



1) Date: March 23, 1984  
 2) Operator's Well No. C. STRICKLAND UNIT #2  
 3) API Well No. 47 -039- 4020  
 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 \_\_\_\_\_)
- 5) LOCATION: Elevation: 1169.6 Watershed: Wills Creek of Little Sandy Creek  
 District: Big Sandy County: Kanawha Quadrangle: Kettle
- 6) WELL OPERATOR OUAKER STATE OIL REFG. 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 Jerry Holcomb Name Clint Hurt & Assoc.  
 Address Route #1, Box 28 Address Box 388  
Hamlin, WV 25523 Elkview, WV 25071
- 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, Weir
- 12) Estimated depth of completed well, 2530 feet
- 13) Approximate trata depths: Fresh, 570 feet; salt, 1425 feet.
- 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes \_\_\_\_\_ / No  /
- 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		
Conductor									Kinds
Fresh water	8 5/8	H-40	20	X		600-570	600-570	cts	NEAT
Coal or	7	H-40	17	X					Sizes
Intermediate									
Production	4 1/2	J-55	9.5	X		2530	2530	1450	or as req by rule
Tubing	2	J	4.5	X		2380	2380	--	15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-039-4020

Date April 17, 1984 19

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 April 17, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <u>mw</u>	Casing: <u>mw</u>	Fee: <u>105.22</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) GEOLOGICAL TARGET FORMATION: \_\_\_\_\_

2) ESTIMATED DEPTH OF COMPLETED WELL: \_\_\_\_\_

3) APPROXIMATE TRAP DEPTH: \_\_\_\_\_

4) APPROXIMATE COST: \_\_\_\_\_

5) CASING AND LUBING PROGRAM: \_\_\_\_\_

6) WELL OPERATOR: \_\_\_\_\_

7) LOCATION: \_\_\_\_\_

8) OIL & GAS INSPECTOR TO BE NOTIFIED: \_\_\_\_\_

9) PROPOSED WELL WORK: \_\_\_\_\_

10) OTHER PHYSICAL CHANGES IN WELL DEPTH: \_\_\_\_\_

11) PLUG OIL OR FORMATION: \_\_\_\_\_

12) STIMULATE:

Casing or Tubing Type	SPC	Date	Per H.	ESTRIFICATIONS		For drilling	Casing	General Bitum.	Partners
				Yes	No				
...	...	...	...	...	...	...	...	...	...

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: \_\_\_\_\_

Agent	Plan	Casing	For
✓	✓	✓	✓

1) Date: February 27, 1984  
2) Operator's  
Well No. C. STRICKLAND UNIT #2  
3) API Well No. 47 -039-4020  
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 Cecil C. Strickland  
Address P.O. Box 397  
Clendenin, WV 25045  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR N/A  
Address \_\_\_\_\_  
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name N/A  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
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

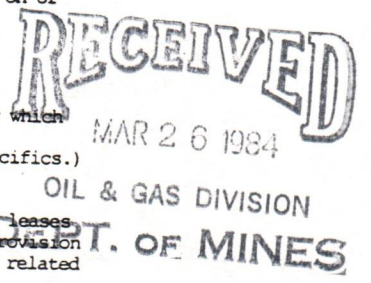
Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

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

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  
Patricia Moore  
this 27 day of February, 1984.  
My commission expires 11/14, 1985.  
Notary Public, Washington County,  
State of Ohio

WELL  
OPERATOR QUAKER STATE OIL REFINING CORPORATION  
By Carl J. Carlson  
Its District Production Manager  
Address P.O. Box 1327  
Parkersburg, WV 26101  
Telephone (614) 423-9543

02/16/2024

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.

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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



02/16/2024

FEB. 27 1984



IV-9  
(Rev 8-81)

DATE FEB. 20, 1984  
WELL NO. STRICKLAND UNIT NO. 2  
API NO. 47 - 039 - 4020  
Revised Plan

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME QUAKER STATE OIL REF. CORP. DESIGNATED AGENT CARL J. CARLSON  
Address P.O. BOX 1327 PARKERSBURG, W.V. 26101 Address P.O. BOX 1327 PARKERSBURG, W.V. 26101  
Telephone (614) 423-9543 (304) 965-1118 Telephone (614) 423-9543  
LANDOWNER JACOB A. STRICKLAND HEIRS SOIL CONS. DISTRICT CAPITOL  
Revegetation to be carried out by CARL J. CARLSON (Agent)

This plan has been reviewed by CAPITOL SCD. All corrections and additions become a part of this plan: MAR. 8 1984

R. C. Alford  
(Date)  
(SCD Agent)

RECEIVED  
MAR 26 1984

ACCESS ROAD		LOCATION	
Structure <u>DRAINAGE DITCH</u> (A)		Structure <u>DRILL PIT</u>	OIL & GAS DIVISION DEPT. OF MINES
Spacing <u>AS NEEDED</u>		Material <u>SOIL</u>	
Page Ref. Manual <u>2-12, 2-14 &amp; 2-15</u>		Page Ref. Manual _____	
Structure <u>CROSS DRAINS</u> (B)		Structure <u>TOPSOIL STORAGE</u> (2)	
Spacing <u>60' @ 13%, 51' @ 18% &amp; 45' @ 20%</u>		Material <u>EXIST. TOPSOIL</u>	
Page Ref. Manual <u>2-4</u>		Page Ref. Manual _____	
Structure _____ (C)		Structure <u>Diversion Ditch</u> (3)	
Spacing _____		Material <u>Earthen</u>	
Page Ref. Manual _____		Page Ref. Manual <u>2-12 + 2-13</u>	

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 <u>3</u> Tons/acre	or correct to pH <u>6.5</u>	Lime <u>3</u> Tons/acre	or correct to pH <u>6.5</u>
Fertilizer <u>500</u> lbs/acre	(10-20-20 or equivalent)	Fertilizer <u>500</u> lbs/acre	(10-20-20 or equivalent)
Mulch <u>PAPER @ 3/4 OR</u> Tons/acre	<u>WAY OR STRAW @ 2</u>	Mulch <u>PAPER @ 3/4 OR</u> Tons/acre	<u>WAY OR STRAW @ 2</u>
Seed* <u>ORCHARD GRASS @ 12</u> lbs/acre		Seed* <u>ORCHARD GRASS @ 12</u> lbs/acre	
<u>LADINO CLOVER @ 3</u> lbs/acre		<u>LADINO CLOVER @ 3</u> lbs/acre	
	lbs/acre		lbs/acre

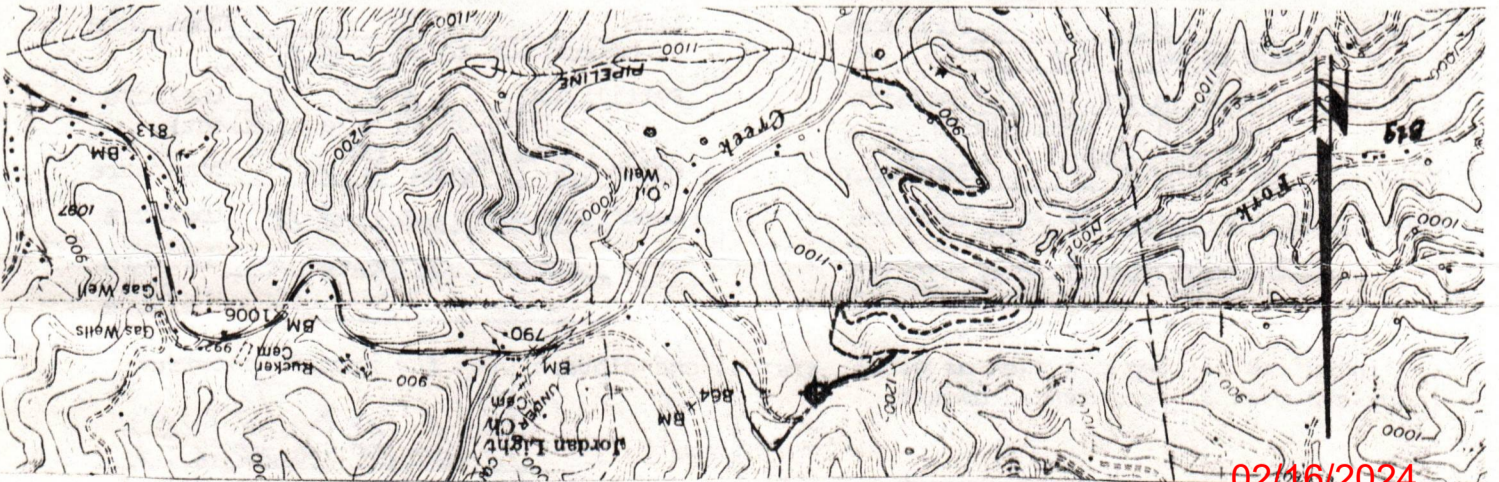
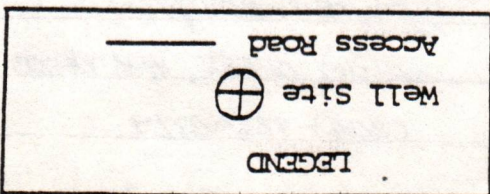
\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY J. BRUCE HAGER  
ADDRESS ROUTE 1, BOX 172  
ALUM CREEK, W.V. 25003  
PHONE NO. (304) 722-0729

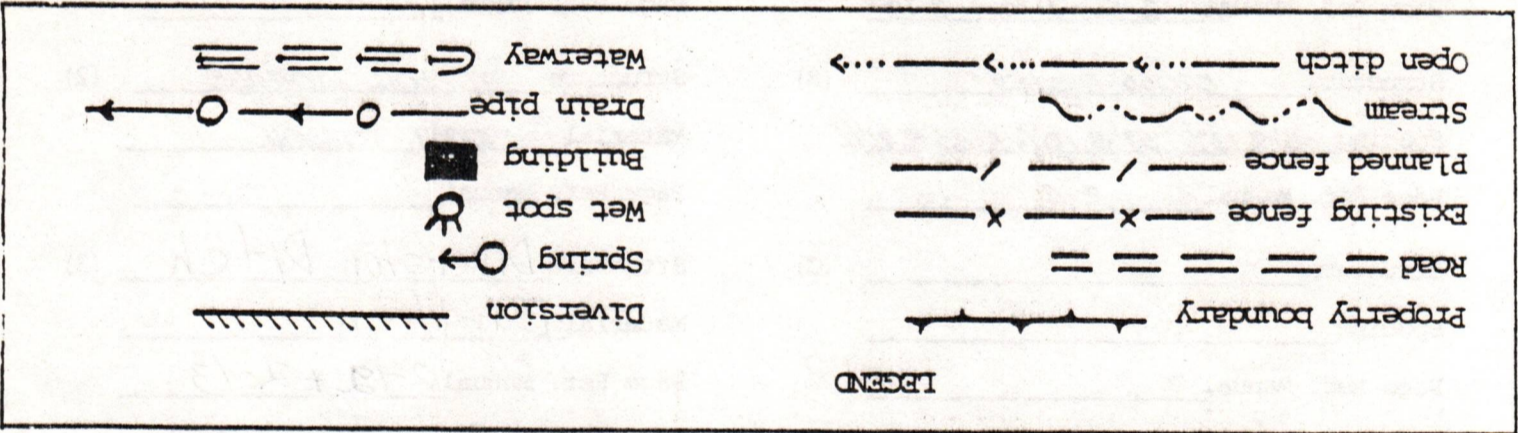
02/16/2024

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

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

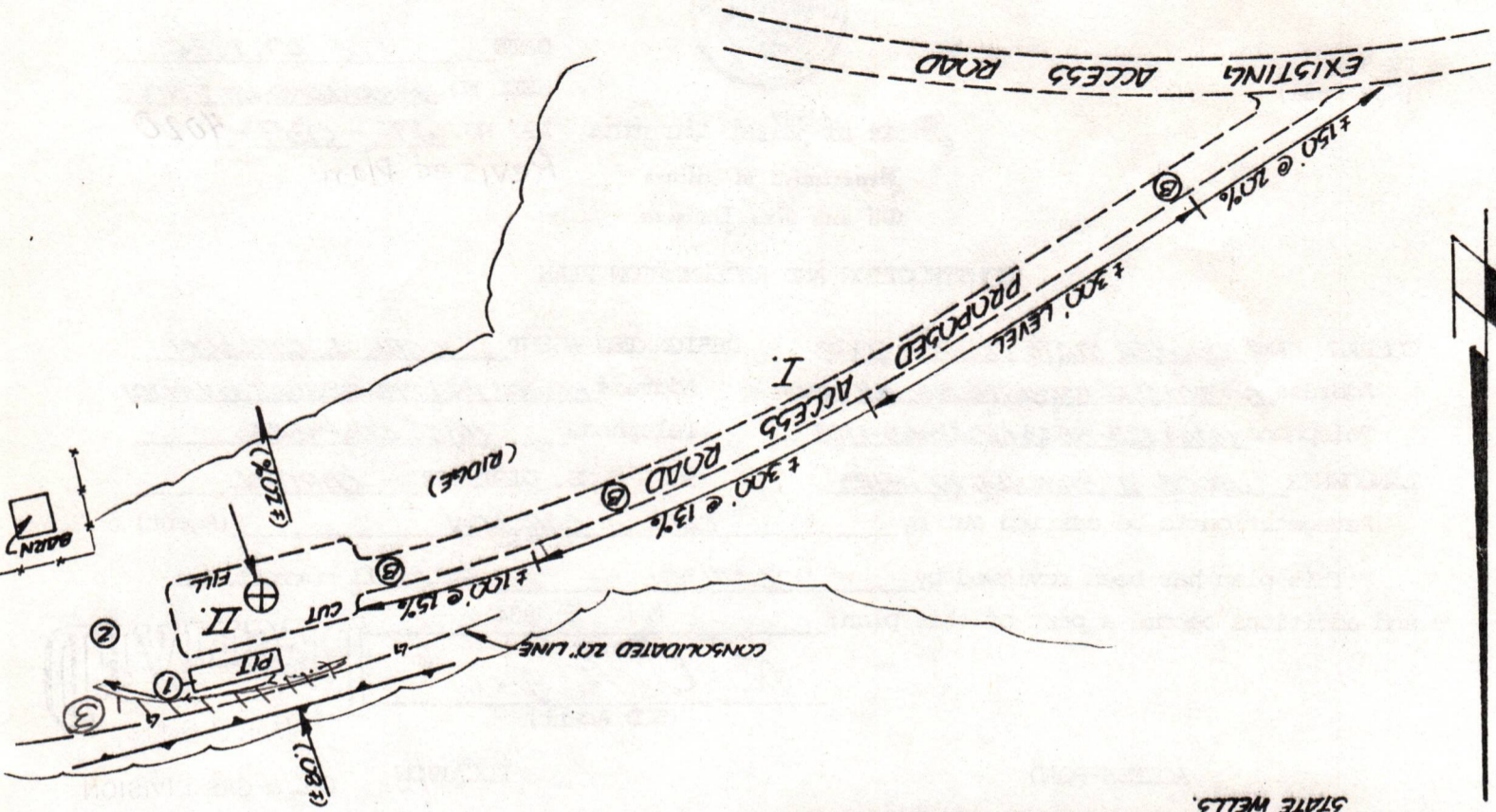


Sketch to include well location, existing access road, roads to be constructed, well sites, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.



PROPOSED STRICKLAND UNIT NO. 2

NOTE: THE EXIST. ACCESS ROAD HAS BEEN PERMITTED CONSTRUCTION & IS BEING RECLAIMED IN ACCORDANCE WITH PREVIOUSLY APPROVED CONSTRUCTION & RECLAMATION PLANS FOR ADJOINING QUADRANGLE STATE WELLS.



$\pm 8200'$  EXISTING ACCESS ROAD

$\pm 850'$  PROPOSED ACCESS ROAD

$\pm 9650'$  TOTAL ACCESS ROAD

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF W. Va.,  
COUNTY OF Wayne:

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

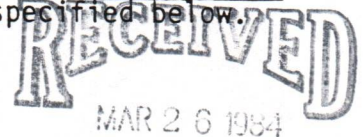
- (1) Notice on Form IV-2(A)  / Form IV-3(A) / Form IV-4(A) /
- (2) Application on Form IV-2(B)  / Form IV-3(B) / Form IV-4(B) /
- (3) Plat showing the well location on Form IV-6, and
- (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)

--all with respect to operator's Well No. C. Strickland #2 located in Big Sandy District, Wayne County, West Virginia, upon the person or organization named--

Cecil C. Strickland

--by delivering the same in Wayne County, State of W. Va. on the 13th day of March, 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:

Handing it to \_\_\_\_\_, 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 \_\_\_\_\_.

Dwight H. Perkins  
(Signature of person executing service)

Taken, subscribed and sworn before me this 13 day of March, 1984.  
My commission expires Aug 23, 1984.

D. H. Fouse  
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)



1) Date: March 23, 1984  
 2) Operator's Well No. C. STRICKLAND UNIT #2  
 3) API Well No. 47 State -039- 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 \_\_\_\_\_)
- 5) LOCATION: Elevation: 1169.6 Watershed: Wills Creek of Little Sandy Creek  
 District: Big Sandy County: Kanawha Quadrangle: Kettle
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 Address P.O. Box 1327 Address P.O. Box 1327  
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- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Jerry Holcomb Name Clint Hurt & Assoc.  
 Address Route #1, Box 28 Address Box 388  
Hamlin, WV 25523 Elkview, WV 25071
- 10) PROPOSED WELL WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Simulate \_\_\_\_\_  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Weir  
 12) Estimated depth of completed well, 2530 feet  
 13) Approximate trata depths: Fresh, 570 feet; salt, 1425 feet. OIL & GAS DIVISION  
 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes \_\_\_\_\_ / No

**RECEIVED**  
 MAR 26 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>5/8</u>	<u>H-40</u>	<u>20</u>	<input checked="" type="checkbox"/>		<u>570</u>	<u>570</u>	<u>cts</u>		
Coal	<u>7</u>	<u>H-40</u>	<u>17</u>	<input checked="" type="checkbox"/>						
Intermediate										
Production	<u>1/2</u>	<u>J-55</u>	<u>9.5</u>	<input checked="" type="checkbox"/>		<u>2530</u>	<u>2530</u>	<u>1450</u>		Depths set
Tubing	<u>2</u>	<u>J</u>	<u>4.5</u>	<input checked="" type="checkbox"/>		<u>2380</u>	<u>2380</u>	<u>--</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: \_\_\_\_\_  
 By \_\_\_\_\_  
 Its \_\_\_\_\_ Date \_\_\_\_\_

Cecil C. Strickland Date: 3-13-84  
 (Signature)  
 \_\_\_\_\_ Date: \_\_\_\_\_  
 (Signature)



**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.

02/16/2024

Surface Owner

## EXHIBIT "A"

ITEM 22.1 - EXTRACTION RIGHTS  
CODE 22-4-11 (C)

59 ACRES Big Sandy DISTRICT Kanawha COUNTY, WV

Bounded as follows:

on the North by Thompson & J.R. Young Hrs.  
 on the East by M.M. Campbell Hrs. & L.B. Schartz etal  
 on the South by Lawrence Strickland Hrs. & others  
 on the West by Walter & Facemyers Hrs.

Lessors & Address	Percent OGM Royalty Interest (of 1/8ths)	Recording	
		BK	PG
Cecil C. Strickland P.O. Box 397 Clendenin, WV 25045	Proportioned part of 1/8 roy.	214	652
Oreda R. Strickland etux 878 Lower Wills Creek Rd. Elkview, WV 25071	same	214	652
Norma L. Withrow etvir 833 Upper Wills Creek Rd Elkview, WV 25071	same	214	652
Rheba C. Strickland etvir 5838 Elk River Rd Elkview, WV 25071	same	214	652
Leon Strickland etux Rt. #6 Box 274 C Charleston, WV 25311	same	214	652
Maomi Samples etvir 6422 Shannon Dr. Hamilton, OH 45011	same	214	676
Bertha M. Strickland 898 Lower Wills Creek Rd. Elkview, WV 25071	same	214	658
Ralph S. Stickland etux 415 Thorofare Rd Clendenin, WV 25045	same	214	658
Delmar L. Strickland etux 11 Hood Dr. Ripley, WV 25271	same	214	751
French O. Strickland etux 400 Longford Dr. Elgin, IL 60120	same	214	751

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MAR 26 1984

OIL &amp; GAS DIVISION

DEPT. OF MINES

02/16/2024

WELL NAME & NO. \_\_\_\_\_

API#: 47- 039 \_\_\_\_\_

FORM 21 - EXTRACTION RIGHTS

CODE 22-4-11 (C)

ACRES \_\_\_\_\_

DISTRICT \_\_\_\_\_

COUNTY, WV \_\_\_\_\_

Bounded as follows:

on the North by \_\_\_\_\_

on the East by \_\_\_\_\_

on the South by \_\_\_\_\_

on the West by \_\_\_\_\_

Lessors & Address	Percent OGM Royalty Interest (of 1/8ths)	Recording	
		BK	PG
Douglas Samples etux 2747 E. Hampton Way Fresno, CA 93726	same	214	650
Rema S. Carnes 106 Ovington Ave. Edison, NJ 08817	same	215	656
Blanch S. Humphrey etvir 5160 Russet Dr. Charleston, WV 25313	same	215	523
Omajean Smith etvir 908 Edgewood Dr. Charleston, WV 25302	same	214	660
Danny Jo Samples etux 930 Glen Way S. Charleston, WV 25303	same	214	660
Nancy Sue Samples 1827 1/2 Bigley Ave. Charleston, WV 25302	same	214	660
Romey E. Strickland etux P.O. Box 187 Lady Lake, FL 32659	same	214	654
Mark C. Strickland etux 5426 Elk River Rd. Elview, WV 25071	same	214	654
Frances Highland Etvir 5426 Elk River Rd. Elkview, WV 25071	same	214	654
Cora Atkinson Frame Rd. Elkview, WV 25071	same	214	654
Ava Blackwell Hometown, WV 25109	same	214	654

02/16/2024

# Affidavit of Publication

No. \_\_\_\_\_

STATE OF WEST VIRGINIA,

Kanawha County, to-wit:

I, Teresa Edwards of the

Sunday Gazette-Mail  Charleston Gazette, a daily Democratic newspaper  Daily Mail, a daily Republican newspaper, published in

the City of Charleston, Kanawha County, West Virginia, do solemnly swear that the annexed notice of oil & gas well work

was duly published in said paper once a week for two successive weeks commencing with the issue of the 12th

day of March, 1984, and ending with the issue of the 19th day of March, 1984, and was posted

at the front door of the Court House of said Kanawha County, West Virginia, on the 13th day of March, 1984

Dates Published: 03-12-84, 03-19-84

Teresa Edwards

Subscribed and sworn to before me this 19th day of March, 1984

Sandra Miller

Notary Public of Kanawha County, West Virginia

My Commission expires Oct. 28, 1991

Printer's Fee \$ 75.47

ACCT-7

**RECEIVED**  
MAR 26 1984

OIL & GAS DIVISION  
DEPT. OF MINES

02/16/2024

OIL AND GAS  
WELL WORK  
PERMIT APPLICATION  
NOTICE BY  
PUBLICATION  
TO THE PERSON(S) IDENTIFIED AS FOLLOWS:

Leon Strickland and Mary K. Strickland; Romey E. Strickland and Lois E. Strickland; Cecil C. Strickland; Cora Atkinson and Robert E. Atkinson; Ava Blackwell; Bertha M. Strickland; Delmar L. Strickland and Fay E. Strickland; Nancy Sue Samples; Douglas Samples; Danny Joe Samples and Frances J. Samples; Frances Highland and Warner Highland; Omajean Smith and C. Harold Smith; Blanch J. Humphreys and Robert J. Humphreys; Rema S. Carnes; Naomi Samples and James R. Samples; Mark C. Strickland and Betty Charlotte H. Strickland; Orda S. Strickland and Heien M. Strickland; Norma L. Withrow and Lewis J. Withrow; Rheba C. Tinsley and George H. Tinsley; Giles Strickland and Betty H. Strickland; French O. Strickland and Betty Strickland; Ralph S. Strickland and Edna N. Strickland.

Pursuant to West Virginia Code § 22-4-1k, notice is hereby given that the undersigned well operator-applicant proposes to file a Notice of and an Application for a Well Work Permit, a plat or map showing the well location, and a Construction and Reclamation Plan with the Administrator of the Office of Oil and Gas of the West Virginia Department of Mines, with respect to a well on the surface of a tract of land described as follows:

Acres: 59, more or less  
Watershed: Wills Creek of Little Sandy Creek  
District: Big Sandy  
County: Kanawha

Public road access: W. Va. Sec. Route No. 53  
Generally used farm name: Strickland

The well work for which a permit is sought is generally described as follows:

Drilling or other well work on an oil and gas well

This notice has been published because there are more than three surface owners of record of the above tract. This publication may be the only notice the surface owners of record will receive.

Pursuant to West Virginia Code § 22-4-1m, any owner of record of the surface of the tract on which the well is or is to be located, and any owner of record of any other surface tract overlying the oil and gas leasehold being developed which will be utilized for roads or other land disturbance as described in the Construction and Reclamation Plan, has the right to file comments to the application within 15 days after the filing of the Application. The Application may be filed on or after 10 days from the first day of publication of this notice.

Copies of this Notice and Application and accompanying documents may be obtained from the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, 1613 Washington Street East, Charleston, WV 25311 (Phone, 348-2057).

WELL OPERATOR-APPLICANT—QUAKER STATE OIL REFINING CORPORATION

ADDRESS—Post Office Box 1327, Parkersburg, West Virginia 26102

TELEPHONE—614/423-9543 (1735)

Department of Mines

Division of Fuel

Office of the Director

Washington, D.C.

1911

1911

*Handwritten signature*

DEPT. OF MINES  
Division of Fuel

02/16/2024

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OCT 29 1984



IV-35 (Rev 8-81)

OIL & GAS DIVISION State of West Virginia DEPT. OF MINES Department of Mines Oil and Gas Division

Date October 26, 1984 Operator's Well No. #2 Farm C. STRICKLAND UNIT API No. 47 - 039 - 4020

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

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

LOCATION: Elevation: 1169 G.L. Watershed Wills Creek lf Little Sandy Creek District: Big Sandy County Kanawha Quadrangle Kettle 7.5'

COMPANY QUIAKER STATE OIL REFINING CORPORATION

ADDRESS P.O. Box 1327; Parkersburg, WV 26101

DESIGNATED AGENT Carl J. Carlson

ADDRESS P.O. Box 1327; Parkersburg, WV 26101

SURFACE OWNER Cecil C. Strickland

ADDRESS P.O. Box 397; Clendenin, WV 25045

MINERAL RIGHTS OWNER Jacob A. Strickland Heirs

ADDRESS c/o Cecil C. Strickland, et al

OIL AND GAS INSPECTOR FOR THIS WORK

Rodney Dillon ADDRESS P.O. Box 30; Scarbro, WV 25917

PERMIT ISSUED April 17, 1984

DRILLING COMMENCED May 05, 1984

DRILLING COMPLETED May 06, 1984

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

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8 (601'), 7, 5 1/2, 4 1/2 (2254'), 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Big Injun Depth 2156 - 2202 feet

Depth of completed well 2298 feet Rotary XX / Cable Tools

Water strata depth: Fresh N/A feet; Salt 1430 feet

Coal seam depths: N/A Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 2156 - 2202 feet

Gas: Initial open flow --- Mcf/d Oil: Initial open flow --- Bbl/d

Final open flow 14 Mcf/d Final open flow 9 Bbl/d

Time of open flow between initial and final tests -- hours

Static rock pressure -- psig (surface measurement) after -- hours shut in

(If applicable due to multiple completion--)

02/16/2024

Second producing formation N/A 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)

KAN 4020

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

Perforated from 2156 - 2185 with 30 shots.

Frac'd with 405 Bbls water; 16,000# 10/20 sand. Breakdown @ 2000 PSI. Treating pressure @ 2350 PSI. Avg. rate 36.8 BPM. ISIP 1390 PSI.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sandstone			0	73	
Shale			73	161	
Sandstone			161	268	
Shale and sandstone			268	1430	
Salt Sands			1430	1848	
Shale			1848	1870	
Sandstone			1870	1888	
Shale			1888	1918	
Sandstone			1918	1957	
Little Lime			1957	1994	
Pencil Cave			1994	1998	
Big Lime			1998	2156	
Big Injun			2156	2202	
Shale and siltstone			2202	2298	L.T.D.

(Attach separate sheets as necessary)

QUAKER STATE OIL REFINING CORPORATION

Well Operator

By: Michael C. Brannock 02/16/2024  
Michael C. Brannock,  
Senior Geologist

Date: October 25, 1984

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 29 1984

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.  
Address P.O. Box 1327  
Parkersburg, WV 26101

DESIGNATED AGENT Carl J. Carlson  
Address P.O. Box 1327  
Parkersburg, WV 26101

GEOLOGICAL TARGET FORMATION: Big Injun Depth 2156 - 2202' feet  
Perforation Interval 2156 - 2185' 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 °API		PRODUCING METHOD (Flowing, pumping, gas lift, etc.)		

GAS PRODUCTION			
MEASUREMENT METHOD FLANGE TAP <input type="checkbox"/> PIPE TAP <input type="checkbox"/> L-10 <input type="checkbox"/>		POSITIVE CHOKE 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 9 bbls.	DAILY WATER 13.5 bbls.	DAILY GAS 14 Mcf.	GAS-OIL RATIO 1550 SCF/STE

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

02/16/2024



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

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MAY 14 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 039-4020

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

Company <u>Quaker State</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			
Address <u>PARKERSBURG, WV</u>	16			Kind of Packer _____
Farm <u>CECIL STRICKLAND</u>	13			
Well No. <u># 2</u>	10			Size of _____
District <u>Big Sandy</u> County <u>KAN.</u>	8 1/4			Depth set _____
Drilling commenced _____	6 5/8			
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 Clint Hurt Rig 3

Remarks: Drilling on fluid at 1230 ft.

5/4/84

DATE

Rod Dill

02/16/2024  
DISTRICT WELL INSPECTOR

Form 26  
2/16/82

**STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION  
INSPECTOR'S PLUGGING REPORT**

**RECEIVED**  
MAY 1 1982  
OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner		Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

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

Remarks:

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

DATE

DISTRICT WELL INSPECTOR

02/16/2024

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

RECEIVED  
SEP 4 - 1984

OIL & GAS DIVISION

DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4020

Oil or Gas Well Oil  
(KIND)

Company Quaker State  
 Address Parkersburg  
 Farm Cecil Strickland  
 Well No. #2  
 District Big Sandy County Kan.  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer
16			
13			
10			Size of
8 1/4			
6 3/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 NAME OF SERVICE COMPANY \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

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

Remarks: Most of location has been reclaimed  
Needs more work and to be seeded

8/29/84  
DATE

Rod Wilson  
02/16/2024



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JUN 19 1985

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

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

**FINAL INSPECTION REPORT**  
**INSPECTORS COMPLIANCE REPORT**  
 November 19, 1984

COMPANY Quaker State Oil Refg. Co.  
P. O. Box 1327  
Parkersburg, West Virginia 26101

PERMIT NO 039-4020 (4-17-84)  
 FARM & WELL NO Cecil Strickland #2  
 DIST. & COUNTY Big Sandy/Kanawha

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 Carlos W. Haisley  
 DATE 6-17-85

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

July 1, 1985  
 DATE

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

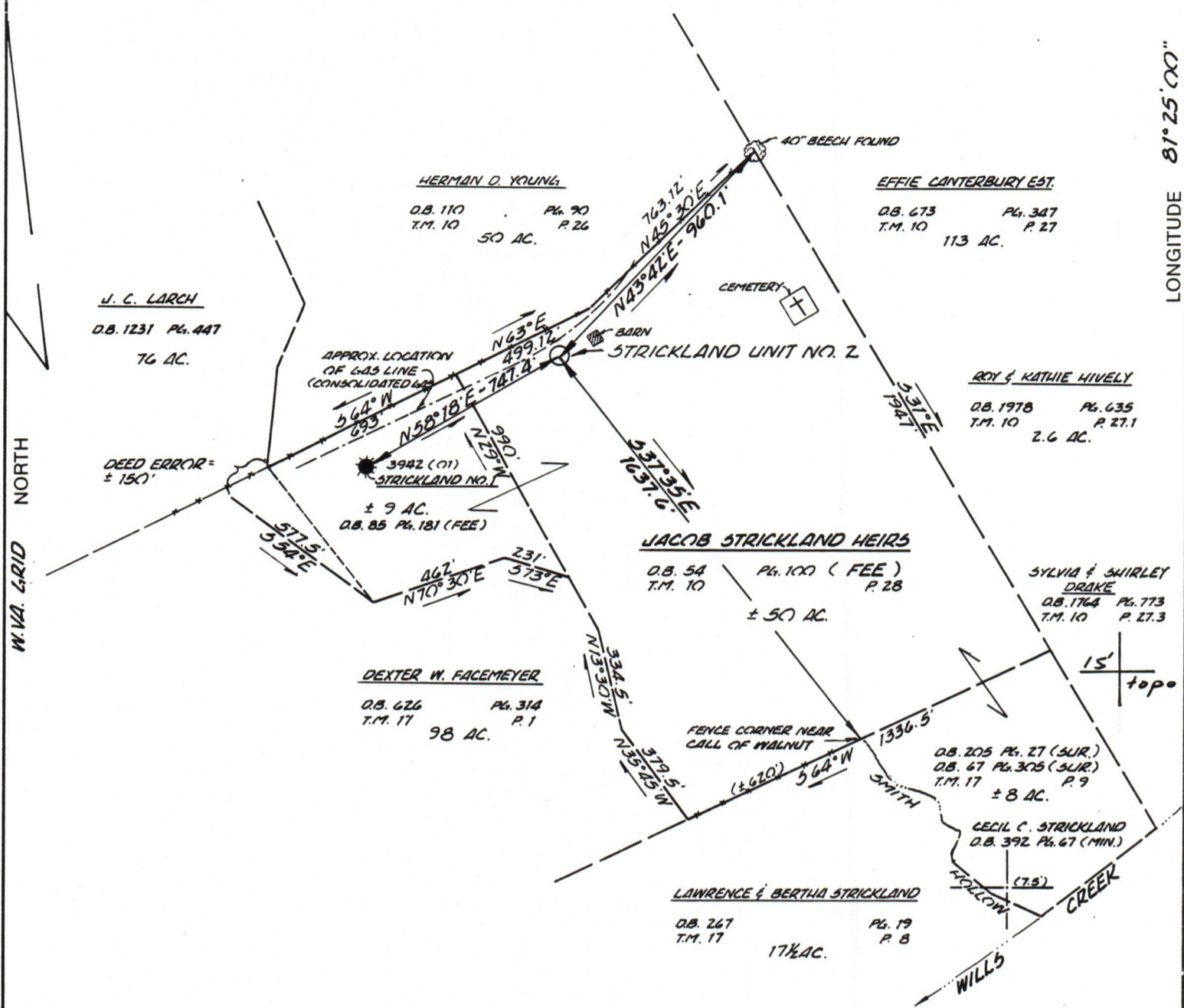
LATITUDE 38° 32' 30"

2350' W

PROPOSED WELL CO-ORD.

N 547412.67 E 1878363.10

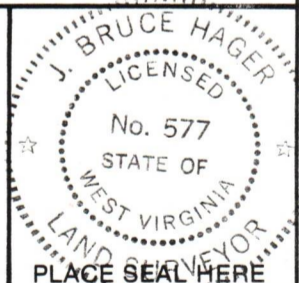
W.V. SPC., SOUTH ZONE



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 8400-03  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1' IN 2000'  
 PROVEN SOURCE OF ELEVATION W.V.D.O.H. METAL DISC @ C.S. 759+73.43, 1-79, EL. 812.7

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.S. 577



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



DATE JAN. 13, 19 84  
 OPERATOR'S WELL NO. STRICKLAND UNIT NO. 2  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 1169.6 WATER SHED WILLS CREEK OF LITTLE SANDY CREEK  
 DISTRICT BIG SANDY COUNTY KANAWHA  
 QUADRANGLE KETTLE 7.5'  
 SURFACE OWNER JACOB A. STRICKLAND HEIRS ACREAGE 67  
 OIL & GAS ROYALTY OWNER JACOB A. STRICKLAND HEIRS LEASE ACREAGE 67  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION WEIR ESTIMATED DEPTH 2530  
 WELL OPERATOR QUAKER STATE OIL REF. CORP. DESIGNATED AGENT CARL J. CARLSON  
 ADDRESS P.O. BOX 1327, PARKERSBURG, W.V. 26101 ADDRESS P.O. BOX 1327 PARKERSBURG, W.V. 26101

COUNTY NAME PERMIT