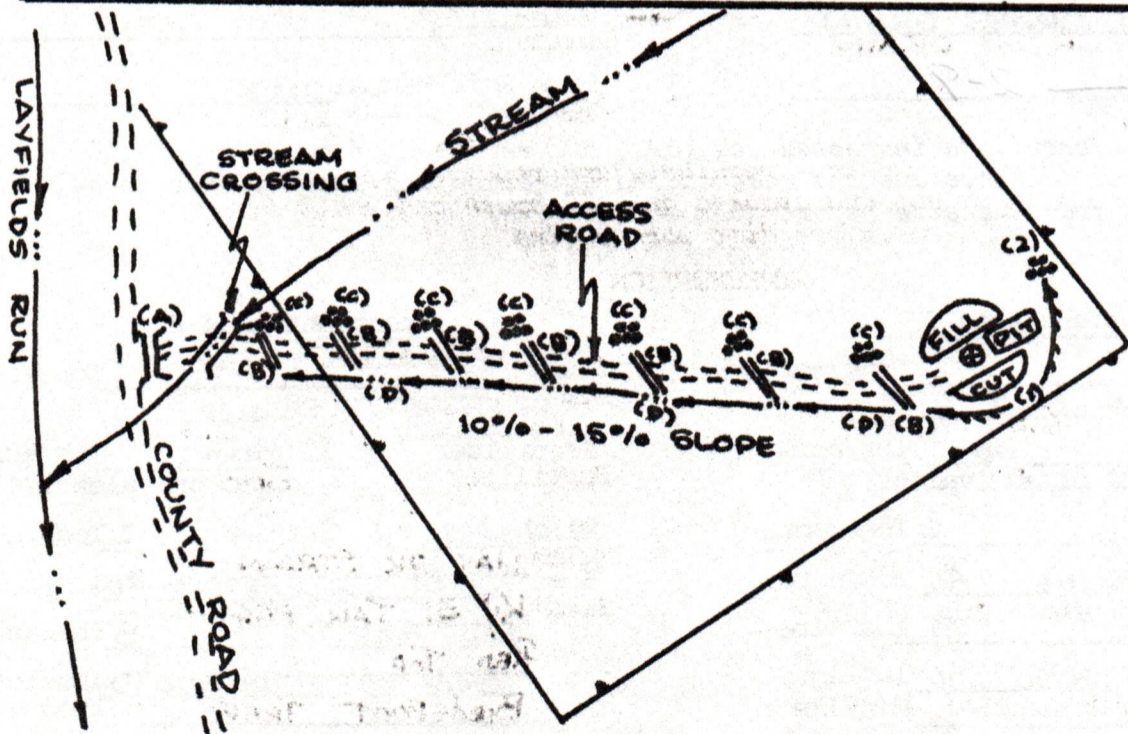
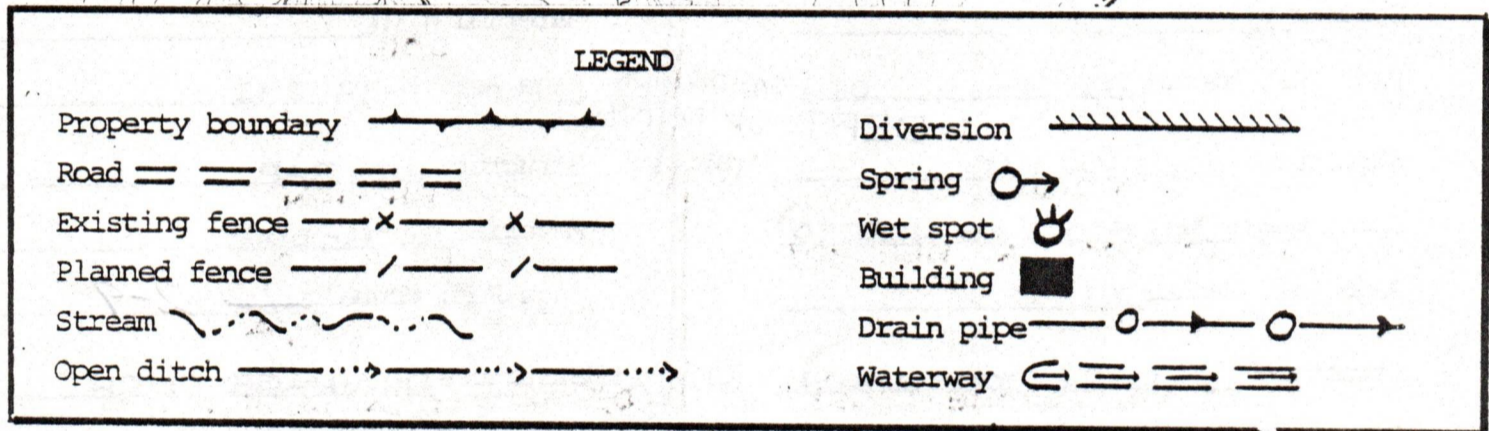
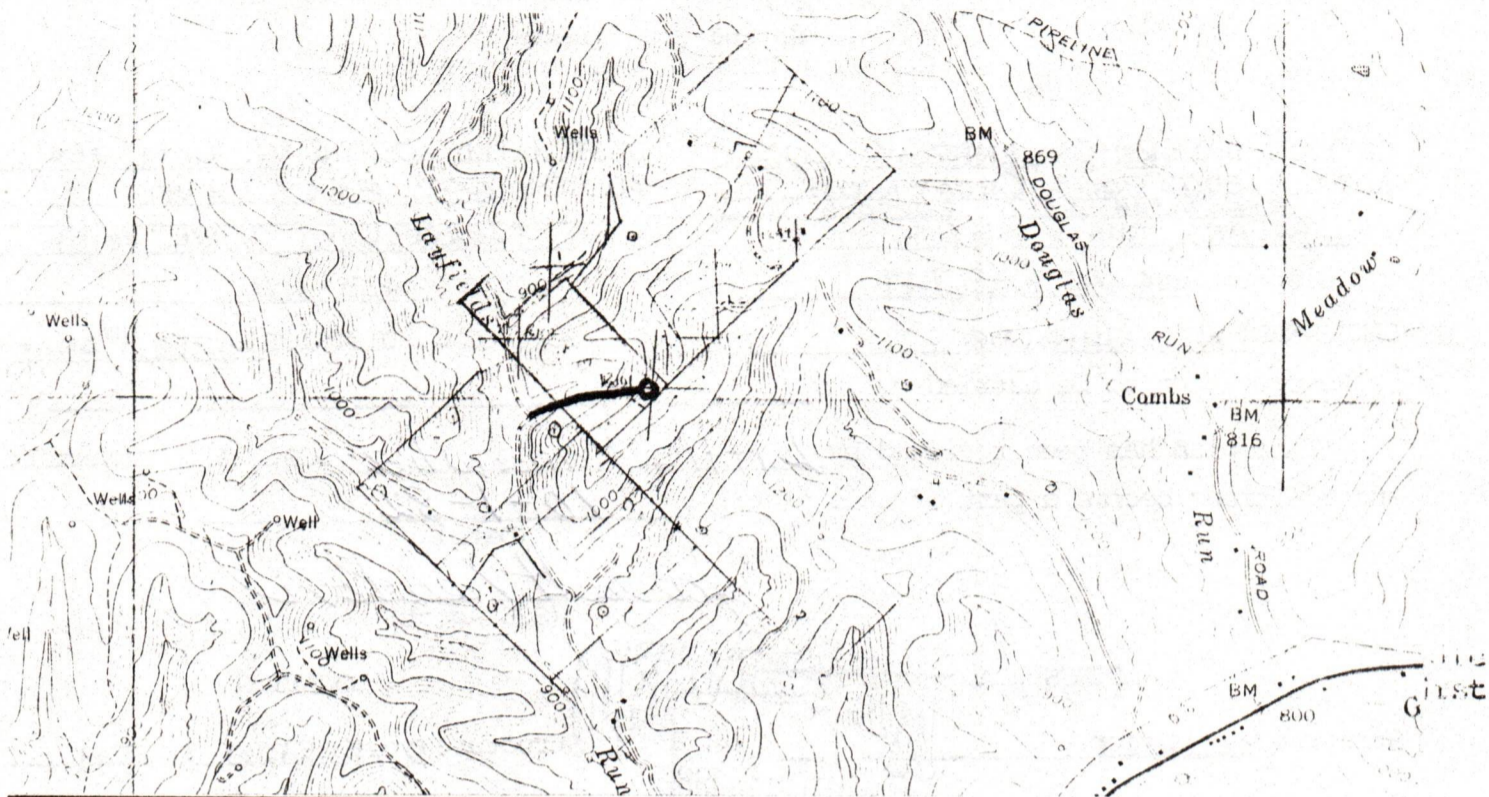
By: \_\_\_\_\_

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

BLANKET BOND

ATTACH OR PHOTOCOPY SECTION OF  
INVOLVED TOPOGRAPHIC MAP.  
QUADRANGLE SCHULTE

LEGEND  
WELL SITE ⊕ ACCESS ROAD —



- Comments:
1. LENGTH OF ACCESS ROAD 1400'. 04/05/2024
  2. BRUSH AND TREES TO BE PILED AT SITE.
  3. \_\_\_\_\_
  4. \_\_\_\_\_
  5. \_\_\_\_\_



IV-9  
(Rev 8-81)

DATE 20 AUGUST 1982

WELL NO. R-101

State of West Virginia API NO. 47 - 085 - 5962

Department of Mines  
Oil and Gas Division  
Construction & Reclamation Plan

COMPANY NAME RICHARD ENERGY INC.  
ADDRESS SUITE 500A CEDARWOOD  
BYCAMORE ST. P.O. BOX 5  
BELPRE, OHIO 45714  
Telephone 614-423-5747

DESIGNATED AGENT C.W. RICHARDS  
ADDRESS 2005 FOLEY DRIVE  
PARKERSBURG, W.VA. 26101  
Telephone 428-3121

LANDOWNER W. D. SHIELDS

SOIL CONS. DISTRICT LITTLE KANAWHA

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

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 10-1-82

Jarrett Newton  
(SCD Agent)

| ACCESS ROAD                               | LOCATION                                |
|---|---|
| Structure <u>CULVERT</u> (A)              | Structure <u>DIVERSION DITCH</u> (1)    |
| Spacing <u>12"</u>                        | Material <u>SOIL</u>                    |
| Page Ref. Manual <u>2:7</u>               | Page Ref. Manual <u>2:12</u>            |
| Structure <u>CROSS DRAIN</u> (B)          | Structure <u>RIP-RAP</u> (2)            |
| Spacing <u>45' TO 400' (AS NEEDED)</u>    | Material <u>ROCK-LOGS</u>               |
| Page Ref. Manual <u>2:1</u>               | Page Ref. Manual <u>N/A 2-9</u>         |
| Structure <u>RIP-RAP (STONE-LOGS)</u> (C) | (D) Structure <u>DRAINAGE DITCH</u> (X) |
| Spacing <u>SAME AS CROSS DRAIN</u>        | Material _____                          |
| Page Ref. Manual <u>N/A 2-9</u>           | Page Ref. Manual <u>2:12</u>            |

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DEPT. OF MINES

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

REVEGETATION

| Treatment Area I   | Treatment Area II  |
|--|--|
| Lime _____ Tons/acre<br>or correct to pH <u>6.5</u>        | Lime _____ Tons/acre<br>or correct to pH <u>6.5</u>        |
| Fertilizer <u>500</u> lbs/acre<br>(10-20-20 or equivalent) | Fertilizer <u>500</u> lbs/acre<br>(10-20-20 or equivalent) |
| Mulch <u>HAY OR STRAW</u> 2 Tons/acre                      | Mulch <u>HAY OR STRAW</u> 2 Tons/acre                      |
| Seed* <u>KY 31 TALL FESCUE</u> 40 lbs/acre                 | Seed* <u>KY 31 TALL FESCUE</u> 40 lbs/acre                 |
| <u>RED TOP</u> 5 lbs/acre                                  | <u>RED TOP</u> 5 lbs/acre                                  |
| <u>BIRDSFOOT TREFOIL</u> 10 lbs/acre                       | <u>BIRDSFOOT TREFOIL</u> 10 lbs/acre                       |

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

04/05/2024

PLAN PREPARED BY WILLIAM R. MOSSOR, L.L.S.

ADDRESS 106 NORTH SPRING STREET

HARRISVILLE, W.VA. 26362

PHONE NO. 304-643-4572

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



DATE: 10-6, 19 82  
OPERATOR'S  
WELL NO.: R-101 + R-102  
API NO: 47 - 085 - 5962  
State County Permit No

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OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

State of West Virginia

OFFICE OF OIL AND GAS  
DEPARTMENT OF MINES

A F F I D A V I T

State of WV

County of Kanawha

I, \_\_\_\_\_ (the designated owner or operator, or authorized representative thereof), after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in the well permit application to which this affidavit is attached do state that (he, she, or it) shall tender to the owner of the oil and gas in place not less than one-eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced, or marketed before deducting the amount to be paid or set aside for the owner of the oil or gas in place, or all such oil or gas to be extracted, produced, or marketed from the well. West Virginia Code 22-4-11(e) (1982).

Signed: Cornie J. Moore / Richards Energy Deal

Taken, Subscribed, and sworn to before me this 6<sup>th</sup> day of Oct, 19 82.

Notary: Louis A. Simpkins

My Commission Expires: March 9, 1992

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OIL & GAS DIVISION  
DEPT. OF MINES

04/05/2024

FORM IV-35  
(REVERSE)

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

1st stage: Shale 4934'-4646', 1,000 Mcf of N<sub>2</sub>

2nd stage: Shale 4562-4466', 930 Mcf of N<sub>2</sub>

3rd stage: Shale 4250-3916', 1,200 Mcf of N<sub>2</sub>

4th Stage: Shale 3884'-3608', 1,000 Mcf of N<sub>2</sub>

WELL LOG

| FORMATION   | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS   |
|-------------|-------|--------------|----------|-------------|---|
|             |       |              |          |             | Including indication of all fresh and salt water, coal, oil and gas |
| RR & Shale  |       |              | 0        | 10          |   |
| Sand        |       |              | 10       | 30          |   |
| RR & Shale  |       |              | 30       | 106         |   |
| Sand        |       |              | 106      | 135         |   |
| RR & Shale  |       |              | 135      | 145         |   |
| Sand        |       |              | 145      | 190         |   |
| Sandy Shale |       |              | 190      | 204         |   |
| Sand        |       |              | 204      | 212         |   |
| Sandy Shale |       |              | 212      | 240         |   |
| Sand        |       |              | 240      | 262         |   |
| Shale       |       |              | 262      | 310         |   |
| Sand        |       |              | 310      | 350         |   |
| RR & Shale  |       |              | 350      | 380         |   |
| Sandy Shale |       |              | 380      | 430         |   |
| RR & Shale  |       |              | 430      | 530         |   |
| Sandy Shale |       |              | 530      | 665         |   |
| RR          |       |              | 665      | 675         |   |
| Shale       |       |              | 675      | 760         |   |
| RR          |       |              | 760      | 770         |   |
| Sandy Shale |       |              | 770      | 785         |   |
| Sh. & RR    |       |              | 785      | 830         |   |
| Sandy Shale |       |              | 830      | 848         |   |
| RR & Shale  |       |              | 848      | 884         |   |
| Sandy Shale |       |              | 884      | 946         |   |
| Coal (?)    |       |              | 946      | 950         |   |
| Sandy Shale |       |              | 950      | 965         |   |
| RR          |       |              | 965      | 980         |   |
| Shale       |       |              | 980      | 990         |   |
| Sandy Shale |       |              | 990      | 1052        |   |
| Shale       |       |              | 1052     | 1062        |   |
| Sandy Shale |       |              | 1062     | 1067        |   |
| Sand        |       |              | 1067     | 1070        |   |
| Sandy Shale |       |              | 1070     | 1156        |   |
| Shale       |       |              | 1156     | 1200        |   |
| Sand        |       |              | 1200     | 1210        |   |
| Shale       |       |              | 1210     | 1219        |   |
| Sand        |       |              | 1219     | 1263        |   |
| Sandy Shale |       |              | 1263     | 1280        |   |
| Sand        |       |              | 1280     | 1341        |   |

(Attach separate sheets as necessary)

RICHARDS ENERGY, INC.

Well Operator

By:

*C. A. Richards* 04/05/2024

Date: 3/28/83

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 all, encountered in the drilling of a well."





IV-35  
(Rev 8-81)

Date \_\_\_\_\_  
Operator's \_\_\_\_\_  
Well No. \_\_\_\_\_  
Farm \_\_\_\_\_  
API No. \_\_\_\_\_

State of West Virginia  
Department of Mines  
Oil and Gas Division

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: \_\_\_\_\_ Watershed \_\_\_\_\_  
District: \_\_\_\_\_ County \_\_\_\_\_ Quadrangle \_\_\_\_\_

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

DESIGNATED AGENT \_\_\_\_\_

ADDRESS \_\_\_\_\_

SURFACE OWNER \_\_\_\_\_

ADDRESS \_\_\_\_\_

MINERAL RIGHTS OWNER \_\_\_\_\_

ADDRESS \_\_\_\_\_

OIL AND GAS INSPECTOR FOR THIS WORK \_\_\_\_\_

ADDRESS \_\_\_\_\_

PERMIT ISSUED \_\_\_\_\_

DRILLING COMMENCED \_\_\_\_\_

DRILLING COMPLETED \_\_\_\_\_

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

| Casing & Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. |
|-----------------|------------------|--------------|------------------------|
| Size            |                  |              |                        |
| 20-16           |                  |              |                        |
| Cond.           |                  |              |                        |
| 13-10"          |                  |              |                        |
| 9 5/8           |                  |              |                        |
| 8 5/8           |                  |              |                        |
| 7               |                  |              |                        |
| 5 1/2           |                  |              |                        |
| 4 1/2           |                  |              |                        |
| 3               |                  |              |                        |
| 2               |                  |              |                        |
| Liners used     |                  |              |                        |

GEOLOGICAL TARGET FORMATION \_\_\_\_\_ Depth \_\_\_\_\_ feet

Depth of completed well \_\_\_\_\_ feet Rotary \_\_\_ / Cable Tools \_\_\_\_\_

Water strata depth: Fresh \_\_\_\_\_ feet; Salt \_\_\_\_\_ feet

Coal seam depths: \_\_\_\_\_ Is coal being mined in the area? \_\_\_\_\_

OPEN FLOW DATA

Producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ feet

Gas: Initial open flow \_\_\_\_\_ 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 \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ 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

(Continue on reverse side)

04/05/2024



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

WELL LOG

| FORMATION                        | COLOR | HARD OR SOFT | TOP FEET    | BOTTOM FEET | REMARKS   |
|----------------------------------|-------|--------------|-------------|-------------|---|
|                                  |       |              |             |             | Including indication of all fresh and salt water, coal, oil and gas |
| Shale                            |       |              | 1341        | 1376        |   |
| Sand                             |       |              | 1376        | 1417        |   |
| Shale                            |       |              | 1417        | 1428        |   |
| Sand                             |       |              | 1428        | 1490        |   |
| Black Shale                      |       |              | 1490        | 1520        |   |
| Sand                             |       |              | 1520        | 1620        |   |
| Shale                            |       |              | 1620        | 1665        |   |
| Sand, Maxton                     |       |              | 1665        | 1745        |   |
| Lime                             |       |              | 1745        | 1785        |   |
| Shale                            |       |              | 1785        | 1805        |   |
| Sand                             |       |              | 1805        | 1835        | Oil odor @ 1825   |
| Limer & Injun                    |       |              | 1835        | 2020        | Gas ck 1845, 62/10-1" Wtr.  |
| Sand and Shale                   |       |              | 2020        | 2321        | Gas ck 1907, no show  |
| Shale                            |       |              | 2321        | 2448        | Gas ck. 2290 15/10 1" Wtr.  |
| Sand                             |       |              | 2418        | 2448        |   |
| Sandy Shale                      |       |              | 2448        | 2617        |   |
| Sand                             |       |              | 2617        | 2623        |   |
| Sandy Shale                      |       |              | 2623        | 4790        | Gas Ck 2706, 8/10 1" wtr.   |
| Light Brown Sand                 |       |              | 4790        | 4800        | Gas Ck. 3120 5/10 wtr in 1"   |
| Sandy Shale                      |       |              | 4800        | 5267        | Gas Ck. 3377 2/10 wtr in 1"   |
| T.D.                             |       |              | 5267        |             | Gas ck. 3505, 2/10 wtr in 1"  |
| FORMATION TOPS FROM ELECTRIC LOG |       |              |             |             | Gas ck. 3794 2/10 wtr in 1"   |
| Second Salt Sand                 |       |              | 1672        |             | Gas ck. 4114 2/10 wtr in 1"   |
| Third Salt Sand                  |       |              | 1797        |             | Gas ck. 4529, 2/10 wtr in 1"  |
| Big Lime                         |       |              | 1853        |             | Gas ck. 5200, 2/10 wtr in 1"  |
| Big Injun                        |       |              | 1928        | 2022        |   |
| Berea                            |       |              | 2413        |             |   |
| Gordon Stray                     |       |              | 2528        |             |   |
| Fifth Sand                       |       |              | 2801        |             |   |
| Riley Stray                      |       |              | 4234        |             |   |
| Benson                           |       |              | 4710        |             |   |
| Alexander                        |       |              | Not present |             |   |

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AUG 29 1983

OIL & GAS DIVISION  
DEPT. OF MINES

Ritchie 5962

(Attach separate sheets as necessary)

RICHARDS ENERGY, INC.

Well Operator

By: C. N. Richards 04/05/2024

Date: 3/28/83

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 coal, encountered in the drilling of a well."

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

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WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5962

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

Company Richards Energy Inc.  
 Address \_\_\_\_\_  
 Farm W. D. Shields  
 Well No. 1068  
 District Grant County Ritchie  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

| CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS              |
|-------------------|------------------|--------------|----------------------|
| Size              |                  |              |                      |
| 16                |                  |              | Kind of Packer _____ |
| 13                |                  |              |                      |
| 10                |                  |              | Size of _____        |
| 8 1/4             |                  |              |                      |
| 6 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 B. R. Reed - G. R. Humphrey - G. W. Tenney  
S. W. Jack Rig 15 - tool Pusher Allen Smith

Remarks: Move on location set up rig  
Pit O.K. all timber properly taken care of.  
Road gravelled at entrance to County Road.

11-2-82  
DATE

Samuel N. Hersman 04/05/2024  
DISTRICT WELL INSPECTOR



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

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OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5962

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

|   |   |                  |              |                      |
|---|---|------------------|--------------|----------------------|
| Company <u>Richards Energy Inc.</u>                     | CASING AND TUBING   | USED IN DRILLING | LEFT IN WELL | PACKERS              |
| Address _____   | Size  |                  |              |                      |
| Farm <u>W. D. Shields</u>                               | 16  |                  |              | Kind of Packer _____ |
| Well No. _____  | 13  |                  |              |                      |
| District <u>Grant</u> County <u>Ritchie</u>             | 10  |                  |              | Size of _____        |
| Drilling commenced <u>11-3-82</u>                       | 8 1/4   |                  |              |                      |
| Drilling completed _____ Total depth _____              | 6 5/8   |                  |              | Depth set _____      |
| Date shot _____ Depth of shot _____                     | 5 3/16  |                  |              |                      |
| Initial open flow _____ /10ths Water in _____ Inch      | 3   |                  |              | Perf. top _____      |
| Open flow after tubing _____ /10ths Merc. in _____ Inch | 2   |                  |              | Perf. bottom _____   |
| Volume _____ Cu. Ft.                                    | Liners Used   |                  |              | Perf. top _____      |
| Rock pressure _____ lbs. _____ hrs.                     |   |                  |              | Perf. bottom _____   |
| Oil _____ bbls., 1st 24 hrs.                            | CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____ |                  |              |                      |
| Fresh water _____ feet _____ feet                       | NAME OF SERVICE COMPANY _____                             |                  |              |                      |
| Salt water _____ feet _____ feet                        | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES           |                  |              |                      |
|   | _____ FEET _____ INCHES _____ FEET _____ INCHES           |                  |              |                      |
|   | _____ FEET _____ INCHES _____ FEET _____ INCHES           |                  |              |                      |

Drillers' Names B. R. Reed - G. R. Humphrey - G. W. Tenney

Remarks: S.W. Jack Rig #15 tool Pusher Allen Smith

Ran 313 feet of 11 3/4 casing - 8 joints total  
Dowell ran 160 sacks cement  
Plug Down at 3:30 A.M.

11-4-82  
DATE

Samuel N. Hersman 04/05/2024  
DISTRICT WELL INSPECTOR

Form 26  
2/16/82

STATE OF WEST VIRGINIA  
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 |
|                             |           |          |                       |        |                   |      |      |
|                             |           |          |                       |        |                   |      |      |
|                             |           |          |                       |        |                   |      |      |
|                             |           |          |                       |        |                   |      |      |
|                             |           |          |                       |        |                   |      |      |
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Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_  
DATE I hereby certify I visited the above well on this date.

04/05/2024  
DISTRICT WELL INSPECTOR

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

RECEIVED

NOV 15 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5962

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

|   |   |                  |              |                      |
|---|---|------------------|--------------|----------------------|
| Company <u>Richards Energy Inc.</u>                     | CASING AND TUBING   | USED IN DRILLING | LEFT IN WELL | PACKERS              |
| Address _____   | Size  |                  |              |                      |
| Farm <u>W. P. Shields</u>                               | 16  |                  |              | Kind of Packer _____ |
| Well No. <u>1068</u>                                    | 13  |                  |              |                      |
| District <u>Grant</u> County <u>Ritchie</u>             | 10  |                  |              | Size of _____        |
| Drilling commenced <u>11-3-82</u>                       | 8 1/4   |                  |              |                      |
| Drilling completed _____ Total depth _____              | 6 5/8   |                  |              | Depth set _____      |
| Date shot _____ Depth of shot _____                     | 5 3/16  |                  |              |                      |
| Initial open flow _____ /10ths Water in _____ Inch      | 3   |                  |              | Perf. top _____      |
| Open flow after tubing _____ /10ths Merc. in _____ Inch | 2   |                  |              | Perf. bottom _____   |
| Volume _____ Cu. Ft.                                    | Liners Used   |                  |              | Perf. top _____      |
| Rock pressure _____ lbs. _____ hrs.                     |   |                  |              | Perf. bottom _____   |
| Oil _____ bbls., 1st 24 hrs.                            | CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____ |                  |              |                      |
| Fresh water _____ feet _____ feet                       | NAME OF SERVICE COMPANY _____                             |                  |              |                      |
| Salt water _____ feet _____ feet                        | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES           |                  |              |                      |
|   | _____ FEET _____ INCHES _____ FEET _____ INCHES           |                  |              |                      |
|   | _____ FEET _____ INCHES _____ FEET _____ INCHES           |                  |              |                      |

Drillers' Names B.R. Reed - H.R. Humphrey - H.W. Tenney

Remarks: S.W. Jack Rig #15 tool Pusher Allen Smith

on 11-6-82 Ran 1837' foot of 8 5/8 casing  
Dowell ran 215 sacks cement  
Plug Down at 2:00 A.M.

4755 foot Deep at time of visit

11-8-82  
DATE

Samuel N. Heroman 04/05/2024  
DISTRICT WELL INSPECTOR

Form 26  
2/16/82

STATE OF WEST VIRGINIA  
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 |  |
|                             |  |           |          |      |  |                       |  |  |                   |  |      |          |      |  |
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Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_  
DATE I hereby certify I visited the above well on this date.

04/05/2024  
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
FINAL INSPECTION REQUEST  
INSPECTOR'S COMPLIANCE REPORT

**RECEIVED**  
DEC 13 1983  
OIL & GAS DIVISION  
**DEPT. OF MINES**

Permit No. 085-5962 County Ritchie  
Company Richards Energy, Inc. District Grant  
Inspector SAMUEL N. HERSMAN Farm W. D. Shields  
Date October 5, 1983 Well No. R-101 Issued 10-25-82

| RULE  | DESCRIPTION                               | IN COMPLIANCE |     |
|-------|---|---------------|-----|
|       |   | Yes           | No  |
| 23.06 | Notification prior to starting work       | ___           | ___ |
| 25.04 | Prepared before drilling to prevent waste | ___           | ___ |
| 25.03 | High-pressure drilling                    | ___           | ___ |
| 16.01 | Required permits at wellsite              | ___           | ___ |
| 5.03  | Adequate fresh water casing               | ___           | ___ |
| 15.02 | Adequate coal casing                      | ___           | ___ |
| 15.01 | Adequate production casing                | ___           | ___ |
| 15.04 | Adequate cement strength                  | ___           | ___ |
| 23.02 | Maintained access roads                   | ___           | ___ |
| 25.01 | Necessary equipment to prevent waste      | ___           | ___ |
| 23.03 | Reclaimed drilling site                   | <u>X</u>      | ___ |
| 23.04 | Reclaimed drilling pits                   | <u>X</u>      | ___ |
| 23.05 | No surface or underground pollution       | ___           | ___ |
| 7.05  | Identification markings                   | <u>X</u>      | ___ |

COMMENTS: OK. To Release.

I have inspected the above well and have found it to be in compliance with the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia, and the well can be released from the permitted work.

SIGNED: W. D. Underwood

DATE: 12-6-83

04/05/2024



RECEIVED

DEPT. OF FINANCE

LAFIELD Run.

04/05/2024



State of West Virginia

Department of Mines  
Oil and Gas Division

Charleston 25305

WALTER N. MILLER  
DIRECTOR

THEODORE M. STREIT  
ADMINISTRATOR

December 27, 1983

Richards Energy Company  
P. O. Box 3  
Belpre, Ohio 45714

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-5121             | J. A. Wilson, #R-21         | Union           |
| RIT-5193             | J. A. Wilson, #R-22         | Union           |
| RIT-5962             | W. D. Shields Heirs, #R-101 | 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  
Dept. Mines-Office of Oil & Gas

TMS/rl

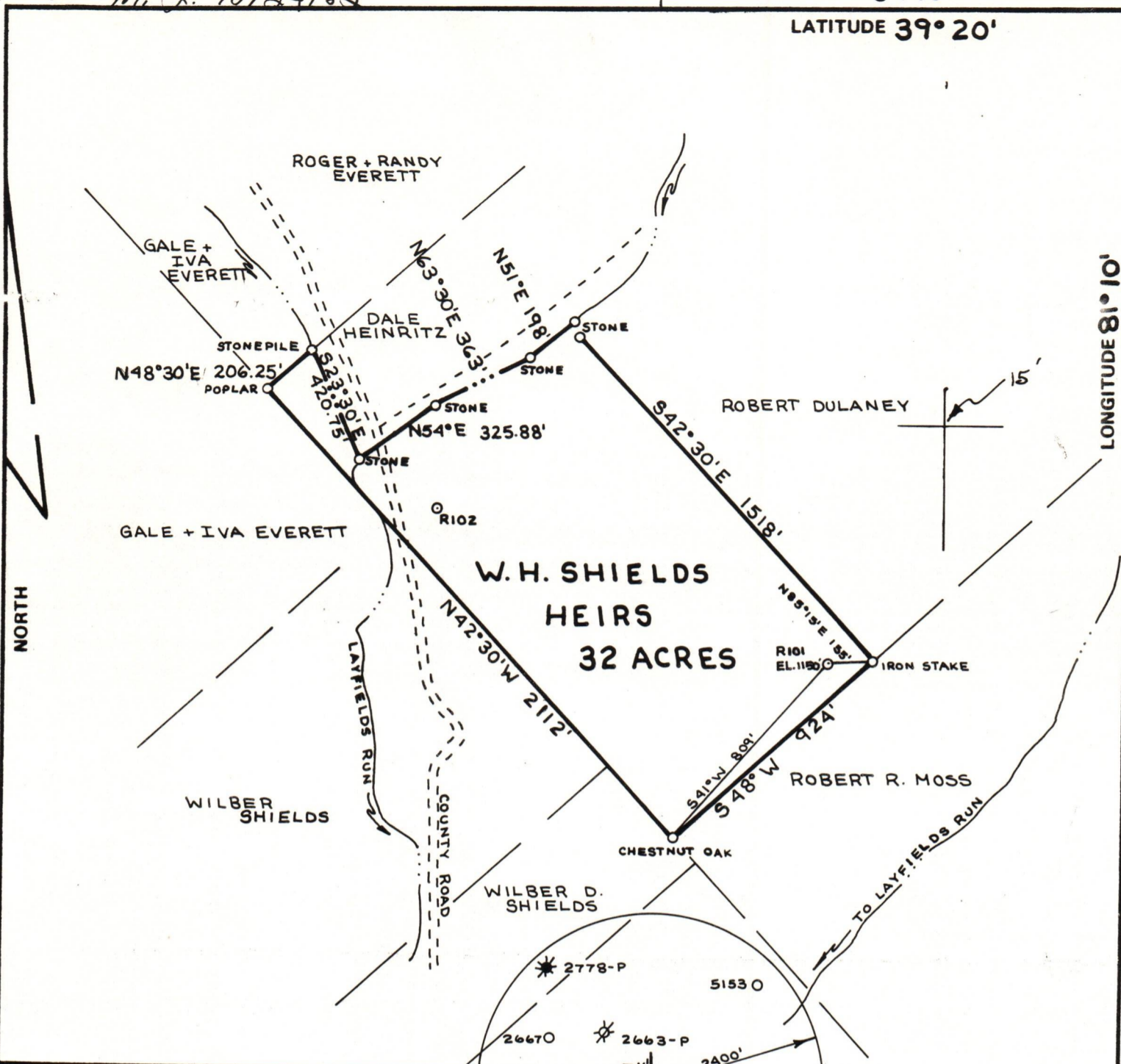
04/05/2024

W.S. 10/24/82

6490'

LATITUDE 39° 20'

LONGITUDE 81° 10'



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE **1" = 500'**  
 MINIMUM DEGREE OF ACCURACY **1:200**  
 PROVEN SOURCE OF ELEVATION **ROAD INT. ELEV. 769'**

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) *William R. Moss*  
 R.P.E. \_\_\_\_\_ L.L.S. **551**



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



DATE **19 AUGUST**, 19 **82**  
 OPERATOR'S WELL NO. **R101**  
 API WELL NO. **47 - 085 - 5962**  
 STATE COUNTY PERMIT

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

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION **1150'** WATER SHED **LAYFIELDS RUN**  
 DISTRICT **GRANT** COUNTY **RITCHIE**  
 QUADRANGLE **SCHULTZ** **7 1/2' QUAD.**  
 SURFACE OWNER **W.D. SHIELDS** ACREAGE **32**  
 OIL & GAS ROYALTY OWNER **W.H. SHIELDS HEIRS** LEASE ACREAGE **32** LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION **ALEXANDER** ESTIMATED DEPTH **5400'**  
 WELL OPERATOR **RICHARDS ENERGY INC** DESIGNATED AGENT **C.W. RICHARDS**  
 ADDRESS **SUITE 500 A CEDARWOOD SYCAMORE ST. P.O. BOX 3** ADDRESS **2005 FOLEY DRIVE PARKERSBURG, W.VA. 26101**  
 STEPHENS BLUEPRINT BELPRE, OHIO 45714

04/05/2024