



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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APR 24 1981

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 April 24, 1981

Surface Owner Allena V. Engel  
Address 119 Park St., Gassaway, WV 26624  
Mineral Owner Joel H. Bender, etal  
Address Chapel Rt., Gassaway, WV 26624  
Coal Owner Allena V. Engel, etal  
Address 119 Park St., Gassaway, WV 26624  
Coal Operator Allena V. Engel, etal  
Address 119 Park St., Gassaway, WV 26624

Company Trio Petroleum Corp.  
Address Rt. 76, Box 35-E, Glenville, WV 2635  
Farm Bender Acres 195  
Location (waters) Straight Run  
Well No. One (1) Elevation 985'  
District Otter County Braxton  
Quadrangle Gassaway 7.5'

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 12-28-81.

INSPECTOR  
TO BE NOTIFIED Robert Bates  
ADDRESS 109 Minnich St., Weston, WV 26452  
PHONE 269-3820

Fred B. Rudolph  
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 May 1, 1978 by Joel H. Bender, etal made to Trio Petroleum Corp. and recorded on the 8th day of May 1978 in Braxton County, Book 354 Page 695  
 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

Address  
of  
Well Operator

Very truly yours,  
(Sign Name) [Signature]  
Well Operator  
Rt. 76, Box 35-E  
Street  
Glenville  
City or Town  
West Virginia  
State

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

BLANKET BOND

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

Signed by [Signature]

47-007- 1661 PERMIT NUMBER

12/08/2023



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

PROPOSED WORK ORDER TO  DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME Union Drilling, Inc. NAME E. A. Broome  
 ADDRESS Buckhannon, WV 26201 ADDRESS Glenville, WV 26351  
 TELEPHONE (304) 472-4610 TELEPHONE (304) 462-7311  
 ESTIMATED DEPTH OF COMPLETED WELL: 2200' ROTARY  CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Injun Sand  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS  COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

| CASING AND TUBING SIZE                     | USED FOR DRILLING | LIFT IN WELL | CEMENT FILL UP OR SACKS - CUBIC FT. |
|--|-------------------|--------------|-------------------------------------|
| 20 - 16                                    |                   |              |                                     |
| 13 - 10                                    |                   |              |                                     |
| 9 - 5/8                                    |                   |              |                                     |
| 8 - 5/8                                    | 400'              | 400'         | 150 Sks.                            |
| 7  |                   |              |                                     |
| 5 1/2                                      |                   |              |                                     |
| 4 1/2                                      |                   | 2100'        | 100 Sks.                            |
| 3  |                   |              | Perf. Top                           |
| <input checked="" type="checkbox"/> 1 1/2" |                   | 2000'        | Perf. Bottom                        |
| Liners                                     |                   |              | Perf. Top                           |
|  |                   |              | Perf. Bottom                        |

APPROXIMATE FRESH WATER DEPTHS 50 FEET SALT WATER N/A FEET  
 APPROXIMATE COAL DEPTHS No coal in area.  
 IS COAL BEING MINED IN THE AREA? No BY WHOM? \_\_\_\_\_

TO DRILL:

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

TO DRILL DEEPER OR REDRILL:

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

TO FRACTURE - STIMULATE:

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

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

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

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

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

12/08/2023

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

For Coal Company

Official Title





IV-9  
(Rev 8-81)

DATE 8-16-84  
WELL NO. Bender #1  
API NO. 47 - 007 - 1661  
For Plugging Permit

RECEIVED  
SEP 17 1984

State of West Virginia  
Department of Mines  
Oil and Gas Division

RECEIVED  
AUG 13 1985

CONSTRUCTION AND RECLAMATION PLAN

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

COMPANY NAME Trio Petroleum Corp.  
Address Rt. 76 Bx 35E Glenville, WV  
Telephone 304-462-7311

DESIGNATED AGENT E. A. Broome  
Address SAME  
Telephone SAME

LANDOWNER Allena U. Engel

SOIL CONS. DISTRICT EIK

Revegetation to be carried out by Bob Radabaugh- Environmental Technician (Agent)

This plan has been reviewed by ELK SCD. All corrections and additions become a part of this plan:

9-14-84  
(Date)

Valerie Soshy  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Waterbar (A)

Structure Pit (1)

Spacing Below Entrance

Material imperious material

Page Ref. Manual 2:4

Page Ref. Manual NA

Structure \_\_\_\_\_ (B)

Structure Sediment Barrier (2)

Spacing \_\_\_\_\_

Material Straw bales

Page Ref. Manual \_\_\_\_\_

Page Ref. Manual 2:16

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 AS PER SOIL TEST Tons/acre  
or correct to pH 6.5

Lime AS PER SOIL TEST Tons/acre  
or correct to pH 6.5

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Mulch Straw (2) Tons/acre

Mulch Straw (2) Tons/acre

Seed\* Orchardgrass or Ky. 31 Fescue 20\*

Seed\* Orchardgrass or Ky. 31 Fescue 20\*

Ladino clover 5# lbs/acre

Ladino clover 5# lbs/acre

12/08/2023

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

PLAN PREPARED BY Bob Radabaugh

ADDRESS Trio Environmental Technician  
Glenville, WV

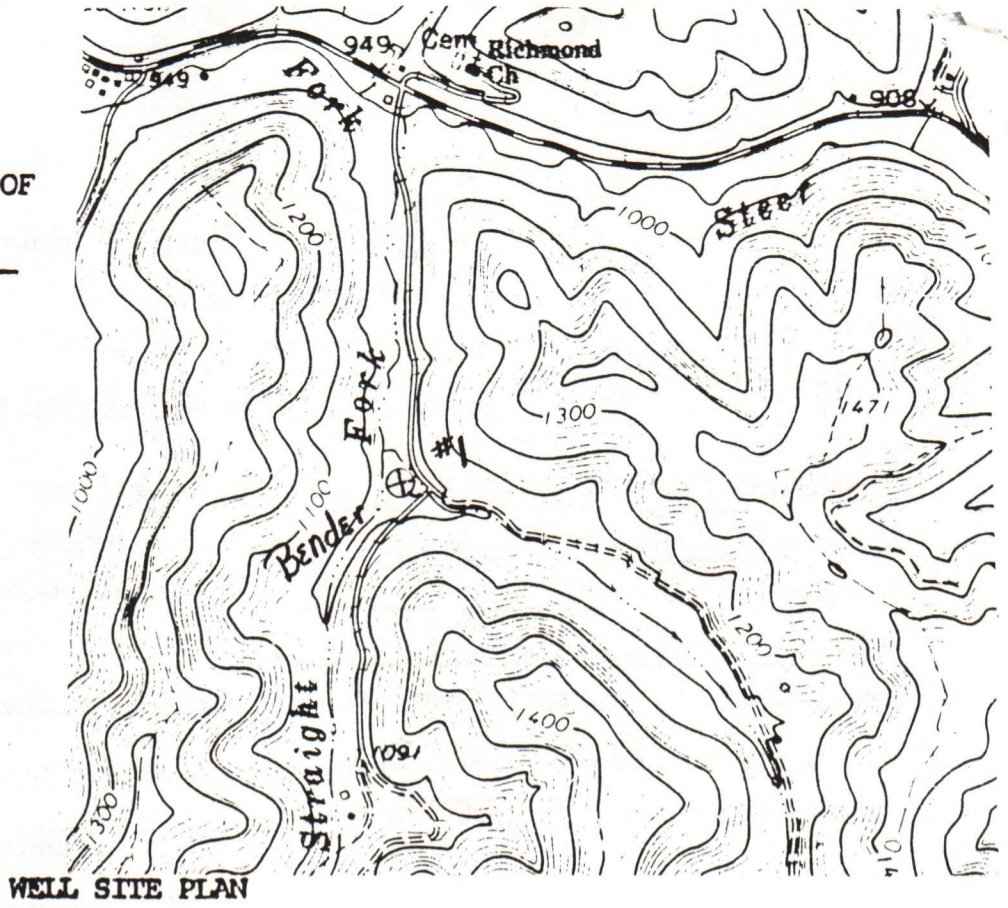
304-462-8911

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

PHONE NO



ATTACH OR PHOTOCOPY SECTION OF  
INVOLVED TOPOGRAPHIC MAP,  
QUADRANGLE Cassaway 15'

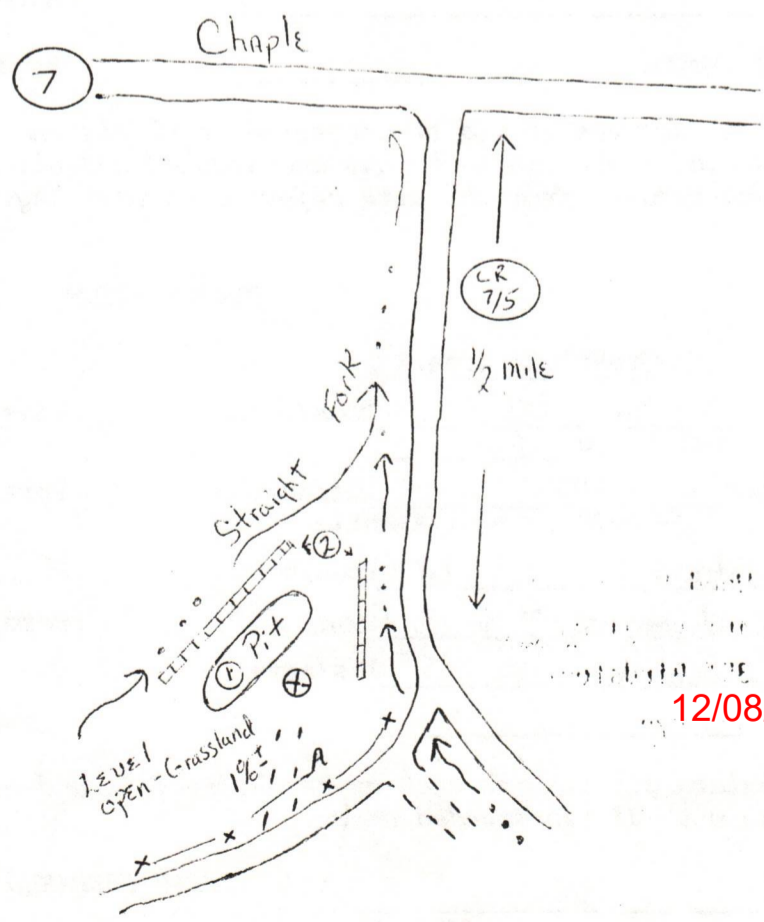


WELL SITE PLAN

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.

LEGEND

- |                   |            |
|-------------------|------------|
| Property boundary | Diversion  |
| Road              | Spring     |
| Existing fence    | Wet spot   |
| Planned fence     | Building   |
| Stream            | Drain pipe |
| Open ditch        | Waterway   |



12/08/2023

BR



COMMENTS

LEASE: Bender #1  
27-007-1661

EXISTING LAND USE: Grassland

- Existing well to be plugged

ACCESS: Existing, 1% ± grade, approximately 200 feet, grass cover  
To be disturbed as little as possible, waterbar to be installed  
below entrance to divert surface water.

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OIL & GAS DIVISION  
DEPT. OF MINES

LOCATION:

Existing, grass cover, to re-disturb as little as possible,  
To construct small pit for use during plugging operation.  
Sediment barriers to be installed as needed to contain any  
sediment due to soil disturbance.

RECLAMATION:

To be done immediately after plugging operation.  
All disturbed area to be re-dressed, contoured, and  
revegetated.

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AUG 13 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

12/08/2023



IV-35  
(Rev 8-81)



State of West Virginia  
Department of Mines  
Oil and Gas Division

Date June 26, 1985  
Operator's  
Well No. 1  
Farm Bender  
API No. 47 - 007 - 1661-1

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

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

LOCATION: Elevation: 985' Watershed Straight Run  
District: Otter County Braxton Quadrangle Gassaway

COMPANY Trio Petroleum Corp.  
ADDRESS Rt. 76, Box 35-E, Glenville, WV 26351  
DESIGNATED AGENT E.A. Broome  
ADDRESS Rt. 76, Box 35-E, Glenville, WV 26351  
SURFACE OWNER Allena V. Engle  
ADDRESS Gassaway, WV 26624  
MINERAL RIGHTS OWNER Joel H. Bender  
ADDRESS Gassaway, WV 26624  
OIL AND GAS INSPECTOR FOR THIS WORK Craig Duckworth  
ADDRESS Gassaway, WV 26624  
PERMIT ISSUED 4/28/81  
DRILLING COMMENCED 4/29/81  
DRILLING COMPLETED 5/01/81  
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            | 436              | 436          | 110 Sx.                |
| 7                |                  |              |                        |
| 5 1/2            |                  |              |                        |
| 4 1/2            |                  | 2017         | 100 Sx.                |
| 3                |                  |              |                        |
| 2                |                  |              |                        |
| Liners used      |                  |              |                        |

GEOLOGICAL TARGET FORMATION Injun Depth 2200 feet  
Depth of completed well 2025 feet Rotary XX / Cable Tools      
Water strata depth: Fresh 50 feet; Salt NR feet  
Coal seam depths: NR Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Injun Pay zone depth 1978 -1997 feet  
Gas: Initial open flow 39 Mcf/d Oil: Initial open flow 0 Bbl/d  
Final open flow 60 Mcf/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests NR hours

Static rock pressure 380 psig (surface measurement) after 72 hours shut in  
(If applicable due to multiple completion--)

12/08/2023

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)



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

5/09/81 Halliburton: 1980.5 - 1983: 30,000# 20/40, 500 GA, 384 BGW

WELL LOG

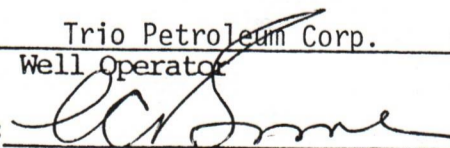
| FORMATION              | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS   |
|------------------------|-------|--------------|----------|-------------|---|
|                        |       |              |          |             | Including indication of all fresh and salt water, coal, oil and gas |
| Red Rock & Shale       |       |              | 0        | 20          |   |
| Sand, Shale & Red Rock |       |              | 20       | 380         |   |
| Sand                   |       |              | 380      | 440         |   |
| Sand & Shale           |       |              | 440      | 790         |   |
| Sand                   |       |              | 790      | 850         |   |
| Sand, Shale & Red Rock |       |              | 850      | 1310        |   |
| Sand                   |       |              | 1310     | 1390        |   |
| Shale & Red Rock       |       |              | 1390     | 1742        |   |
| L. Lime                |       |              | 1742     | 1750        |   |
| Pencil Cave            |       |              | 1750     | 1783        |   |
| B. Lime                |       |              | 1783     | 1864        |   |
| Injun                  |       |              | 1864     | 1990        |   |
| Shale                  |       |              | 1990     | 2025        |   |
| RTD                    |       |              | 2025     |             |   |

(Attach separate sheets as necessary)

Trio Petroleum Corp.

Well Operator

By:



E.A. Broome, President

Date: June 26, 1985

12/08/2023

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

INSPECTOR'S WELL REPORT

Permit No. Brax-1661

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

| Company   | CASING AND TUBING   | USED IN DRILLING | LEFT IN WELL | PACKERS        |
|---|---|------------------|--------------|----------------|
| <u>Trio Petroleum</u>                                   | Size  |                  |              | Kind of Packer |
| Address <u>Glenville, W.V.</u>                          | 16  |                  |              |                |
| Farm <u>(Bender) Engle</u>                              | 13  |                  |              |                |
| Well No. <u>one</u>                                     | 10  |                  |              | Size of        |
| District <u>Otter</u> County <u>Braxton</u>             | 8 1/4   |                  |              |                |
| Drilling commenced <u>4-29-81</u>                       | 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 Johnston, Hull, Reed

Remarks: Union Drilling rig No # 2  
Depth 467' Run 436' - 8 5/8" casing  
Halliburton cemented with 110 sacks  
plug down 12 noon

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MAY - 4 1981

OIL & GAS DIVISION  
DEPT. OF MINES

4-30-81

DATE

Bob [Signature]  
12/08/2023

DISTRICT WELL INSPECTOR







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

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FEB 3 - 1983

OIL AND GAS DIVISION  
WEST VIRGINIA DEPARTMENT OF MINES  
Oil and Gas Well

INSPECTOR'S WELL REPORT

Permit No. Brax-1661

|   |   |                  |              |                |
|---|---|------------------|--------------|----------------|
| Company <u>Trio Petroleum</u>                           | CASING AND TUBING   | USED IN DRILLING | Left in Well | PACKERS        |
| Address <u>Glennville W.V.</u>                          | Size  |                  |              |                |
| Farm <u>Engel</u>                                       | 16  |                  |              | Kind of Packer |
| Well No. <u>one</u>                                     | 13  |                  |              |                |
| District <u>Otter</u> County <u>Brextan</u>             | 10  |                  |              | Size of        |
| Drilling commenced <u>4-29-81</u>                       | 8 1/4   |                  |              |                |
| Drilling completed _____ Total depth _____              | 6 3/4   |                  |              | 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 \_\_\_\_\_

Remarks: Completed Reclaimed Not identified  
Do not release at this time

Feb 1, 1983  
DATE

[Signature] 501  
DISTRICT INSPECTOR  
12/08/2023







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

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INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 007-1661

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

| Company<br><u>TRIO PETROLEUM</u>                        | CASING AND TUBING   | USED IN DRILLING | LEFT IN WELL | PACKERS              |
|---|---|------------------|--------------|----------------------|
|   | Address <u>GLENVILLE, W.V.</u>                            | Size             |              |                      |
| Farm <u>HENRY BENDER (MINERAL OWNER)</u>                | 16  |                  |              | Kind of Packer _____ |
| Well No. <u>BENDER # 1</u>                              | 13  |                  |              |                      |
| District <u>OTTER</u> County <u>BRAXTON</u>             | 10  |                  |              | Size of _____        |
| Drilling commenced _____                                | 8 1/4   |                  |              |                      |
| Drilling completed _____ Total depth _____              | 6 3/4   |                  |              | 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 \_\_\_\_\_

Remarks: MINERAL OWNER ~~WELL~~ WANTS WELL PLUGGED IMMEDIATELY  
TRIO IS GOING TO PLUG WELL WHEN WEATHER DRIES UP & WHEN  
THEY GET PLUGGING PERMIT. LO. HAS NOT APPLIED FOR IT  
WELL IS NOT PRODUCING

3/14/84  
DATE

Craig Luckworth  
DISTRICT INSPECTOR  
12/08/2023









1) Date: 9/20, 1984  
 2) Operator's Well No. Bender #1  
 3) API Well No. 47 - 007 - 1661 P  
 State County Permit

RECEIVED  
AUG 13 1985

STATE OF WEST VIRGINIA  
 OFFICE OF OIL AND GAS, DEPARTMENT OF MINES  
 DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY  
**APPLICATION FOR A PERMIT TO PLUG AND ABANDON A WELL**

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas XX / Liquid injection \_\_\_\_\_ / Waste disposal \_\_\_\_\_  
 B (If "Gas", Production XX / Underground storage) \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow XX / )
- 5) LOCATION: Elevation: 985' Watershed: Straight Run  
 District: Otter County: Braxton Quadrangle: Gassaway 360
- 6) WELL OPERATOR Trio Petroleum Corp. 7) DESIGNATED AGENT E.A. Broome  
 Address Rt. 76, Box 35-E Address Rt. 76, Box 35-E  
Glenville, WV 26351 50050 Glenville, WV 26351
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) PLUGGING CONTRACTOR  
 Name Craig Duckworth Name I.L. Morris  
 Address Box 107, Davisson Rt. Address 1297 N. Lewis St.  
Gassaway, WV 26624 Glenville, WV 26351

10) WORK ORDER: The work order for the manner of plugging this well is as follows:

|               |             |
|---------------|-------------|
| Cement        | 1980 - 1880 |
| Ge1           | 1880 - 1500 |
| Cut 4½ @ 1500 |             |
| Cement        | 1500 - 1400 |
| Ge1           | 1400 - 536  |
| Cement        | 536 - 436   |
| Ge1           | 436 - 50    |
| Cement        | 50 - 0      |

RECEIVED  
SEP 28 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

OFFICE USE ONLY

**PLUGGING PERMIT**

Permit number 47-007-1661-P Date September 17 19 85

This permit covering the well operator and well location shown below is evidence of permission granted to plug in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector 24 hours before actual permitted work has commenced.**

The permitted work is as described in the Notice and Application, plat, subject to any modifications and conditions on the reverse hereof.

Permit expires September 17, 1987 unless plugging is commenced prior to that date and prosecuted with due diligence.

|                     |                     |                    |                     |                  |
|---------------------|---------------------|--------------------|---------------------|------------------|
| Bond:<br><u>159</u> | Agent:<br><u>MH</u> | Plat:<br><u>MH</u> | Casing<br><u>MH</u> | Fee<br><u>NF</u> |
|---------------------|---------------------|--------------------|---------------------|------------------|

James W. Teshabach  
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the plugging location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File

12/08/2023



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED PLUGGING

DEPARTMENT OF ENVIRONMENT FOR A PERMIT TO PLUG AND ABANDON A WELL  
DIVISION OF OIL AND GAS

1) WELL TYPE: A OR B  
 2) LOCATION: District: Occer, Location: Occer, Production: B Oil Gas, Production: B Oil Gas  
 3) WILL OPERATE FOR: Trio Petroleum Corp., Address: P.O. Box 35-5, Jewett, WY 82431  
 4) PLUGGING CONTRACTOR: I.L. Morris, Address: 127 N. Lewis St., Jewett, WY 82431

WORK ORDER: The work order for the manner of plugging this well is as follows:

- Comment: 1380 - 1380
- Comment: 1880 - 1300
- Comment: 1300 - 1400
- Comment: 1400 - 538

RECEIVED  
DEPT. OF MINES  
OIL & GAS DIVISION

OFFICE USE ONLY

This part of Form IV-4(b) is to record the dates of certain occurrences and any follow-up inspections.

| Date                 | Date(s)                 |
|----------------------|-------------------------|
| Application received | Follow-up inspection(s) |
| Plugging started     | " "                     |
| Plugging completed   | " "                     |
| Well Record received | " "                     |

OTHER INSPECTIONS

Reason: \_\_\_\_\_  
 Reason: \_\_\_\_\_

Signature: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Date: \_\_\_\_\_

|       |        |       |         |       |
|-------|--------|-------|---------|-------|
| Bond: | Agent: | Plan: | Casing: | File: |
| 150   | MHA    | MHA   | MHA     | MHA   |



[8-83]

RECEIVED  
AUG 13 1985



1) Date: 9/20 19 84  
2) Operator's Well No. Bender #1  
3) API Well No. 47-007-1661-P  
State County Permit

STATE OF WEST VIRGINIA  
DIVISION OF OIL & GAS OFFICE OF OIL AND GAS, DEPARTMENT OF MINES  
DEPARTMENT OF ENERGY NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

5 (i) COAL OPERATOR None

Address \_\_\_\_\_

(i) Name Allena V. Engle  
Address 119 Park St.  
Gassaway, WV 26624

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:

Name None  
Address \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:  
Name None  
Address \_\_\_\_\_

(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
P 747 145 967

(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982  
\* U.S.G.P.O. 1983-403-517

|   |                            |
|---|----------------------------|
| Sent to   | <u>Allena V. Engle</u>     |
| Street and No.  | <u>119 Park St.</u>        |
| P.O., State and ZIP Code                                      | <u>Gassaway, WV 26624</u>  |
| Postage   | \$ <u>.37</u>              |
| Certified Fee   | <u>.75</u>                 |
| Special Delivery Fee  |                            |
| Restricted Delivery Fee                                       |                            |
| Return Receipt Showing to whom and Date Delivered             | <u>.60</u>                 |
| Return receipt showing to whom, Date, and Address of Delivery |                            |
| TOTAL Postage and Fees  | \$ <u>1.72</u>             |
| Postmark Date   | <u>SEP 25 1984</u><br>USPO |

TO THE PERSON(S) NAMED

- (1) The Application work, and description
- (2) The plat (survey)

THE REASON YOU REC IN THE "INSTRUCTIONS" O EVER, YOU ARE NOT REQUI

Take notice that u has filed this Notice a Administrator of the Of location described on t Application, and the pl named above (or by publ Administrator.

The truth of the i and Application is the Notice is signed on behalf of the well Operator in my County and State by

E.A. Broome

this 20<sup>th</sup> day of September, 19 84.  
My commission expires 3/6, 19 94.

Yvonne L. Morrison  
Notary Public, Silvers County,  
State of West Virginia

Bender #1 - Application to Plug & Abandon

and the following documents:

(B), which sets out the parties involved in the logging work order; and Form IV-6.

ITS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IICATION (FORM IV-4(B)) DESIGNATED FOR YOU. HOW-

the undersigned well operator proposes to file or for a Permit to plug and abandon a well with the ent of Mines, with respect to the well at the : attached Form IV-6. Copies of this Notice, the ided mail or delivered by hand to the person(s) fore the day of mailing or delivery to the

WELL OPERATOR Trio Petroleum Corp.

By E.A. Broome  
Its President

Address Rt. 76, Box 35-E  
Glenville, WV 26351

Telephone (304) 462-7311



I N S T R U C T I O N S   T O   A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1m(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and two copies of the Application must be filed with the Administrator, accompanied by (i) an original and four copies of the Notice, (ii) an original and four copies of a plat in the form prescribed by Regulation 11, and (iii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-9.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code §§ 22-4-1m and 22-4-9.



RECEIVED  
DEC 18 1985

FORM IV-38  
[08-78]

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date: 12-2, 1985

Operator's Well No. Bender #1

API Well No. 47-007-1661  
State County Permi

STATE OF WEST VIRGINIA  
Dept. of Energy, OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

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

LOCATION: Elevation: 985' Watershed: Straight Run  
District: Otter County: Braxton Quadrangle: Gassaway 15'

WELL OPERATOR Trio Petroleum Corp.  
Address Rt. 76 Bx 35-E  
Glenville, WV 26351

DESIGNATED AGENT E.A. Broome  
Address SAME

STATE OF WEST VIRGINIA, )  
COUNTY OF Gilmer ) SS:

Carl Smithson

and Bob Radabaugh

being first duly sworn according to law, depose and say that they are experienced in the work of plugging and filling oil and gas wells; that they were employed by Trio Petroleum Corp. the well operator, and participated in the work of plugging and filling the above well; that the work was commenced on November 27, 1985, and completed on November 27, 1985, in the following manner:

PERMITTED WORK: Plug and abandon xx / Clean out and replug \_\_\_ /

PLUGGING MATERIALS

| Type of Cement | Other Materials | Depth           | Thickness |
|----------------|-----------------|-----------------|-----------|
| Common         |                 | <del>1880</del> | 100'      |
|                | Gel             | <del>1880</del> | 380'      |
| Common         |                 | <del>1500</del> | 100'      |
|                | Gel             | <del>1400</del> | 864'      |
| Common         |                 | <del>536</del>  | 100'      |
|                | Gel             | <del>436</del>  | 386'      |

Bridge Plugs Used--Type and Depth NA  
Common 50 50'

VENT PIPE NA

MISCELLANEOUS MATERIALS NA

CASING LOST 482' / 4 1/2" - 400' / 85/8"

TYPE OF RIG:

Owner: Well Op'r \_\_\_ / Contractor xx

Rig time: 1 days plus \_\_\_ hours

COAL SEAMS (NAMES AND DEPTHS)

NA

DESCRIPTION OF WELL MONUMENT

6"x20" pipe, 30" above GN  
Steel Plate on side, painted Blue  
Inscribed "47-007-1661"  
"11-27-85"

Carl Smithson (SEAL)

Bob Radabaugh (SEAL)

12/08/2023

Subscribed and sworn to before me this

16th day of December, 19 85.

My commission expires March 6, 19 94.

Glen G. Morrison  
Notary Public



DEPARTMENT OF MINES

12/08/2023



INSPECTOR'S PERMIT SUMMARY FORM

9-17-85

WELL TYPE \_\_\_\_\_  
ELEVATION 985  
DISTRICT OTTER  
QUADRANGLE GASSAWAY  
COUNTY BRAXTON

API# 47-007-1661-P  
OPERATOR TRIO PETROLEUM CORP.  
TELEPHONE \_\_\_\_\_  
FARM ALLENA ENGLE  
WELL # BENDER #1

SURFACE OWNER \_\_\_\_\_ COMMENTS \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
TARGET FORMATION \_\_\_\_\_ DATE APPLICATION RECEIVED \_\_\_\_\_  
DATE STARTED \_\_\_\_\_  
LOCATION \_\_\_\_\_ NOTIFIED \_\_\_\_\_ DRILLING COMMENCED \_\_\_\_\_

WATER DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
COAL DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

CASING

Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up

TD \_\_\_\_\_ feet on \_\_\_\_\_

PLUGGING

APR 15 1986

| Type   | From | To   | Pipe Removed |
|--------|------|------|--------------|
| CEMENT | 1980 | 1880 |              |
| CEMENT | 1500 | 1400 |              |
| CEMENT | 536  | 436  |              |
| CEMENT | 50   | 0    |              |
|        |      |      |              |
|        |      |      |              |

Pit Discharge date: \_\_\_\_\_ Type \_\_\_\_\_

Field analysis ph \_\_\_\_\_ fe \_\_\_\_\_ cl \_\_\_\_\_

Well Record received \_\_\_\_\_

Date Released 4/9/86

Craig Duckworth 12/08/2023  
Inspector's signature



API# 47 \_\_\_\_\_ - \_\_\_\_\_

LIST ALL VISITS FOR THIS PERMIT

|    | DATE | TIME | PURPOSE | COMMENTS |
|----|------|------|---------|----------|
| 1  |      |      |         |          |
| 2  |      |      |         |          |
| 3  |      |      |         |          |
| 4  |      |      |         |          |
| 5  |      |      |         |          |
| 6  |      |      |         |          |
| 7  |      |      |         |          |
| 8  |      |      |         |          |
| 9  |      |      |         |          |
| 10 |      |      |         |          |
| 11 |      |      |         |          |
| 12 |      |      |         |          |
| 13 |      |      |         |          |
| 14 |      |      |         |          |
| 15 |      |      |         |          |
| 16 |      |      |         |          |
| 17 |      |      |         |          |
| 18 |      |      |         |          |
| 19 |      |      |         |          |
| 20 |      |      |         |          |

Notes





STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 DIVISION OF OIL AND GAS  
 1615 Washington Street, East  
 Charleston, West Virginia 25311  
 Telephone: 348-3500

John Johnston  
 Director

ARCH A. MOORE, JR.  
 Governor

April 21, 1986

Trio Petroleum Corporation  
 Route 76, Box 35-E  
 Glenville, West Virginia 26351

In Re: Permit No: 47-007-1661-P  
 Farm: Allenda Engle  
 Well NO: Bender #1  
 District: Otter  
 County: Braxton  
 Issued: 9-17-85

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. ONLY the Column checked below applies:

XXXX The well designated by the above captioned permit number has been released under your Blanket Bond.

\_\_\_\_\_ Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that executed said bond in your behalf, in order that they may give you credit on their records.

\_\_\_\_\_ Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under bond coverage for life of the well.

Respectively,

Theodore M. Streit  
 Deputy Director--Inspection & Enforcement

TMS/nw

12/08/2023



# HALLIBURTON SERVICES JOB SUMMARY

FORM 2012 R-2

HALLIBURTON DIVISION Littleburg  
HALLIBURTON LOCATION Weston

BILLED ON TICKET NO. 993520

## WELL DATA

FIELD Straight Run SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY Braxton STATE WV

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

COMPLETION DATE: \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH 466

|              | NEW USED   | WEIGHT     | SIZE         | FROM      | TO         | MAXIMUM PSI ALLOWABLE |
|--------------|------------|------------|--------------|-----------|------------|-----------------------|
| CASING       | <u>NEW</u> | <u>20#</u> | <u>8 7/8</u> | <u>KB</u> | <u>451</u> | <u>250</u>            |
| LINER        |            |            |              |           |            |                       |
| TUBING       |            |            |              |           |            |                       |
| OPEN HOLE    |            |            | <u>11</u>    | <u>CL</u> | <u>466</u> | SHOTS/FT.             |
| PERFORATIONS |            |            |              |           |            |                       |
| PERFORATIONS |            |            |              |           |            |                       |
| PERFORATIONS |            |            |              |           |            |                       |

## JOB DATA

| CALLED OUT       | ON LOCATION       | JOB STARTED       | JOB COMPLETED     |
|------------------|-------------------|-------------------|-------------------|
| DATE <u>4-30</u> | DATE <u>4-30</u>  | DATE <u>4-30</u>  | DATE <u>4-30</u>  |
| TIME <u>6:05</u> | TIME <u>10:00</u> | TIME <u>12:00</u> | TIME <u>12:12</u> |

## PERSONNEL AND SERVICE UNITS

| NAME              | UNIT NO. & TYPE | LOCATION      |
|-------------------|-----------------|---------------|
| <u>P. Holster</u> | <u>25780</u>    | <u>Weston</u> |
| <u>C. Donahy</u>  | <u>PU</u>       | <u>"</u>      |
| <u>T. Elliot</u>  | <u>0610</u>     | <u>"</u>      |
|                   | <u>400 C</u>    |               |
| <u>R. Ward</u>    | <u>3265</u>     | <u>"</u>      |
|                   | <u>TD</u>       |               |

## TOOLS AND ACCESSORIES

| TYPE AND SIZE                    | QTY.     | MAKE         |
|----------------------------------|----------|--------------|
| FLOAT COLLAR                     |          |              |
| FLOAT SHOE                       |          |              |
| GUIDE SHOE <u>8 7/8</u>          | <u>1</u> | <u>Howco</u> |
| CENTRALIZERS <u>8 7/8 Reg</u>    | <u>1</u> | <u>Howco</u> |
| BOTTOM PLUG                      |          |              |
| TOP PLUG <u>5W</u>               | <u>1</u> | <u>Howco</u> |
| HEAD                             |          |              |
| PACKER                           |          |              |
| OTHER <u>Cement Bucket 8 7/8</u> | <u>1</u> | <u>Howco</u> |

## MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB. \_\_\_\_\_

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB. \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER 3 SKS Howco 13.5

OTHER \_\_\_\_\_

DEPARTMENT Cement

DESCRIPTION OF JOB Cement 8 7/8 casing

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE X Gary Powell

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

| STAGE    | NUMBER OF SACKS | TYPE       | API CLASS | BRAND        | BULK SACKED | ADDITIVES                | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|----------|-----------------|------------|-----------|--------------|-------------|--------------------------|------------------|-----------------|
| <u>1</u> | <u>11</u>       | <u>STD</u> | <u>A</u>  | <u>Howco</u> | <u>B</u>    | <u>3% CaCl, K# Flocc</u> | <u>1.18</u>      | <u>15.6</u>     |

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

CIRCULATING 200 DISPLACEMENT 250 PRESLUSH: BBL.-GAL. 15110 TYPE 3060L 310

BREAKDOWN \_\_\_\_\_ MAXIMUM 250 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 29

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 23

TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

## HYDRAULIC HORSEPOWER

## REMARKS

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET 10 REASON MIST REQ

\_\_\_\_\_

\_\_\_\_\_

12/08/2023

CUSTOMER

CUSTOMER: Trio Petroleum  
LEASE: Bender  
WELL NO.: \_\_\_\_\_  
JOB TYPE: cut 8 7/8 casing  
DATE: 4-30-21



# HALLIBURTON SERVICES JOB SUMMARY

FORM 2012 R-2

HALLIBURTON DIVISION

11775 burg

HALLIBURTON LOCATION

Weston

BILLED ON TICKET NO.

993520

## WELL DATA

FIELD Straight Run SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY Braxton STATE WV

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD.GAS \_\_\_\_\_ MCFD \_\_\_\_\_

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD.GAS \_\_\_\_\_ MCFD \_\_\_\_\_

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH 466

|              | NEW USED   | WEIGHT     | SIZE         | FROM      | TO         | MAXIMUM PSI ALLOWABLE |
|--------------|------------|------------|--------------|-----------|------------|-----------------------|
| CASING       | <u>NEW</u> | <u>20#</u> | <u>8 7/8</u> | <u>KB</u> | <u>451</u> | <u>250</u>            |
| LINER        |            |            |              |           |            |                       |
| TUBING       |            |            |              |           |            |                       |
| OPEN HOLE    |            |            | <u>11</u>    | <u>CL</u> | <u>466</u> | SHOTS/FT.             |
| PERFORATIONS |            |            |              |           |            |                       |
| PERFORATIONS |            |            |              |           |            |                       |
| PERFORATIONS |            |            |              |           |            |                       |

## JOB DATA

| CALLER OUT       | ON LOCATION       | JOB STARTED       | JOB COMPLETED     |
|------------------|-------------------|-------------------|-------------------|
| DATE <u>4-30</u> | DATE <u>4-30</u>  | DATE <u>4-30</u>  | DATE <u>4-30</u>  |
| TIME <u>6:05</u> | TIME <u>10:00</u> | TIME <u>12:00</u> | TIME <u>12:12</u> |

## PERSONNEL AND SERVICE UNITS

| NAME              | UNIT NO. & TYPE | LOCATION      |
|-------------------|-----------------|---------------|
| <u>P. Holston</u> | <u>25780</u>    | <u>Weston</u> |
| <u>C. Donahy</u>  | <u>PU</u>       | <u>"</u>      |
| <u>T. Elliot</u>  | <u>0610</u>     | <u>"</u>      |
|                   | <u>400 C</u>    | <u>"</u>      |
| <u>R. Ward</u>    | <u>3265</u>     | <u>"</u>      |
|                   | <u>TD</u>       | <u>"</u>      |

## TOOLS AND ACCESSORIES

| TYPE AND SIZE                    | QTY.     | MAKE         |
|----------------------------------|----------|--------------|
| FLOAT COLLAR                     |          |              |
| FLOAT SHOE                       |          |              |
| GUIDE SHOE <u>8 7/8</u>          | <u>1</u> | <u>Howco</u> |
| CENTRALIZERS <u>8 7/8 Reg</u>    | <u>1</u> | <u>Howco</u> |
| BOTTOM PLUG                      |          |              |
| TOP PLUG <u>5W</u>               | <u>1</u> | <u>Howco</u> |
| HEAD                             |          |              |
| PACKER                           |          |              |
| OTHER <u>Cement Bucket 8 7/8</u> | <u>1</u> | <u>Howco</u> |

## MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB. \_\_\_\_\_

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB. \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER 3 SKS Howco 13-52

OTHER \_\_\_\_\_

DEPARTMENT Cement

DESCRIPTION OF JOB Cement 8 7/8 casing

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE X Gary Dowell

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

| STAGE    | NUMBER OF SACKS | TYPE       | API CLASS | BRAND        | BULK SACKED | ADDITIVES                  | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|----------|-----------------|------------|-----------|--------------|-------------|----------------------------|------------------|-----------------|
| <u>1</u> | <u>11</u>       | <u>STD</u> | <u>A</u>  | <u>Howco</u> | <u>B</u>    | <u>3% CaCl, 1/2# Flocc</u> | <u>1.18</u>      | <u>15.6</u>     |

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

CIRCULATING 200 DISPLACEMENT 250 PRESUSH: BBL.-GAL. 15110 TYPE 3060L 3/8

BREAKDOWN \_\_\_\_\_ MAXIMUM 250 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 29

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 23

TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

## HYDRAULIC HORSEPOWER

## REMARKS

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET 10 REASON 115T 100

12/08/2023

CUSTOMER

CUSTOMER: Ino Petroleum  
LEASE: Bender  
WELL NO.:  
JOB TYPE: Cut 8 7/8 Casing  
DATE: 4-30-21



# HALLIBURTON SERVICES JOB SUMMARY

HALLIBURTON DIVISION

LITTLEBURG

HALLIBURTON LOCATION

Weston

BILLED ON TICKET NO.

993520

## WELL DATA

FIELD Straight Run SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RING. \_\_\_\_\_ COUNTY Braxton STATE WV

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH 466

## JOB DATA

| CALLED OUT       | ON LOCATION       | JOB STARTED       | JOB COMPLETED     |
|------------------|-------------------|-------------------|-------------------|
| DATE <u>4-30</u> | DATE <u>4-30</u>  | DATE <u>4-30</u>  | DATE <u>4-30</u>  |
| TIME <u>6:05</u> | TIME <u>10:00</u> | TIME <u>12:00</u> | TIME <u>12:12</u> |

## TOOLS AND ACCESSORIES

| TYPE AND SIZE                    | QTY.     | MAKE         |
|----------------------------------|----------|--------------|
| FLOAT COLLAR                     |          |              |
| FLOAT SHOE                       |          |              |
| GUIDE SHOE <u>8 5/8</u>          | <u>1</u> | <u>Howco</u> |
| CENTRALIZERS <u>8 7/8 Reg</u>    | <u>1</u> | <u>Howco</u> |
| BOTTOM PLUG                      |          |              |
| TOP PLUG <u>5W</u>               | <u>1</u> | <u>Howco</u> |
| HEAD                             |          |              |
| PACKER                           |          |              |
| OTHER <u>Cement Bucket 8 5/8</u> | <u>1</u> | <u>Howco</u> |

## PERSONNEL AND SERVICE UNITS

| NAME              | UNIT NO. & TYPE | LOCATION      |
|-------------------|-----------------|---------------|
| <u>P. Holston</u> | <u>25780</u>    | <u>Weston</u> |
| <u>C. Donahy</u>  | <u>PU</u>       | <u>"</u>      |
| <u>T. Elliot</u>  | <u>0610</u>     | <u>"</u>      |
|                   | <u>400C</u>     | <u>"</u>      |
| <u>R. Ward</u>    | <u>3265</u>     | <u>"</u>      |
|                   | <u>TD</u>       | <u>"</u>      |

## MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB. \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER 3 SKS Howco 16 1/2

DEPARTMENT Cement

DESCRIPTION OF JOB Cement 8 5/8 casing

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE X Gary Powell

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

| STAGE    | NUMBER OF SACKS | TYPE       | API CLASS | BRAND        | BULK SACKED | ADDITIVES                                 | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|----------|-----------------|------------|-----------|--------------|-------------|---|------------------|-----------------|
| <u>1</u> | <u>11</u>       | <u>STD</u> | <u>A</u>  | <u>Howco</u> | <u>B</u>    | <u>3% CaCl<sub>2</sub>, 1/2# Floccule</u> | <u>1.18</u>      | <u>15.6</u>     |

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

CIRCULATING 200 DISPLACEMENT 250 PRESLUSH: BBL.-GAL. 15410 TYPE 3060 3/16

BREAKDOWN \_\_\_\_\_ MAXIMUM 250 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 29

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 43

TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

## HYDRAULIC HORSEPOWER

## REMARKS

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET 10 REASON 1st run

see job log

12/08/2023

CUSTOMER

CUSTOMER: Ino Petroleum  
LEASE: Bender  
WELL NO.:  
JOB TYPE: Int 8 5/8 CSC  
DATE: 4-30-21



# HALLIBURTON SERVICES JOB SUMMARY

FORM 2012 R-2

DIVISION HALLIBURTON  
HALLIBURTON LOCATION WESTON, WV

BILLED ON TICKET NO. 993747

## WELL DATA

FIELD OTTER SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY BRAXTON STATE WV

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE 1500

MISC. DATA \_\_\_\_\_ TOTAL DEPTH 2025

|              | NEW USED | WEIGHT       | SIZE         | FROM      | TO          | MAXIMUM PSI ALLOWABLE |
|--------------|----------|--------------|--------------|-----------|-------------|-----------------------|
| CASING       |          | <u>N 9.5</u> | <u>4 1/2</u> | <u>66</u> | <u>2017</u> | <u>1500</u>           |
| LINER        |          |              |              |           |             |                       |
| TUBING       |          |              |              |           |             |                       |
| OPEN HOLE    |          |              |              |           |             | SHOTS/FT.             |
| PERFORATIONS |          |              |              |           |             |                       |
| PERFORATIONS |          |              |              |           |             |                       |
| PERFORATIONS |          |              |              |           |             |                       |

## JOB DATA

| CALLED OUT         | ON LOCATION        | JOB STARTED        | JOB COMPLETED      |
|--------------------|--------------------|--------------------|--------------------|
| DATE <u>5-2-81</u> | DATE <u>5-2-81</u> | DATE <u>5-2-81</u> | DATE <u>5-2-81</u> |
| TIME <u>1230</u>   | TIME <u>0230</u>   | TIME <u>0330</u>   | TIME <u>0355</u>   |

## PERSONNEL AND SERVICE UNITS

| NAME                 | UNIT NO. & TYPE  | LOCATION      |
|----------------------|------------------|---------------|
| <u>C.K. MARSHALL</u> | <u>PIU 26061</u> | <u>WESTON</u> |
| <u>H. SAUTE</u>      | <u>616</u>       | <u>"</u>      |
| <u>R.B. WARD</u>     | <u>TD 225</u>    | <u>"</u>      |

## TOOLS AND ACCESSORIES

| TYPE AND SIZE                | QTY.       | MAKE          |
|------------------------------|------------|---------------|
| FLOAT COLLAR                 |            |               |
| FLOAT SHOE                   |            |               |
| GUIDE SHOE                   |            |               |
| CENTRALIZERS <u>4 1/2</u>    | <u>4EA</u> | <u>WALICO</u> |
| BOTTOM PLUG                  |            |               |
| TOP PLUG <u>4 1/2 LPP</u>    | <u>1EA</u> | <u>WALICO</u> |
| HEAD <u>4 1/2 PCM</u>        | <u>1EA</u> | <u>WALICO</u> |
| PACKER <u>PCM</u>            | <u>1EA</u> |               |
| OTHER <u>4 1/2 SHOC ASSM</u> | <u>1EA</u> | <u>WALICO</u> |

## MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER 566L A/B

OTHER \_\_\_\_\_

DEPARTMENT CEMENT

DESCRIPTION OF JOB CAT 4 1/2 CSN

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE X Doug Bloom

HALLIBURTON OPERATOR C.K. Marshall COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

| STAGE    | NUMBER OF SACKS | TYPE           | API CLASS | BRAND         | BULK SACKED | ADDITIVES                  | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|----------|-----------------|----------------|-----------|---------------|-------------|----------------------------|------------------|-----------------|
| <u>1</u> | <u>100</u>      | <u>51/2 RB</u> | <u>A</u>  | <u>WALICO</u> | <u>B</u>    | <u>10% SALT 1/4# Flocc</u> | <u>1.29</u>      | <u>14.38</u>    |

PRESSURES IN PSI SUMMARY VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT 900 PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM 1500 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. 35

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 33

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 22

HYDRAULIC HORSEPOWER TOTAL VOLUME: BBL.-GAL. 145

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ REMARKS SEE JOB LOG

AVERAGE RATES IN BPM

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE

FEET \_\_\_\_\_ REASON \_\_\_\_\_

12/08/2023

CUSTOMER

CUSTOMER: TRIO PETS  
JOB TYPE: CEMENT  
WELL NO.: 1  
DATE: 2 MAR 81



# HALLIBURTON SERVICES JOB SUMMARY

FORM 2012 R-2

DIVISION \_\_\_\_\_  
HALLIBURTON LOCATION WESTON, WV

BILLED ON TICKET NO. 993747

## WELL DATA

FIELD OTTER SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY BRAXTON STATE WV

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE 1500

MISC. DATA \_\_\_\_\_ TOTAL DEPTH 2025

|              | NEW USED | WEIGHT       | SIZE         | FROM      | TO          | MAXIMUM PSI ALLOWABLE |
|--------------|----------|--------------|--------------|-----------|-------------|-----------------------|
| CASING       |          | <u>N 9.5</u> | <u>4 1/2</u> | <u>66</u> | <u>2017</u> | <u>1500</u>           |
| LINER        |          |              |              |           |             |                       |
| TUBING       |          |              |              |           |             |                       |
| OPEN HOLE    |          |              |              |           |             | SHOTS/FT.             |
| PERFORATIONS |          |              |              |           |             |                       |
| PERFORATIONS |          |              |              |           |             |                       |
| PERFORATIONS |          |              |              |           |             |                       |

## JOB DATA

| CALLLED OUT        | ON LOCATION        | JOB STARTED        | JOB COMPLETED      |
|--------------------|--------------------|--------------------|--------------------|
| DATE <u>5-2-81</u> | DATE <u>5-2-81</u> | DATE <u>5-2-81</u> | DATE <u>5-2-81</u> |
| TIME <u>1230</u>   | TIME <u>0230</u>   | TIME <u>0330</u>   | TIME <u>0355</u>   |

## TOOLS AND ACCESSORIES

| TYPE AND SIZE                | QTY.       | MAKE          |
|------------------------------|------------|---------------|
| FLOAT COLLAR                 |            |               |
| FLOAT SHOE                   |            |               |
| GUIDE SHOE                   |            |               |
| CENTRALIZERS <u>4 1/2</u>    | <u>4EA</u> | <u>WALICO</u> |
| BOTTOM PLUG                  |            |               |
| TOP PLUG <u>4 1/2 LDP</u>    | <u>1EA</u> | <u>WALICO</u> |
| HEAD <u>4 1/2 PCM</u>        | <u>1EA</u> | <u>WALICO</u> |
| PACKER <u>PCM</u>            | <u>1EA</u> | <u>WALICO</u> |
| OTHER <u>4 1/2 SHOC ASSM</u> | <u>1EA</u> | <u>WALICO</u> |

## MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB. \_\_\_\_\_

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB. \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER 566L A/B

OTHER \_\_\_\_\_

## PERSONNEL AND SERVICE UNITS

| NAME                 | UNIT NO. & TYPE  | LOCATION      |
|----------------------|------------------|---------------|
| <u>C.K. MARSHALL</u> | <u>PIU 26061</u> | <u>WESTON</u> |
| <u>A. SAUTE</u>      | <u>610</u>       | <u>"</u>      |
| <u>R.B. WARD</u>     | <u>70</u>        | <u>"</u>      |
|                      | <u>2025</u>      |               |

DEPARTMENT CEMENT

DESCRIPTION OF JOB CAT 4 1/2 CEN

JOB DONE THRU: TUBING  CASING  ANNULUS  TSG./ANN.

CUSTOMER REPRESENTATIVE X Doug Brown

HALLIBURTON OPERATOR C.K. Marshall COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

| STAGE    | NUMBER OF SACKS | TYPE          | API CLASS | BRAND         | BULK SACKED | ADDITIVES                    | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|----------|-----------------|---------------|-----------|---------------|-------------|------------------------------|------------------|-----------------|
| <u>1</u> | <u>100</u>      | <u>CEMENT</u> | <u>A</u>  | <u>WALICO</u> | <u>A</u>    | <u>10% SALT 1/4# Floclok</u> | <u>1.29</u>      | <u>14.38</u>    |

## PRESSURES IN PSI

CIRCULATING \_\_\_\_\_ DISPLACEMENT 900

BREAKDOWN \_\_\_\_\_ MAXIMUM 1500

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET \_\_\_\_\_ REASON \_\_\_\_\_

## SUMMARY

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. 35

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 33

CEMENT SLURRY: BBL.-GAL. 22

TOTAL VOLUME: BBL.-GAL. 145

## REMARKS

SEE JOB LOG

12/08/2023

CUSTOMER

CUSTOMER TRIS PTRS  
LEASE RANSON  
WELL NO. #1  
JOB TYPE 4 1/2  
DATE 2 May 81



# HALLIBURTON SERVICES JOB SUMMARY

FORM 2012 R-2

DIVISION \_\_\_\_\_  
HALLIBURTON LOCATION WESTON, WV

BILLED ON TICKET NO. 993747

## WELL DATA

FIELD OTCR SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY BRAXTON STATE WV

| FORMATION NAME | TYPE | NEW USED | WEIGHT | SIZE  | FROM | TO   | MAXIMUM PSI ALLOWABLE |
|----------------|------|----------|--------|-------|------|------|-----------------------|
| CASING         |      | N        | 9.5    | 4 1/2 | 66   | 2017 | 1500                  |
| LINER          |      |          |        |       |      |      |                       |
| TUBING         |      |          |        |       |      |      |                       |
| OPEN HOLE      |      |          |        |       |      |      | SHOTS/FT.             |
| PERFORATIONS   |      |          |        |       |      |      |                       |
| PERFORATIONS   |      |          |        |       |      |      |                       |
| PERFORATIONS   |      |          |        |       |      |      |                       |

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE 1500

MISC. DATA \_\_\_\_\_ TOTAL DEPTH 2025

## JOB DATA

| CALLED OUT         | ON LOCATION        | JOB STARTED        | JOB COMPLETED      |
|--------------------|--------------------|--------------------|--------------------|
| DATE <u>5-2-81</u> | DATE <u>5-2-81</u> | DATE <u>5-2-81</u> | DATE <u>5-2-81</u> |
| TIME <u>1230</u>   | TIME <u>0230</u>   | TIME <u>0330</u>   | TIME <u>0355</u>   |

## TOOLS AND ACCESSORIES

| TYPE AND SIZE                | QTY.       | MAKE          |
|------------------------------|------------|---------------|
| FLOAT COLLAR                 |            |               |
| FLOAT SHOE                   |            |               |
| GUIDE SHOE                   |            |               |
| CENTRALIZERS <u>4 1/2</u>    | <u>4EA</u> | <u>WALICO</u> |
| BOTTOM PLUG                  |            |               |
| TOP PLUG <u>4 1/2 LPP</u>    | <u>1EA</u> | <u>WALICO</u> |
| HEAD <u>4 1/2 PCN</u>        | <u>1EA</u> | <u>WALICO</u> |
| PACKER <u>FORM</u>           | <u>1EA</u> |               |
| OTHER <u>4 1/2 SHOC ASSM</u> | <u>1EA</u> | <u>WALICO</u> |

## PERSONNEL AND SERVICE UNITS

| NAME                 | UNIT NO. & TYPE  | LOCATION      |
|----------------------|------------------|---------------|
| <u>C.K. MARSHALL</u> | <u>PIU 26061</u> | <u>WESTON</u> |
| <u>A. SAUTE</u>      | <u>612</u>       | <u>"</u>      |
| <u>R.B. WARD</u>     | <u>70 P225</u>   | <u>"</u>      |

## MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER 566L A/B

OTHER \_\_\_\_\_

DEPARTMENT CEMENT

DESCRIPTION OF JOB CAT 4 1/2 CN

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE X Doug Bro...

HALLIBURTON OPERATOR C.K. Marshall

COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

| STAGE    | NUMBER OF SACKS | TYPE          | API CLASS | BRAND         | BULK SACKED | ADDITIVES                  | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|----------|-----------------|---------------|-----------|---------------|-------------|----------------------------|------------------|-----------------|
| <u>1</u> | <u>100</u>      | <u>SW/CRB</u> | <u>A</u>  | <u>WALICO</u> | <u>B</u>    | <u>10% SALT 1/4# Flocc</u> | <u>1.29</u>      | <u>14.38</u>    |

## PRESSURES IN PSI

CIRCULATING \_\_\_\_\_ DISPLACEMENT 900

BREAKDOWN \_\_\_\_\_ MAXIMUM 1500

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET \_\_\_\_\_ REASON \_\_\_\_\_

## SUMMARY

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. 35

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 33

CEMENT SLURRY: BBL.-GAL. 22

TOTAL VOLUME: BBL.-GAL. 145

## REMARKS

SEE JOB LOG

12/08/2023

CUSTOMER

CUSTOMER TRIO P-TR0  
LEASE BRAD-CL  
WELL NO. #1  
JOB TYPE 4 1/2  
DATE 2 May 81



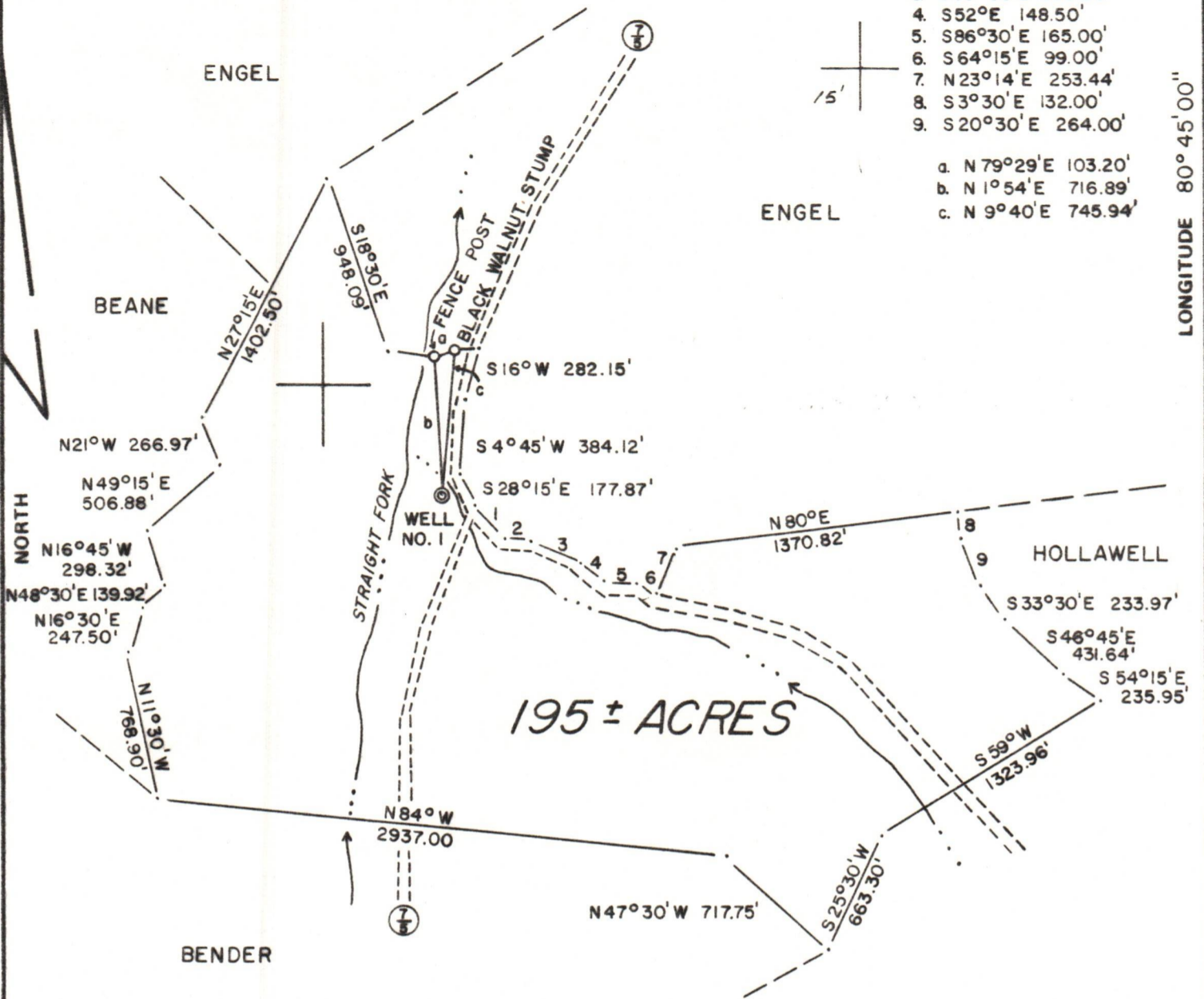
cl #129

11,450'

LATITUDE 38°45'00"

# BENDER WELL NO. 1

1. S43°E 231.00'
  2. S84°E 132.00'
  3. S65°30'E 280.50'
  4. S52°E 148.50'
  5. S86°30'E 165.00'
  6. S64°15'E 99.00'
  7. N23°14'E 253.44'
  8. S3°30'E 132.00'
  9. S20°30'E 264.00'
- a. N79°29'E 103.20'
  - b. N1°54'E 716.89'
  - c. N9°40'E 745.94'

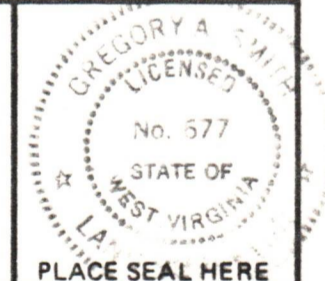


LONGITUDE 80°45'00"

6725'

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 800'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION SPOT ELEV. AT BRIDGE 2900' N. OF LOCATION ELEV. 949'

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) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ L.L.S. 677



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



DATE APRIL 22, 19 81  
 OPERATOR'S WELL NO. 1  
 API WELL NO. \_\_\_\_\_  
 STATE 47 COUNTY 007 PERMIT 1661-P

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 985' WATER SHED STRAIGHT RUN  
 DISTRICT OTTER COUNTY BRAXTON  
 QUADRANGLE GASSAWAY 7.5'

SURFACE OWNER DANA ENGEL, et. al. ACREAGE 188.2  
 OIL & GAS ROYALTY OWNER JOEL H. BENDER, et. al. LEASE ACREAGE 195  
 LEASE NO. \_\_\_\_\_

12/08/2023

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 INJUN SAND ESTIMATED DEPTH 2200'  
 WELL OPERATOR TRIO PETROLEUM CORP. DESIGNATED AGENT E.A. BROOME  
 ADDRESS RT. 76 BOX 35E ADDRESS RT. 76 BOX 35E  
 GLENVILLE, W.V. 26351 GLENVILLE, W.V. 26351