



1) Date: May 15, 19 84  
 2) Operator's Well No. P.M. FURBEE #21  
 3) API Well No. 47 - 095 - 1077  
 State County Permit

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

- 4) WELL TYPE: A Oil  / Gas   
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow  ) **OMI-**
- 5) LOCATION: Elevation: 1087.2 Watershed: MCELROY CREEK OF MIDDLE ISLAND CREEK  
 District: MCELROY County: TYLER Quadrangle: SHIRLEY 7.5'
- 6) WELL OPERATOR: QUAKER STATE OIL REF. CORP. 7) DESIGNATED AGENT: CARL J. CARLSON  
 Address: P.O. BOX 1327 Address: P.O. BOX 1327  
PARKERSBURG, WV 26101 PARKERSBURG, WV 26101
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: ROBERT LOWTHER  
 Address: General Delivery  
Middlebourne, WV 26149 (304) 758-4764
- 9) DRILLING CONTRACTOR: Name: UNKNOWN  
 Address: \_\_\_\_\_
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate   
 Plug off old formation  / Perforate new formation   
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, BIG INJUN  
 12) Estimated depth of completed well, 2272' feet  
 13) Approximate trata depths: Fresh, 337' feet; salt, 1297' feet.  
 14) Approximate coal seam depths: 752' - 755' Is coal being mined in the area? Yes \_\_\_\_\_
- 15) CASING AND TUBING PROGRAM

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 MAY 24 1984  
 OIL & GAS DIVISION  
 DEPT. OF MINES

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	8 5/8	H-40	20	X		785'	785'	C.t.s. NEAT	Sizes
Coal									
Intermediate									
Production	5 1/2	J-55	14	X		2019'	2019'	750'	Depths set
Tubing	2	J	4.5	X			2122'		Perforations:
Liners									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-095-1077

June 4, 19 84  
 Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill 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, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper 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, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires June 4, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <b>BLANKET</b>	Agent: <u>LS</u>	Plat: <u>MM</u>	Casing: <u>MM</u>	Fee: <u>10813</u>
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*[Signature]*  
 Administrator, Office of Oil and Gas

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





OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) LOCATION: Elevation: 1087.2, Watched: MIDDLE CREEK OF MIDDLE ISLAND CREEK, District: MONTGOMERY, County: WYOMING, State: WV, Permit: 1087-2

2) WELL OPERATOR: QUAKERS STATE OIL & GAS CORP., Designated Agent: GARY J. CARSON, Address: P.O. BOX 1327, PARKERSBURG, WV 26101

3) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: ROBERT LOWMYER, Address: General Delivery, Middlebourne, WV 26149 (304) 758-4764

4) DRILLING CONTRACTOR: Name: UNKNOWN, Address: UNKNOWN

5) PROPOSED WELL WORK: Drill: X, Depth: 337', Other physical change in well (specify): None

6) GEOLOGICAL TARGET FORMATION: BIG LINDY

7) APPROXIMATE DEPTH OF COMPLETED WELL: 337' (Total depth)

8) APPROXIMATE DEPTH OF NEW DEPTH: 752' - 752' (Is coal being mined in the area? Yes)

9) CASING AND TUBING PROGRAM: (1) Approximate total depth: 752' - 752', (2) Estimated depth of completed well: 337'

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OIL & GAS DIVISION  
DEPT. OF MINES

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason:

Reason:

Blanket	Agent	Plac	Casing	Test
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12/22/2023



1) Date: May 10, 1984  
2) Operator's Well No. P. M. FURBEE #21  
3) API Well No. 47 -095-1077  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED  
(i) Name Furbee Properties  
Address 1474 Grandview Avenue  
Columbus, Ohio 43212  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

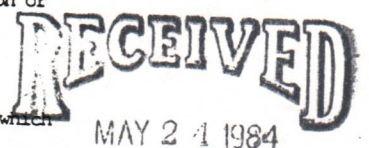
5(i) COAL OPERATOR None  
Address \_\_\_\_\_  
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name None  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name None  
Address \_\_\_\_\_

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.



6) EXTRACTION RIGHTS  
Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS  
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? ~~Yes~~ No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by Carl J. Carlson, this 10th day of May, 1984. My commission expires 11/14, 1985.

Patricia Moore  
Notary Public, Washington County,  
State of Ohio

**PATRICIA MOORE**  
NOTARY PUBLIC - STATE OF OHIO  
MY COMMISSION EXPIRES NOV. 14, 1985

WELL OPERATOR QUAKER STATE OIL REFINING CORP.  
By [Signature]  
Its District Production Manager  
Address P.O. Box 1327  
Parkersburg, WV 26101  
Telephone (614) 423-9543

12/22/2023



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 § 22-4-1b(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.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code §§ 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

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, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

\_\_\_\_\_  
Grantor, lessor, etc.      \_\_\_\_\_  
Grantee, lessee, etc.      \_\_\_\_\_  
Royalty      Book Page

See Exhibit "A"



PATRICIA MOORE  
NOTARY PUBLIC STATE OF OHIO  
NO. 123456789



#2267



IV-9  
(Rev 8-81)

*Field Review*

DATE APRIL 17, 1984

WELL NO. P.M. FURBEE NO. 21

API NO. 47 - 095 - 1077

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME QUAKER STATE OIL REF. CORP.  
Address P.O. BOX 1327, PARKERSBURG, W.V. 26101  
Telephone (614) 423-9543

DESIGNATED AGENT CARL J. CARLSON  
Address P.O. BOX 1327 PARKERSBURG, W.V. 26101  
Telephone (614) 423-9543

LANDOWNER P.M. FURBEE ESTATE  
Revegetation to be carried out by \_\_\_\_\_

SOIL CONS. DISTRICT UPPER OHIO  
CARL J. CARLSON (Agent)

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

5/7/84  
(Date)  
Lonnie R. Mason  
(SCD Agent)

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MAY 24 1984

ACCESS ROAD

LOCATION OIL & GAS DIVISION

Structure N/A (A)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (B)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (C)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure DRILL PIT (1)  
Material N/A  
Page Ref. Manual \_\_\_\_\_  
Structure TOPSOIL STORAGE (2)  
Material EXIST. TOPSOIL  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (3)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

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

REVEGETATION

Treatment Area I

Treatment Area II

Lime 3 Tons/acre  
or correct to pH 6.5  
Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch PAPER @ 3/4 OR HAY OR STRAW @ 2 Tons/acre  
Seed\* KY. 31 FESCUE @ 50 lbs/acre  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
lbs/acre

Lime 3 Tons/acre  
or correct to pH 6.5  
Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch PAPER @ 3/4 OR HAY OR STRAW @ 2 Tons/acre  
Seed\* KY. 31 FESCUE @ 50 lbs/acre  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
lbs/acre

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


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


PLAN PREPARED BY J. Bruce Hager  
J. BRUCE HAGER, L.L.S.  
ADDRESS ROUTE 1, BOX 172  
ALLUM CREEK, W.V. 25003  
PHONE NO. (304) 722-4729



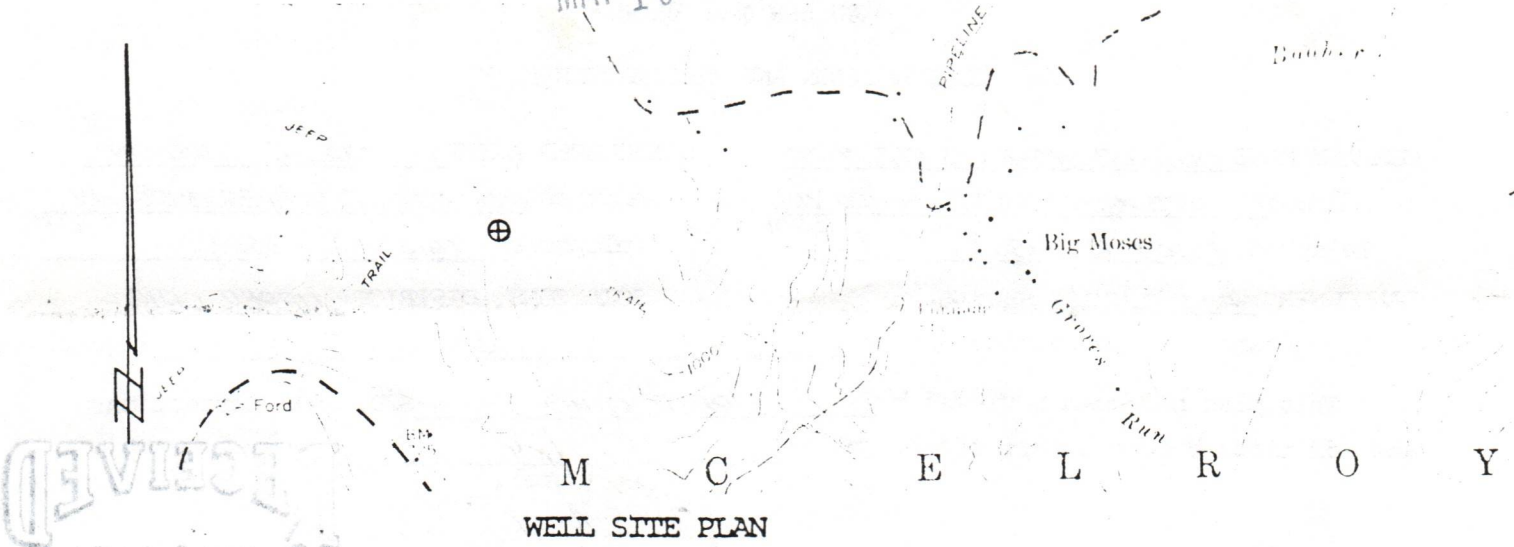
ATTACH OR PHOTOCOOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE SHIRLEY 7.5'

**LEGEND**

Well Site 











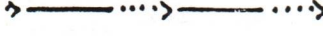
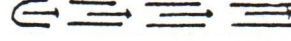
Access Road 

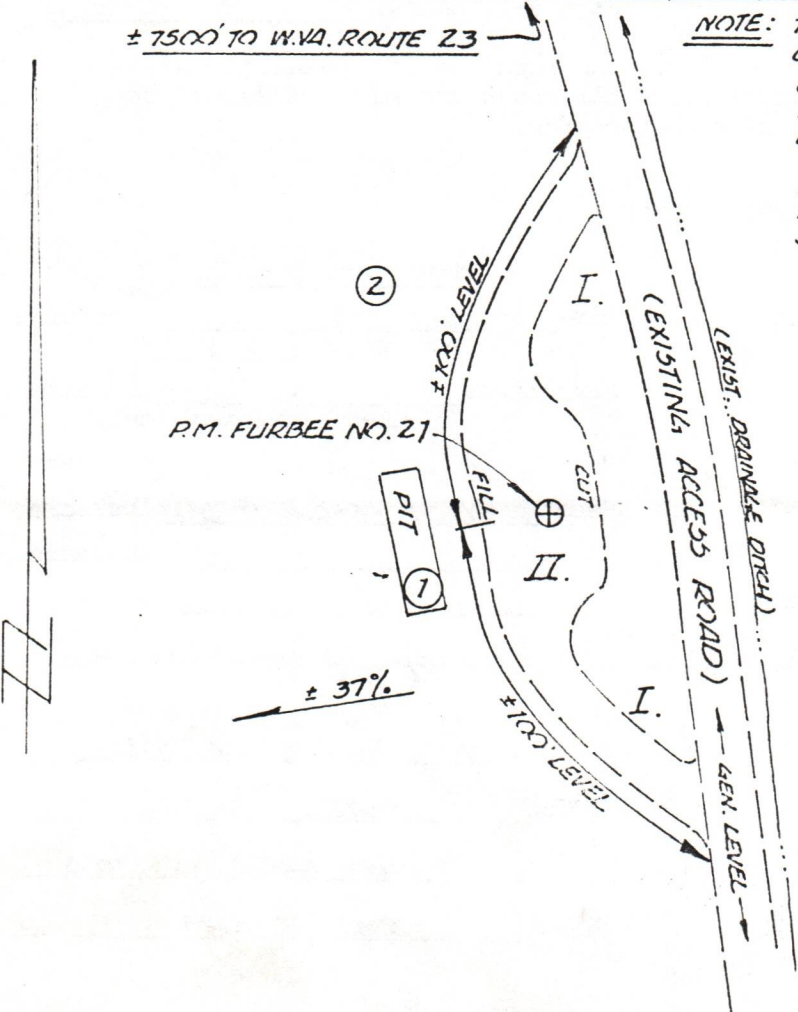
MAY 10 1984



Sketch to include well location, existing access road, roads to be constructed, well site, 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 

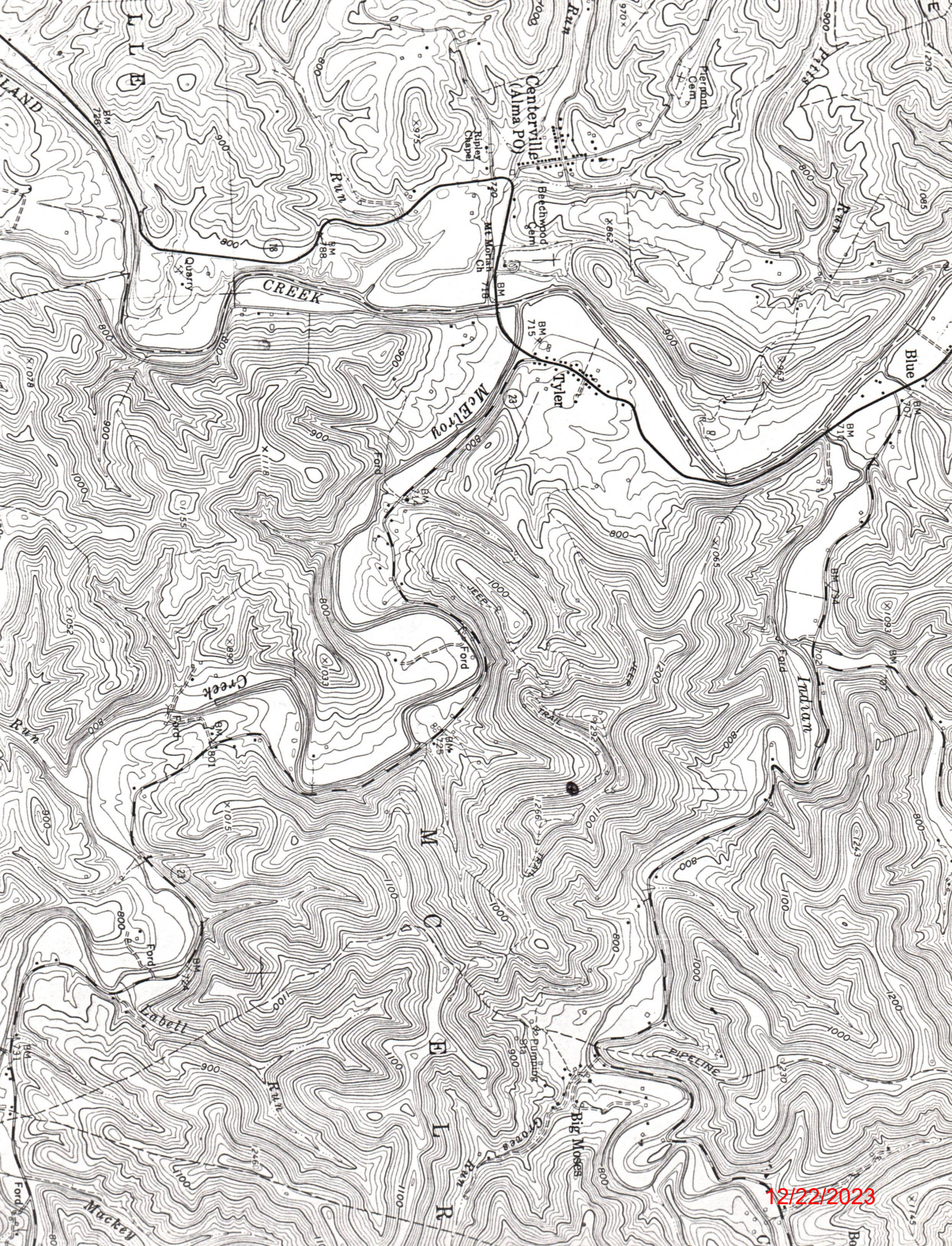


**NOTE:** THE EXISTING ACCESS ROAD HAS BEEN PERMITTED, CONSTRUCTED & IS BEING RECLAIMED IN ACCORDANCE WITH PREVIOUSLY APPROVED CONSTRUCTION & RECLAMATION PLANS FOR ADJOINING QUAKER STATE WELLS.

PROPOSED LOCATION IS ON A FAIRLY LEVEL BENCH 40'-50' IN WIDTH. LOCATION WILL BE SITE GRADED TO ENSURE POSITIVE DRAINAGE.

12/22/2023





Centerville  
(Alma PO)

Tyler

McElroy

Indian

Blue

LAND

W L L E

Labell

M

C

D

E

L

R

12/22/2023







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MAY 5 1951  
OIL & GAS DIVISION  
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12/22/2023





1) Date: May 15, 1984, 1984  
 2) Operator's Well No. P.M. FURBEE #21  
 3) API Well No. 47 -095- 1077  
 State 47 County 1077 Permit

**STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION  
 APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil  / Gas \_\_\_\_\_  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow \_\_\_\_\_)
- 5) LOCATION: Elevation: 1087.2 Watershed: McELROY CREEK OF MIDDLE ISLAND CREEK  
 District: McELROY County: TYLER Quadrangle: SHIRLEY 7.5'
- 6) WELL OPERATOR MAKER STATE OIL REF. CORP. 7) DESIGNATED AGENT CARL J. CARLSON  
 Address P.O. BOX 1327 Address P.O. BOX 1327  
PARKERSBURG, WV 26101 PARKERSBURG, WV 26101
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name ROBERT LOWTHER Name UNKNOWN  
 Address General Delivery Address \_\_\_\_\_  
Middlebourne, WV 26149 (304) 758-4764
- 10) PROPOSED WELL WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate \_\_\_\_\_  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, BIG INJUN
- 12) Estimated depth of completed well, 2272' feet
- 13) Approximate trata depths: Fresh, 337' feet; salt, 1297' feet.
- 14) Approximate coal seam depths: 752' - 755' Is coal being mined in the area? Yes

**RECEIVED**  
 MAY 24 1984

OIL & GAS DIVISION  
**DEPT. OF MINES**

**15) CASING AND TUBING PROGRAM**

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor										
Fresh water	<u>3 5/8</u>	<u>H-40</u>	<u>20</u>	<u>X</u>		<u>785'</u>	<u>785'</u>	<u>c.t.s. NEAT</u>		
Coal										
Intermediate										
Production	<u>5 1/2</u>	<u>J-55</u>	<u>14</u>	<u>X</u>		<u>2019'</u>	<u>2019'</u>	<u>750'</u>		Depths set
Tubing	<u>2</u>	<u>J</u>	<u>4.5</u>	<u>X</u>			<u>2122'</u>			
Liners										Perforations:
										Top Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

**VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: FURBEE PROPERTIES

By Jed S. Furbee, GEN. PARTNER

Its \_\_\_\_\_ Date 5-16-84

\_\_\_\_\_  
(Signature) Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature) Date: \_\_\_\_\_



**INSTRUCTIONS TO SURFACE OWNERS  
AND  
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT  
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (**NOTE:** If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

**NOTE: You are not required to file any comment at all.**

**Where to file comments and obtain additional information:**

Administrator of the Office of Oil and Gas  
West Virginia Department of Mines  
1615 Washington Street East  
Charleston, West Virginia 25311  
(304) 348-2057

**Who may file comments?** If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

**Time limits for comments.** The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

**Methods for filing comments.** Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

**If you want a copy of the permit** as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

**List of Water Testing Laboratories.** The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

12/22/2023  
Surface Owner



AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF West Virginia,  
COUNTY OF WOOD :

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- ✓(1) Notice on Form IV-2(A) ✓ / Form IV-3(A) / Form IV-4(A) /
- ✓(2) Application on Form IV-2(B) ✓ / Form IV-3(B) / Form IV-4(B) /
- ✓(3) Plat showing the well location on Form IV-6, and
- ✓(4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)

--all with respect to operator's Well No. FURBEE #21 located in Mc Elroy District, Tyler County, West Virginia, upon the person or organization named--

FRED S. FURBEE

--by delivering the same in FRANKLIN County, State of OHIO on the 16<sup>th</sup> day of MAY, 1984 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

[ ] Handing it to him / her / or, because he / she / refused to take it when I offered it, by leaving it in his / her / presence.

[ ] Handing it to a member of his or her family above the age of 16 years named \_\_\_\_\_ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

[X] Handing it to FRED S. FURBEE, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

[ ] Handing it to the general partner, named \_\_\_\_\_, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

[ ] Handing it to the corporation's employee / officer / director / attorney in fact / named \_\_\_\_\_.

**RECEIVED**

MAY 24 1984

OIL & GAS DIVISION  
DEPT. OF MINES

William C. Toland  
(Signature of person executing service)

Taken, subscribed and sworn before me this 21<sup>st</sup> day of May, 1984.  
My commission expires June 11, 1990.

David R. Perkins  
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)



RECEIVED

DEPT. OF MINES  
OIL & GAS DIVISION

12/22/2023







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

Shot from 2066 - 2160' with 190 qts. nitroglycerine.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand and shale			0	750	
Sand			750	762	
Shale			762	815	
Sand			815	842	
Silt and shale			842	1290	
Lime			1290	1318	
Shale			1318	1368	
Lime			1368	1418	
Sand & shale			1418	1654	
Sand			1654	1677	
Shale			1677	1740	
Sand			1740	1782	
Silt and shale			1782	1944	
Little Lime			1944	1958	
Shale			1958	1974	
Lime			1974	1980	
Shale			1980	1986	
Big Lime			1986	2061	
Big Injun			2061	2176	
Shale			2176	2190	T.D.

(Attach separate sheets as necessary)

QUAKER STATE OIL REFINING CORPORATION  
Well Operator

By: Jeffrey W. Hill 12/22/2023  
Date: October 19, 1984 Jeffrey W. Hill, Geologist

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."



**RECEIVED**  
OCT 22 1984

Operator's  
Well No. P.M. Furbee #21  
API Well No. 47 - 095 - 1077  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION  
OIL & GAS DIVISION  
**DEPT. OF MINES**  
WELL OPERATOR'S REPORT  
OF  
INITIAL GAS-OIL RATIO TEST

WELL OPERATOR QUAKER STATE OIL REFINING CORP. DESIGNATED AGENT Carl J. Carlson  
Address P.O. Box 1327 Address P.O. Box 1327  
Parkersburg, Wv 26101 Parkersburg, WV 26101

GEOLOGICAL TARGET FORMATION: Big Injun Depth 2061 - 2176 feet  
Perforation Interval 2066 - 2160' feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 21.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA				
START OF TEST-DATE	TIME	END OF TEST-DATE	TIME	DURATION OF TEST
TUBING PRESSURE	CASING PRESSURE	SEPARATOR PRESSURE	SEPARATOR TEMPERATURE	
OIL PRODUCTION DURING TEST bbls.	GAS PRODUCTION DURING TEST Mcf		WATER PRODUCTION DURING TEST & SALINITY bbls. ppm.	
OIL GRAVITY	PRODUCING METHOD (Flowing, pumping, gas lift, etc.) °API			

GAS PRODUCTION		
MEASUREMENT METHOD FLANGE TAP <input type="checkbox"/> PIPE TAP <input type="checkbox"/> L-10 <input type="checkbox"/>	POSITIVE CHOKE <input type="checkbox"/> CRITICAL FLOW PROVER <input type="checkbox"/>	
ORIFICE DIAMETER	PIPE DIAMETER (INSIDE DIAM.)	NOMINAL CHOKE SIZE - IN.
DIFFERENTIAL PRESSURE RANGE	MAX. STATIC PRESSURE RANGE	PROVER & ORIFICE DIAM. - IN.
DIFFERENTIAL	STATIC	GAS GRAVITY (Air=1.0) MEASURED ESTIMATED
GAS GRAVITY (Air=1.0)	FLOWING TEMPERATURE	GAS TEMPERATURE °F
24 HOUR COEFFICIENT	24 HOUR COEFFICIENT	
PRESSURE - psia		

TEST RESULTS			
DAILY OIL 1 bbls.	DAILY WATER 1.5 bbls.	DAILY GAS --- Mcf.	GAS-OIL RATIO N/A SCF/STE

QUAKER STATE OIL REFINING CORPORATION  
Well Operator  
By: Carl J. Carlson  
Its: District Production Manager

12/22/2023



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

RECEIVED  
AUG - 1 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 095-1077

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

Company Quaker State  
 Address Parkersburg W. Va.  
 Farm P M Farber  
 Well No. 21  
 District Mc Elroy County Tyler  
 Drilling commenced 7-25  
 Drilling completed 7-29-84 Total depth 2015  
 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	783	783	
6 3/8			Depth set _____
5 3/16	1993	1993	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 5/8 SIZE 783 No. FT 7-26-84 Date  
 NAME OF SERVICE COMPANY Halliburton  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

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

Remarks: co will move in cable tools to drill through Producing Formation

July 30, 1984  
DATE

R.A. Lawther  
DISTRICT WELL INSPECTOR









RECEIVED  
JUN 5 - 1985

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

OIL & GAS DIVISION  
DEPT. OF MINES

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
November 13, 1984

COMPANY Quaker State Oil Refining Corp.

PERMIT NO 095-1077

P. O. Box 1327

FARM & WELL NO Furbee Properties #21

Parkersburg, West Virginia 26101

DIST. & COUNTY McElroy/Tyler

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.04	Prepared before Drilling to Prevent Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.03	High-Pressure Drilling	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.01	Required Permits at Wellsite	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.03	Adequate Fresh Water Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.02	Adequate Coal Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.01	Adequate Production Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.04	Adequate Cement Strength	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.05	Cement Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.02	Maintained Access Roads	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.01	Necessary Equipment to Prevent Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.04	Reclaimed Drilling Pits	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.05	No Surface or Underground Pollution	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.07	Requirements for Production & Gathering Pipelines	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.01	Well Records on Site	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.02	Well Records Filed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.05	Identification Markings	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

SIGNED

R. H. Lowther

DATE

May 30, 1985

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.

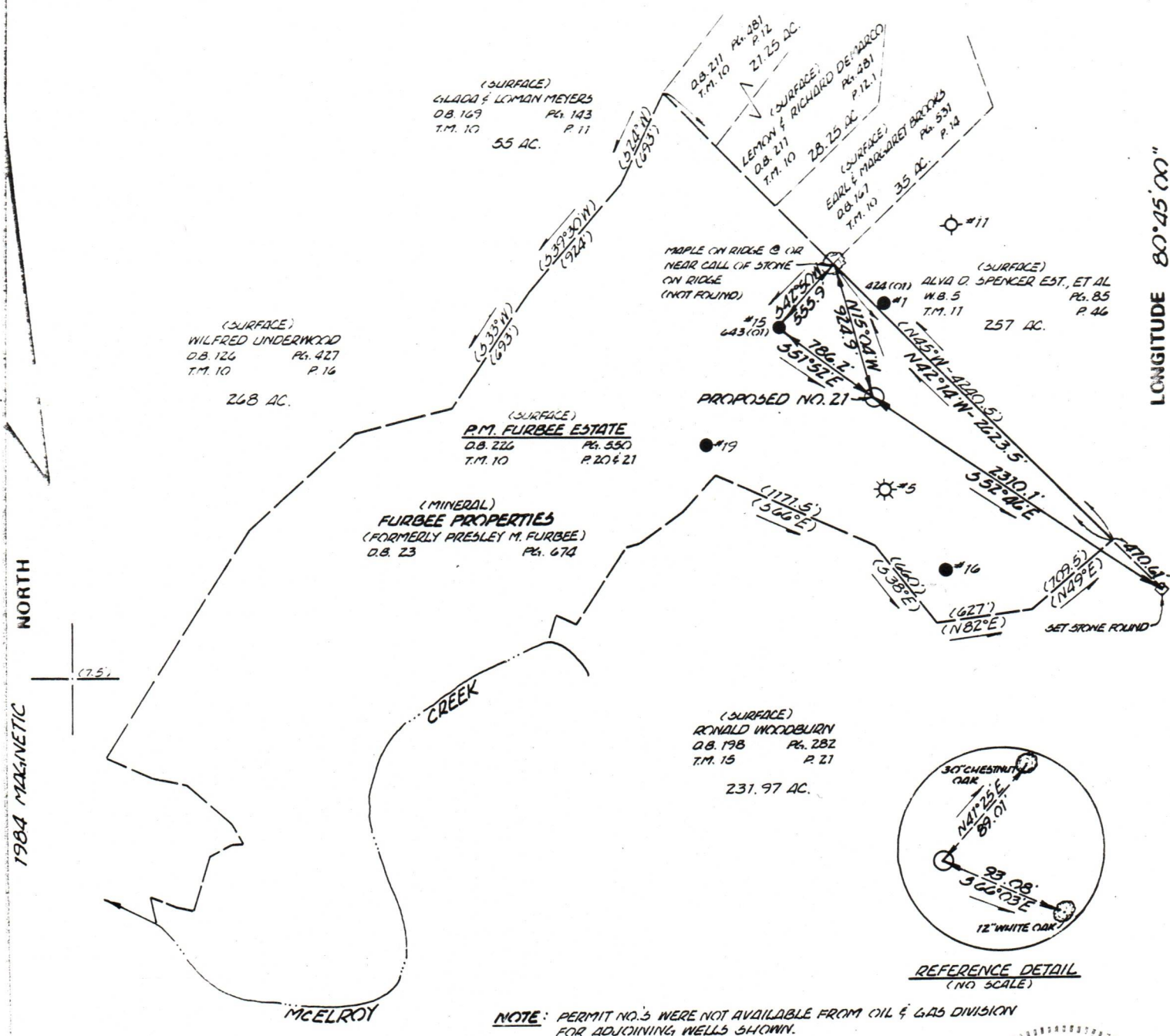
T. H. B. B.  
Administrator-Oil & Gas Division

June 10, 1985

DATE



NOTE: BEARINGS & DISTANCES IN ( ) ARE DEED BEARINGS & DISTANCES.

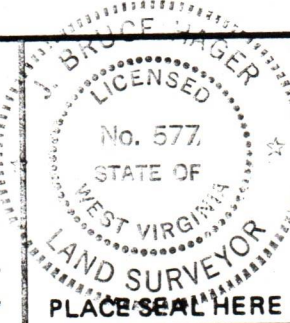


NOTE: PERMIT NO.'S WERE NOT AVAILABLE FROM OIL & GAS DIVISION FOR ADJOINING WELLS SHOWN.

FILE NO. 84(X)-23  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1' IN 2000'  
 PROVEN SOURCE OF ELEVATION EXISTING WELL - ALVA D. SPENCER, ET AL NO. 23  
EL.: 1084

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) J. Bruce Hager  
 R.P.E. \_\_\_\_\_ L.L.B. 577



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



DATE APRIL 17, 19 84  
 OPERATOR'S WELL NO. P.M. FURBEE NO. 21  
 API WELL NO. \_\_\_\_\_  
47 095 - 1077  
 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 1087.2' WATER SHED MCELROY CREEK OF MIDDLE ISLAND CREEK  
 DISTRICT MCELROY COUNTY TYLER  
 QUADRANGLE SHIRLEY  
 SURFACE OWNER P.M. FURBEE ESTATE ACREAGE 63.58  
 OIL & GAS ROYALTY OWNER FURBEE PROPERTIES LEASE ACREAGE 300  
 LEASE NO. 12/22/2023  
 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 BIG INJUN ESTIMATED DEPTH 2272'  
 WELL OPERATOR QUAKER STATE OIL REF. CORP. DESIGNATED AGENT CARL J. CARLSON  
 ADDRESS P.O. BOX 1327 ADDRESS P.O. BOX 1327  
PARKERSBURG, W.V. 26101 PARKERSBURG, W.V. 26101