



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

DEPARTMENT OF MINES
PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
NAME Glenn L. Haught & Sons NAME G.W. Miller
ADDRESS Smithville, W.Va. ADDRESS Tanner, W.V. 26179
TELEPHONE _____ TELEPHONE 304-462-8845
ESTIMATED DEPTH OF COMPLETED WELL: 2200' ROTARY X CABLE TOOLS _____
PROPOSED GEOLOGICAL FORMATION: Berea Grit
TYPE OF WELL: OIL _____ GAS _____ COMB. X STORAGE _____ DISPOSAL _____
RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

| CASING AND TUBING SIZE | USED FOR DRILLING | LEFT IN WELL | CEMENT FILL UP OR SACKS - CUBIC FT. |
|------------------------|-------------------|--------------|-------------------------------------|
| 20 - 16 | | | |
| 13 - 10 | | | |
| 9 - 5/8 | | | |
| 8 - 5/8 | <u>200'</u> | <u>200'</u> | <u>200'</u> |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | <u>2200'</u> | <u>2200'</u> | <u>2200'</u> |
| 3 | | | Perf. Top |
| 2 | | | Perf. Bottom |
| Liners | | | Perf. Top |
| | | | Perf. Bottom |

APPROXIMATE FRESH WATER DEPTHS 100 FEET 1000 SALT WATER 1550 FEET
APPROXIMATE COAL DEPTHS None
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.

(Sign Name)

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

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

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

10/06/2023

For Coal Company

Official Title

PARTICIPANTS:

DATE: OCT 13 1980 OCT 13 1980

BUYER-SELLER CODE

WELL OPERATOR: George W. Miller, Agent
Cil. Co. W. Va. O & G. Vent

N/A

FIRST PURCHASER: Consolidated Gas Corp

001433

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
90/03/21 109 021 2534
Use Above File Number on all Communications
Relating To Determination of this Well

Qualifies F. H. Huggins

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC-121 Items not completed - Line No. _____
- 2. IV -1 Agent George W. Miller
- 3. IV-2 Well Permit
- 4. IV.6 Well Plat
- 5. IV-35 Well Record Drilling Deepening
- 6. IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? Ratio
- 7. IV-39 Annual Production _____ years
- 8. IV-40 90 day Production 85 Days off Line: _____
- 9. IV-48 Application for certification. Complete?
- 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? AFFIDAVIT SIGNED?
- 28 Other: Survey _____ Logs _____ Geological Charts _____
Structure Map _____ 1:4000 Map _____ Well Tabulations _____
Gas Analyses _____

- (5) Date commenced: 3/10/75 Date completed march 78 Deepened _____
- (5) Production Depth: 1800 - 2200
- (5) Production Formation: Injun jules
- (5) Final Open Flow: 110,000 mcf/d
- (5) After Free. R.P. 600# 72 hrs
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: $\frac{1460}{365} = 4 \text{ MCF}$, oil $\frac{24}{365} = .06 \text{ BBL}$
- (8) Avg. Daily Gas from 90-day ending w/1 - 120 days $\frac{446}{85} = 5.3 \text{ MCF}$, oil $\frac{9}{85} = .01 \text{ BBL}$
- (8) Line Pressure: 15 # 10/06/2023
PSIG from Daily Rep
- (5) Oil Production: yes From Completion Report 1980/2128
- 17) Does lease inventory indicate enhanced recovery being done No
- 17) Is affidavit signed? Notarized?

official well record with the Department confirm the submitted information?
Additional Information _____ Does computer program confirm? _____
Determination objected to? _____ By Whom? MW

Feb

Date ~~Nov 13~~ 19 80

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

Operator's Well No. 2
API Well No. 47 - 021 2534
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL
NGPA Section 108

5

DESIGNATED AGENT Michael J. Miller

ADDRESS 400 Broadcreek Drive
Oxon Hill, Maryland 20022

WELL OPERATOR Michael J. Miller
ADDRESS _____

LOCATION: Elevation 1017

GAS PURCHASER Consolidated
ADDRESS Clantishong, W. Va.

Watershed _____
Dist. Troy County Gilmer Quad HOLBROK

Gas Purchase Contract No. ~~XXXX~~ 3931

Meter Chart Code A711

Date of Contract 10/3/77

* * * * *

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

~~Well only has casing and production tubing. Well flows fluid.~~

~~No production equipment~~

2200' 4 1/2" production pipe
Pump - new
Rods - 2200'
Tubing - 2" V-thread 2100'
Insert pump & accessories
See attached?
Surface pipe

Well was sand fractured through multiple perforations. Single stage sand fracture. Gate
Oil tank - 50 bbl
Tubing to meter house 2" - 100 yards.

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

Production and payment records from Consolidated which are attached for the production life of the well. (See IV-70)

Describe the search made of any records listed above:

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes No . If yes, indicate the type and source of the information.

AFFIDAVIT

I, Michael J. Miller, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

Michael J. Miller

STATE OF WEST VIRGINIA,

COUNTY OF GILMER, TO WIT:

I, HOWARD L. FISCHER, a Notary Public in and for the state and county aforesaid, do certify that MICHAEL J. MILLER whose name is signed to the writing above, bearing date the 26 day of January, 1980, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 26 day of January, 1980.

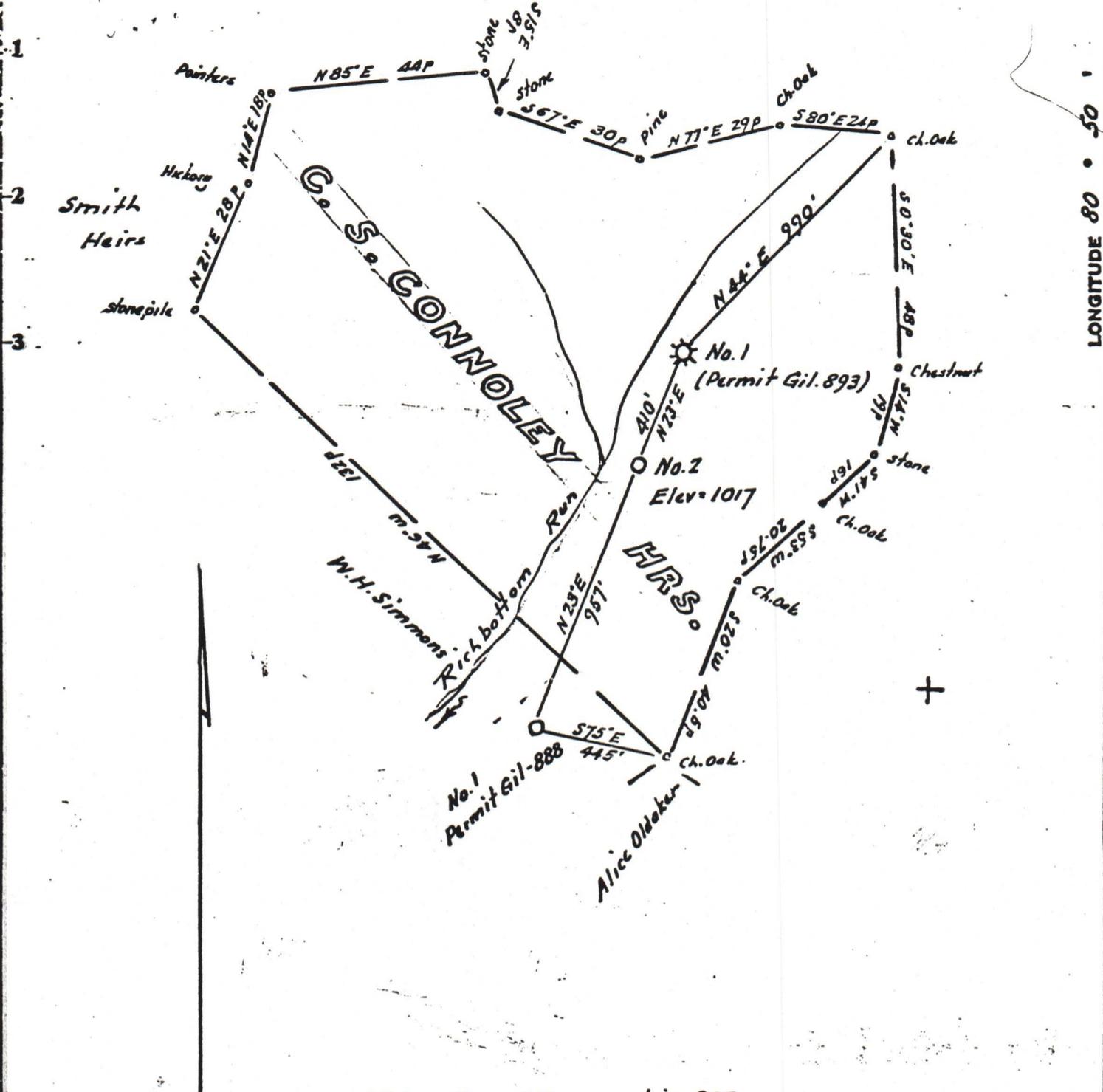
My term of office expires on the 9 day of January, 1990.

Howard L. Fischer
Notary Public

[NOTARIAL SEAL]

10/06/2023

Kenneth Osborne



Minimum Error of Closure 1 in 200

Source of Elevation Elev. Well No. 1 = 995

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

- Fracture
- New Location
- Drill Deeper
- Abandonment

Signed: _____
 Map No. _____ Squares: N S E W

Company MICHAEL J. MILLER dba / Joint Venture Company
 Address Tanner, West Va.
 Farm C.S. Connoley Hrs.
 Tract _____ Acres 76 Lease No. _____
 Well (Farm) No. Two Serial No. _____
 Elevation (Spirit Level) 1917
 Quadrangle Holbrook
 County Gilmer District Troy
 Engineer W. Abbott
 Surveyor's Registration No. 1227
 File No. _____ Drawing No. _____
 Date March 29, 1975 Scale 1" = 30p = 495

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

WELL LOCATION MAP

FILE NO. GIL-251 18/06/2023

+ Denotes location of well on United States Topographic Maps, scale 1 to _____, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

47-021



RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

JAN 8 1986

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
February 24, 1984

COMPANY Dr. Michael J. Miller, dba
Joint Venture Company
c/o G. W. Miller
P. O. Box 2
Glenville, West Virginia 26351

PERMIT NO 021-2534 (2-21-75)
FARM & WELL NO C. S. Connoley #2
DIST. & COUNTY Troy/Gilmer

| 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 | | |
| 15.03 | Adequate Fresh Water Casing | | |
| 15.02 | Adequate Coal Casing | | |
| 15.01 | Adequate Production Casing | | |
| 15.04 | Adequate Cement Strenght | | |
| 15.05 | Cement Type | | |
| 23.02 | Maintained Access Roads | | |
| 25.01 | Necessary Equipment to Prevent Waste | | |
| 23.04 | Reclaimed Drilling Pits | | |
| 23.05 | No Surface or Underground Pollution | | |
| 23.07 | Requirements for Production & Gathering Pipelines | | |
| 16.01 | Well Records on Site | | |
| 16.02 | Well Records Filed | | |
| 7.05 | Identification Markings | | |

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED *W. R. Mason*
DATE 1-14-86

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. ...
Administrator-Oil & Gas Division

January 16, 1986
DATE

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

JAN 8 1988

State of Texas
Department of Energy
Oil and Gas Division
Austin, Texas

Re: [Illegible]

[Illegible text]

[Illegible text]

[Illegible text]

[Handwritten signature]

10/06/2023

| Formation | Color | Hard or Soft | Top Feet ⁵ | Bottom Feet | Oil, Gas or Water | * Remarks |
|-----------------------|-------|--------------|-----------------------|-------------|-------------------|--------------|
| slate | | | 1230 | 1315 | | |
| lime | | | 1315 | 1325 | | |
| slate | | | 1325 | 1350 | | * El Log Top |
| slate sand | | | 1350 | 1354 | | |
| slate | | | 1354 | 1469 | | |
| sand | | | 1469 | 1479 | | |
| slate | | | 1479 | 1580 | | maxton |
| slate | | | 1580 | 1680 | | |
| Little Lime | | | 1680 | 1710 | | |
| Pencil Cave | | | 1710 | 1732 | | |
| Big Lime | | | 1732 | 1780 | | |
| Keener | | | 1780 | 1807 | | Gas 1885 |
| Injun | | | 1907 | 1872 | | |
| wier slate | | | 1872 | 1980 | | |
| wier | | | 1980 | 2128 | | oil |
| slate | | | 2128 | 2160 | | |
| Sand | | | 2160 | 2164 | | |

10/06/2023

Date 8-1-77, 1977
 APPROVED M. J. Miller, J.D. Owner
 By G. W. Miller
 (Title)



RECEIVED

AUG 31 1977

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Rotary Oil
Cable _____ Gas
Recycling _____ Comb.
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle _____

Permit No. GIL 2534

| | | | | |
|---|---------------------|------------------|--------------|-------------------------------|
| Company <u>Dr. M.J. Miller</u> | Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
| Address <u>400 Broad Creek Road, Oxon Hill</u> | Size <u>8 1/4</u> | <u>250</u> | <u>250</u> | <u>Surface</u> |
| Farm <u>G. W. Miller</u> Acres <u>25</u> | 20-16 | | | |
| Location (waters) <u>Rich Bottom Run</u> | Cond. <u>13-10"</u> | | | |
| Well No. <u>2</u> Elev. _____ | <u>9 5/8</u> | | | |
| District <u>DeKalb-Troy</u> County <u>Gilmer</u> | <u>8 5/8</u> | <u>250</u> | <u>250</u> | <u>Surface</u> |
| The surface of tract is owned in fee by <u>G. W. Miller</u> | <u>7</u> | | | |
| Address <u>Tanner, W.V. 26179</u> | <u>5 1/2</u> | | | |
| Mineral rights are owned by <u>G. W. Miller et al</u> | <u>4 1/2</u> | | <u>2234</u> | |
| Address <u>Tanner, WV 26179</u> | <u>3</u> | | | |
| Drilling Commenced <u>3-10-75</u> | <u>2</u> | | <u>2000</u> | |
| Drilling Completed <u>3-20-75</u> | Liners Used | | | |
| Initial open flow <u>50</u> cu. ft. <u>0</u> bbls. | | | | |
| Final production <u>110000</u> cu. ft. per day <u>1</u> bbls. | | | | |
| Well open <u>72</u> hrs. before test <u>600</u> RP. | | | | |

Well treatment details:

Attach copy of cementing record.

26 perforations - Injun, Keener, wier. Treated at max. of 2300#.
600 bbl. water used in treatment. Well making some water over
treatment. Water may be exhausting. Pressure 600# with fluid
load on gas. Formations making floating material after frac
preventing pumping from pocket below wier.

| |
|--|
| Coal was encountered at <u>0</u> Feet _____ Inches _____ |
| Fresh water <u>20</u> Feet _____ Salt Water <u>little</u> Feet <u>maxton</u> |
| Producing Sand <u>s Keener, injun, wier</u> Depth <u>1785 1838 1848 1868</u> |
| <u>2002 2008, 2026 2030 2052 2102 2104 2106 2113 2167</u> |

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|-----------|-------|--------------|----------|-------------|-------------------|-----------|
| Clay | | | 0 | 40 | | |
| Red Rock | | | 40 | 75 | | |
| Lime | | | 75 | 125 | | |
| Red Rock | | | 125 | 200 | | |
| Lime | | | 200 | 275 | | |
| slate | | | 275 | 320 | | |
| red rock | | | 320 | 400 | | |
| Lime | | | 400 | 480 | | |
| Red Rock | | | 480 | 560 | | |
| Lime | | | 560 | 600 | | |
| slate | | | 600 | 630 | | |
| Red Rock | | | 630 | 660 | | |
| slate | | | 660 | 735 | | |
| sand | | | 735 | 745 | | |
| slate | | | 745 | 760 | | |
| sand | | | 760 | 785 | | |
| Lime | | | 885 | 930 | | |
| sand | | | 930 | 955 | | |
| Lime | | | 955 | 1050 | | |
| sand | | | 1050 | 1100 | | |
| slate | | | 1100 | 1115 | | |
| sand | | | 1115 | 1170 | | |
| slate | | | 1170 | 1205 | | |
| lime | | | 1205 | 1230 | | |

10/06/2023

(over)

* Indicates Electric Log tops in the remarks section.