

FILE COPY

RECEIVED
JUN 1 2 1984



1) Date: May 21, 19 84
2) Operator's Well No. ROBERTSON UNIT #1
3) API Well No. 47 - 039- 4035
State County Permit

OIL & GAS DIVISION
DEPT. OF MINES
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: 835.2 Watershed: WILLS CREEK OF LITTLE SANDY CREEK (KE9)
District: BIG SANDY County: KANAWHA Quadrangle: BLUE CREEK 7.5'
- 6) WELL OPERATOR QUAKER STATE RESOURCES CORP. DESIGNATED AGENT CARL J. CARLSON
Address P.O. BOX 1327 Address PO BOX 1327
PARKERSBURG, WV 26101 PARKERSBURG, WV 26101
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name RODNEY G. DILLON
Address P.O. BOX 7
WILLIAMSTOWN, WV 26187 (304) 375-3747
- 9) DRILLING CONTRACTOR: Name CLINT HURT & ASSOC.
Address BOX 388
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, BIG INJUN
- 12) Estimated depth of completed well, 1967' feet
- 13) Approximate strata depths: Fresh, 215' feet; salt, 1142' feet.
- 14) Approximate coal seam depths: NONE Is coal being mined in the area? Yes
- 15) CASING AND TUBING PROGRAM

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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		265'	265'	c.t.s. Neat	
Coal									Sizes
Intermediate									
Production	4 1/2	J-55	9.5	X		1967'	1967'	1200' or as req. by rule 15.0	
Tubing	2	J	4.5	X		1817'	1817'		
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-039-4035 Date June 21, 19 84

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. June 21, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <u>LD</u>	Plat: <u>MU</u>	Casing: <u>MU</u>	Fee: <u>1099.</u>
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[Signature]

Administrator, Office of Oil and Gas

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



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OIL & GAS DIVISION
DEPT. OF MINES

OFFICE USE ONLY

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

1) Date: _____

2) Operator: _____

3) Well No: _____

4) API Well No: _____

5) State: _____

6) County: _____

7) District: _____

8) Location: _____

9) Well Operator: _____

10) Oil & Gas Inspector: _____

11) Proposed Well Work: _____

12) Estimated depth of completed well: _____

13) Approximate true depth: _____

14) Approximate coal seam depths: _____

Casing or Tubing Type	Size	Grade	Weight per ft	Spiralities		Tensile	Torsion	Tubing	Cement	Cement	Cement
				Per ft	Per ft						
Conductor	8 5/8	E-40	20	X							
Production											

OFFICE USE ONLY

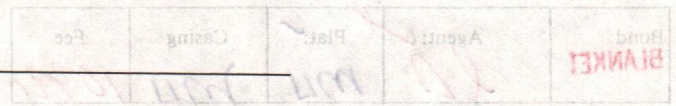
This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

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

OTHER INSPECTIONS

Reason: _____

Reason: _____



02/09/2024

1) Date: May 21, 1984
2) Operator's Well No. ROBERTSON UNIT #1
3) API Well No. 47 -039-4035
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 Gertrude Huffman
Address 111 Elk River Road, South Clendenin, WV 25045
- (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.

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OIL & GAS DIVISION
DEPT. OF MINES

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 21st day of May, 1984.
My commission expires 11/14, 1985.

Patricia Moore
Notary Public, Washington County,
State of Ohio

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

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

02/09/2024

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.

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"



MAY 22 1984



IV-9
(Rev 8-81)

DATE MAY 3, 1984
WELL NO. ROBERTSON UNIT NO. 1
API NO. 47 - 039 - 4035

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME QUAKER STATE RESOURCES 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 GERTRUDE HUFFMAN 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: MAY 23 1984 (Date)

R. C. Alford
(SCD Agent)

"SEE ATTACHED COMMENTS"

ACCESS ROAD
Structure 12" C.M.P. CULVERT (A)
Spacing AS SHOWN ON PLAN
Page Ref. Manual 2-7, 2-8
Structure DRAINAGE DITCH (B)
Spacing AS NEEDED
Page Ref. Manual 2-12 - 2-14
Structure CROSS DRAINS (C)
Spacing 3 - 64' @ 14%, 2 - 80' @ 10%
Page Ref. Manual 2-1, 2-4

LOCATION
Structure DRILL PIT (1)
Material SOIL
Page Ref. Manual N/A
Structure TOPSOIL STORAGE (2)
Material EXIST. TOPSOIL
Page Ref. Manual N/A
Structure DRAINAGE DITCH (3)
Material AS NEEDED
Page Ref. Manual 2-12 - 2-14

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DEPT. OF MINES

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

REVEGETATION

Treatment Area I
Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 5(X) lbs/acre
(10-20-20 or equivalent)
Mulch PAPER @ 3/4 OR HAY OR STRAW @ 2 Tons/acre
Seed* KY. 31 FESCUE @ 5(X) lbs/acre

lbs/acre

lbs/acre

Treatment Area II
Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 5(X) lbs/acre
(10-20-20 or equivalent)
Mulch PAPER @ 3/4 OR HAY OR STRAW @ 2 Tons/acre
Seed* KY. 31 FESCUE @ 5(X) lbs/acre

lbs/acre

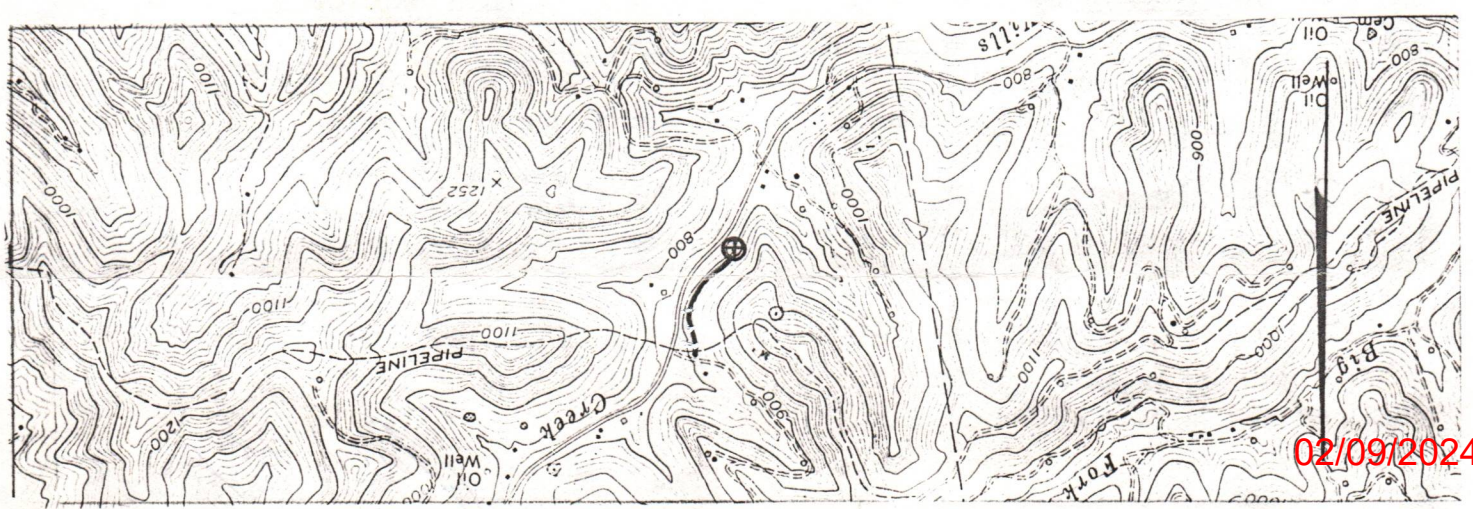
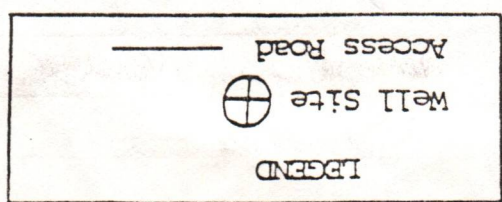
lbs/acre

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

PLAN PREPARED BY Bruce Hager 02/09/2024
BRUCE HAGER, L.L.S.
ADDRESS ROUTE 1, BOX 172
ALUM CREEK, W.V. 25003
PHONE NO. (304) 722-4729

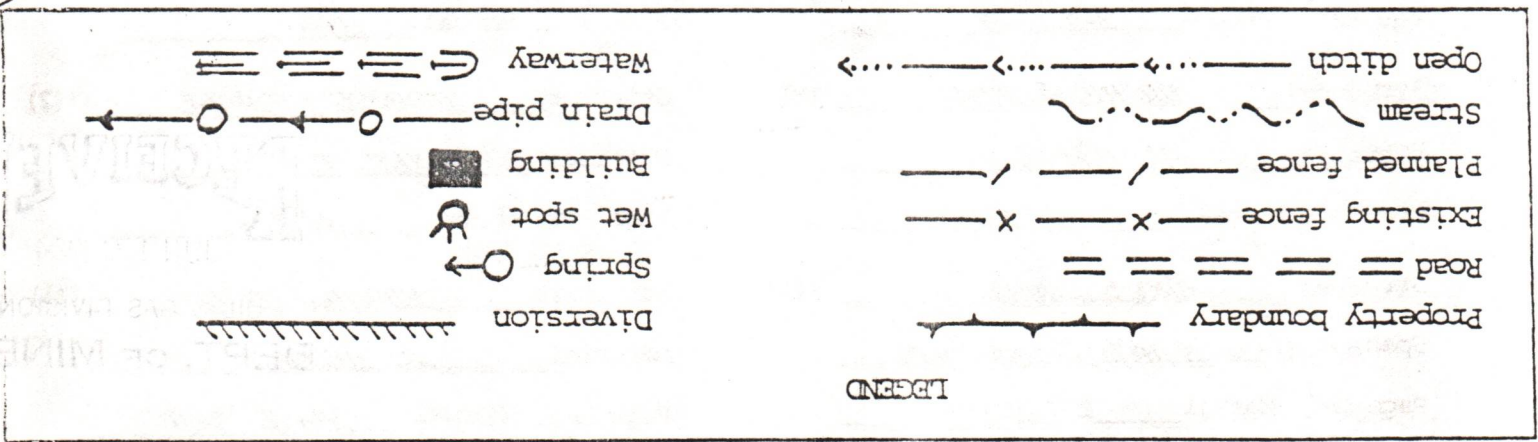
NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE BLUE CREEK 7.5.

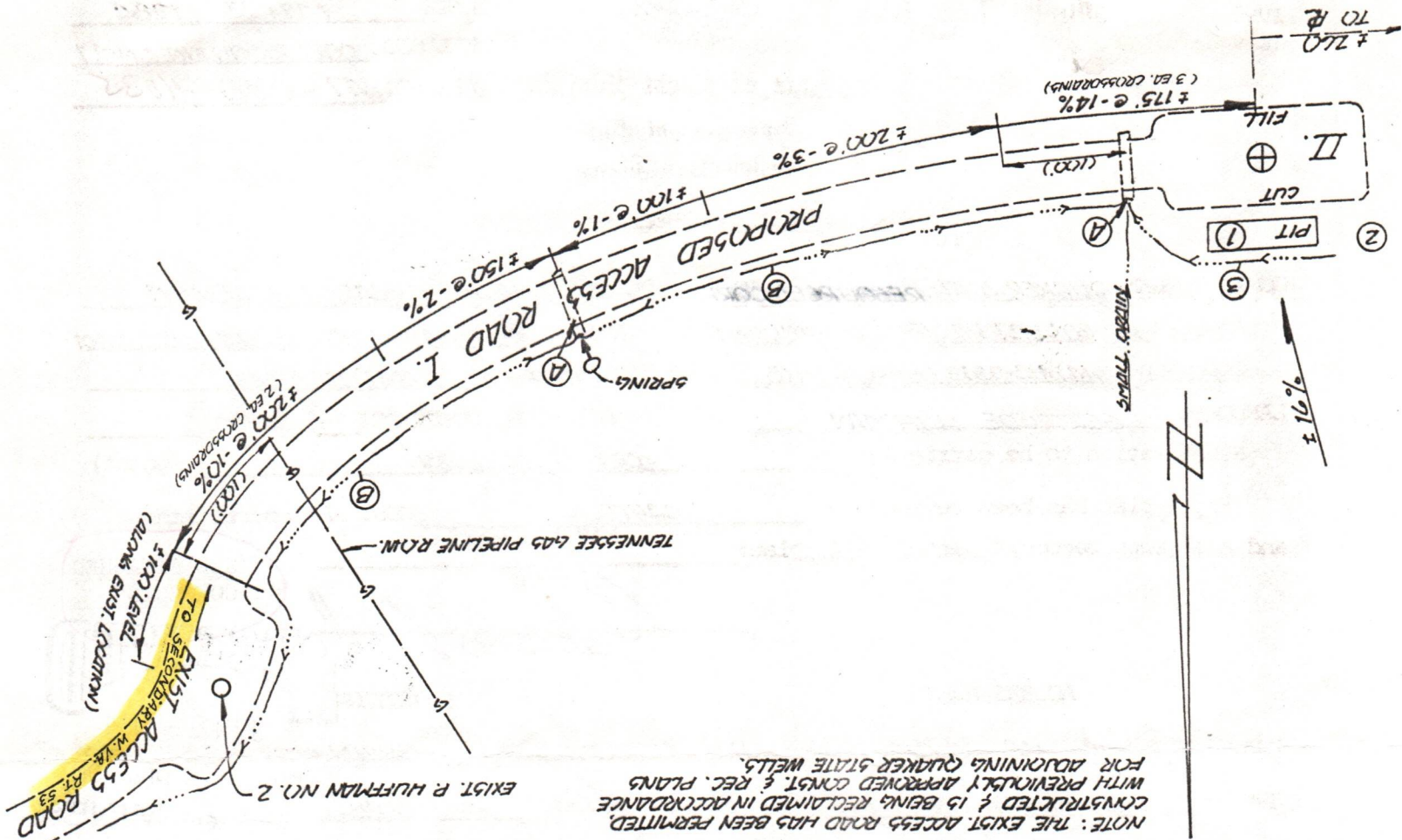


Sketch to include well location, existing access road, roads to be constructed, well sites, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

WELL SITE PLAN



NOTE: THE EXIST. ACCESS ROAD HAS BEEN PERMITTED, CONSTRUCTED & IS BEING RECLAIMED IN ACCORDANCE WITH PREVIOUSLY APPROVED CONST. & REC. PLANS FOR ADJOINING QUAKER STATE WELLS.



$\pm 825'$ PROPOSED ACCESS ROAD

$\pm 625'$ EXIST. ACCESS ROAD

$\pm 1450'$ TOTAL ACCESS ROAD

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF W. Va.,
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. Robertson Unit #1 located in Big Sandy District, Kanawha County, West Virginia, upon the person or organization named--

Gertrude Hoffman and Everett Hoffman

RECEIVED

--by delivering the same in Kanawha County, State of W. Va. on the 30th day of May, 1984 in the manner specified below.

JUN 6 - 1984
OIL & GAS DIVISION
DEPT. OF MINES

[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 .

David B. Robinson
(Signature of person executing service)

Taken, subscribed and sworn before me this 4th day of June, 1984.
My commission expires April 24, 1991.

William C. Polard
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)



1) Date: May 21, 19 84
 2) Operator's Well No. ROBERTSON UNIT #1
 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 X / Gas _____
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____)
 5) LOCATION: Elevation: 835.2 Watershed: WILLS CREEK OF LITTLE SANDY CREEK
 District: BIG SANDY County: KANAWHA Quadrangle: BLUE CREEK 7.5'
 6) WELL OPERATOR QUAKER STATE RESOURCES CORP 7) DESIGNATED AGENT CARL J. CARLSON
 Address P.O. BOX 1327 Address PO BOX 1327
PARKERSBURG, WV 26101 PARKERSBURG, WV 26101
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name RODNEY G. DILLON Name CLINT HURT & ASSOC.
 Address P.O. BOX 7 Address BOX 388
WILLIAMSTOWN, WV 26187 (304) 375-3747 ELKVIEW, WV 25071
 10) PROPOSED WELL WORK: Drill X / 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, 1967' feet
 13) Approximate trata depths: Fresh, 215' feet; salt, 1142' feet.
 14) Approximate coal seam depths: NONE Is coal being mined in the area? Yes _____

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		
Conductor								Kinds
Fresh water	<u>8 5/8</u>	<u>H-40</u>	<u>20</u>	<u>X</u>		<u>265'</u>	<u>265'</u>	<u>c.t.s. Neat</u>
Coal								Sizes
Intermediate								
Production	<u>4 1/2</u>	<u>J-55</u>	<u>9.5</u>	<u>X</u>		<u>1967'</u>	<u>1967'</u>	<u>1200'</u>
Tubing	<u>2</u>	<u>J</u>	<u>4.5</u>	<u>X</u>		<u>1817'</u>	<u>1817'</u>	
Liners								Perforations:
								Top Bottom

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 OIL & GAS DIVISION
 DEPT. OF MINES

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 _____

Gertrude Huffman Date: 5-30-84
 (Signature)
Everett Huffman Date: 5-30-84
 (Signature)

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GEOLOGICAL DEPT

02/09/2024
 Surface Owner

**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.

ITEM #21 - EXTRACTION RIGHTS
CODE 22-4-11 (C)

58.5 ACRES Big Sandy DISTRICT Kanawha COUNTY, WV

Bounded as follows:

on the North by W.H. O'Dell, et al

on the East by P. Huffman

on the South by M.F. Shafer

on the West by Roy and Ernie Burdette

Lessors & Address	Percent OGM Royalty Interest (of 1/8ths)	Recording	
		BK	PG
Thomas W. Robertson, et ux 305 Hacienda Village Winter Springs, FL 32708	proportionate part 1/8 royalty	221	333
Columbia Gas Transmission Corp. P.O. Box 1273 Charleston, W.Va. 25325	" " "	Unrecorded	instrument
Genevieve K. Facemyer 191 St. Rt. 2, Box 303 New Martinsville, WV 26155	" " "	220	727
Phoebe Huffman, et vir 888 Wills Creek Rd. Elkview, WV 25071	" " "	219	54
Gertrude Huffman, et vir 111 Elk River Rd. Clendenin, WV 25045	" " "	219	46
Lucy Douglas, et vir 888 Wills Creek Rd. Elkview, WV 25071	" " "	220	674
Shelby Hizer, et vir P. O. Box 177 Spencer, W. Va. 25276	" " "	220	682
Edith Facemyer P. O. Box 445 Clendenin, W.Va. 25045	" " "	220	678

02/09/2024

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OIL & GAS DIVISION
DEPT. OF MINES

RECEIVED

OCT 22 1984



IV-35
(Rev 8-81)

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

Date OCTOBER 12, 1984
Operator's
Well No. ROBERTSON UNIT #1
Farm THOMAS W. ROBERTSON
API No. 47 - 039 - 4035

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: 835.2 Watershed WILLS CREEK OF LITTLE SANDY RUN
District: BIG SANDY County KANAWHA Quadrangle BLUE CREEK

COMPANY QUAKER STATE 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 GERTRUDE HUFFMAN

ADDRESS 111 ELK RIVER RD. S; CLENDENIN, WV 25045

MINERAL RIGHTS OWNER THOMAS W. ROBERTSON, et al

ADDRESS 305 HACIENDA VILLAGE; WINTER PARK, FL 32789

OIL AND GAS INSPECTOR FOR THIS WORK

RODNEY DILLON ADDRESS BOX 30, SCARBRO, WV 25917

PERMIT ISSUED JUNE 21, 1984

DRILLING COMMENCED 6/29/84

DRILLING COMPLETED 7/02/84

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

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13-10"			
9 5/8			
8 5/8	270'	270'	110 SX
7			
5 1/2			
4 1/2	1949'	1949'	150 SX
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION BIG INJUN Depth 1826 feet

Depth of completed well 1962' feet Rotary XX / Cable Tools

Water strata depth: Fresh N/A feet; Salt 1150 feet

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

OPEN FLOW DATA

Producing formation BIG INJUN Pay zone depth 1827-1864 feet

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

Final open flow 21 Mcf/d Final open flow 14 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--)

02/09/2024

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)

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

PERFORATED FROM 1827 - 1864' WITH 38 SHOTS.

FRAC'D WITH 500 GAL. 15% HCL; 160 SX 10/20 SAND; 360 BBLs WATER.
BREAKDOWN @ 2000 PSI. TREATED @ 2132 PSI. AVG. RATE 35.5 BPM;
ISIP @ 1610 PSI.

8/14/84

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 & SHALE			0	280	
SILT & SHALE			280	402	
SAND			402	508	
SILT & SHALE			508	656	
SAND			656	754	
SILT & SHALE			754	948	
SAND			948	1010	
SILT & SHALE			1010	1150	
SALT SANDS			1150	1492	SALT WATER
SILT & SHALE			1492	1582	
SAND			1582	1624	
LITTLE LIME			1624	1664	
PENCIL CAVE			1674	1680	
BIG LIME			1680	1826	
BIG INJUN			1826	1864	
SILT & SHALE			1864	1962	T.D.

(Attach separate sheets as necessary)

QUAKER STATE OIL REFINING CORPORATION

Well Operator

MICHAEL C. BRANNOCK, SR. GEOLOGIST

By: Michael C. Brannock 02/09/2024

Date: OCTOBER 12, 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."

[08-78]

RECEIVED
OCT 22 1984

Operator's
Well No. Robertson Unit #1
API Well No. 47 - 039 - 4035
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 1826 - 1864 feet
Perforation Interval 1827 - 1864 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 14 bbls.	DAILY WATER 21 bbls.	DAILY GAS 21 Mcf.	GAS-OIL RATIO 1500 SCF/STB

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

02/09/2024

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

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INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES
(KIND)

Permit No. 039-4035

Company <u>Quaker State</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Parkces Burg</u>	Size			
Farm <u>Huffman</u>	16			Kind of Packer
Well No. <u>Robertson #1</u>	13			
District <u>Big Sandy</u> County <u>KAN</u>	10			Size of
Drilling commenced	8 1/4			
Drilling completed	6 5/8			Depth set
Date shot	5 3/16			
Depth of shot	3			Perf. top
Initial open flow	2			Perf. bottom
/10ths Water in	Liners Used			Perf. top
Inch				Perf. bottom
Open flow after tubing				
/10ths Merc. in				
Inch				
Volume	CASING CEMENTED	SIZE	No. FT.	Date
Cu. Ft.				
Rock pressure	NAME OF SERVICE COMPANY			
lbs.				
hrs.	COAL WAS ENCOUNTERED AT			
Oil				FEEET INCHES
bbls., 1st 24 hrs.				
Fresh water				FEEET INCHES
feet				
feet				FEEET INCHES
Salt water				
feet				FEEET INCHES
feet				

Drillers' Names Clint Hart Rig #3

Remarks: Run 270 ft. 8-5/8 casing
Cement with 125 sacks class A cement
Cement to surface

6/30/84
DATE

Lod Williams
DISTRICT WELL INSPECTOR
02/09/2024

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

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SEP 4 - 1984

INSPECTOR'S WELL REPORT
OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 039-4035

Oil or Gas Well Oil
(KIND)

Company <u>Quaker State</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address <u>PARKERSBURG</u>	Size		
Farm <u>Huffman</u>	16			Kind of Packer
Well No. <u>Robertson # 1</u>	13			
District <u>Big Sandy</u> County <u>Kan.</u>	10			Size of
Drilling commenced	8 1/4			
Drilling completed	6 3/8			Depth set
Date shot	5 3/16			
Depth of shot	3			Perf. top
Initial open flow	2			Perf. bottom
/10ths Water in	Liners Used			Perf. top
Inch				Perf. bottom
Open flow after tubing				
/10ths Merc. in				
Inch				
Volume	CASING CEMENTED	SIZE	No. FT.	Date
Cu. Ft.	NAME OF SERVICE COMPANY			
Rock pressure	COAL WAS ENCOUNTERED AT			
lbs.	FEET			
hrs.	INCHES			
Oil	FEET			
bbls., 1st 24 hrs.	INCHES			
Fresh water	FEET			
feet	INCHES			
feet	FEET			
Salt water	INCHES			
feet	FEET			
feet	INCHES			

Drillers' Names _____

Remarks: COMPANY HAS NOT STARTED RECLAIMING AT THIS TIME

8/29/84
DATE

Rod Dillon 02/09/2024

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

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SEP 24 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4035

Oil or Gas Well Oil
(KIND)

Company <u>Quaker State</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>PARKERSBURG</u>	Size			
Farm <u>Huffman</u>	16			Kind of Packer
Well No. <u>Robertson Unit # 1</u>	13			
District <u>Big Sandy</u> County <u>Kan</u>	10			Size of
Drilling commenced	8 1/4			
Drilling completed	6%			Depth set
Date shot	5 3/16			
Depth of shot	3			Perf. top
Initial open flow	2			Perf. bottom
/10ths Water in	Liners Used			Perf. top
Inch				Perf. bottom
Open flow after tubing				
/10ths Merc. in				
Inch				
Volume	CASING CEMENTED	SIZE	No. FT.	Date
Cu. Ft.				
Rock pressure	NAME OF SERVICE COMPANY			
lbs.				
hrs.				
Oil	COAL WAS ENCOUNTERED AT			
bbls., 1st 24 hrs.				FEEET INCHES
Fresh water				FEEET INCHES
feet				FEEET INCHES
feet				FEEET INCHES
Salt water				FEEET INCHES
feet				FEEET INCHES
feet				

Drillers' Names

Remarks: Reclaiming Location

9-19-84
DATE

Paul D. [Signature]
02/09/2024
SECRETARY

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

INSPECTOR'S WELL REPORT

Permit No. 039-4035

Oil or Gas Well Oil
(KIND)

Company <u>Quaker State</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>PARKERS BURY</u>	Size			
Farm <u>Gertrude HUFFMAN</u>	16			Kind of Packer
Well No. <u>ROBERTSON Unit # 1</u>	13			
District <u>Big Sandy</u> County <u>KAN.</u>	10			Size of
Drilling commenced <u>6-29-84</u>	8 1/4			
Drilling completed _____ Total depth _____	6 5/8	RECEIVED OCT 9 1984 OIL & GAS DIVISION DEPT. OF MINES		Depth set
Date shot _____ Depth of shot _____	5 3/16			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top
Volume _____ Cu. Ft.	Liners Used			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 _____

Remarks: LOCATION & ROAD RECLAIMED & SEEDDED
SEEDDED BY CAPITOL SCD
CAN BE RELEASED WHEN I GET FINAL FROM OFFICE

10/3/84
DATE

Rod Wilton
DISTRICT WELL INSPECTOR
02/09/2024



RECEIVED
JUN 19 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 Refining Corp.
P. O. Box 1327
Parkersburg, West Virginia 26101

PERMIT NO 039-4035 (6-21-84)
FARM & WELL NO Gertrude Huffman
Robertson #1
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:

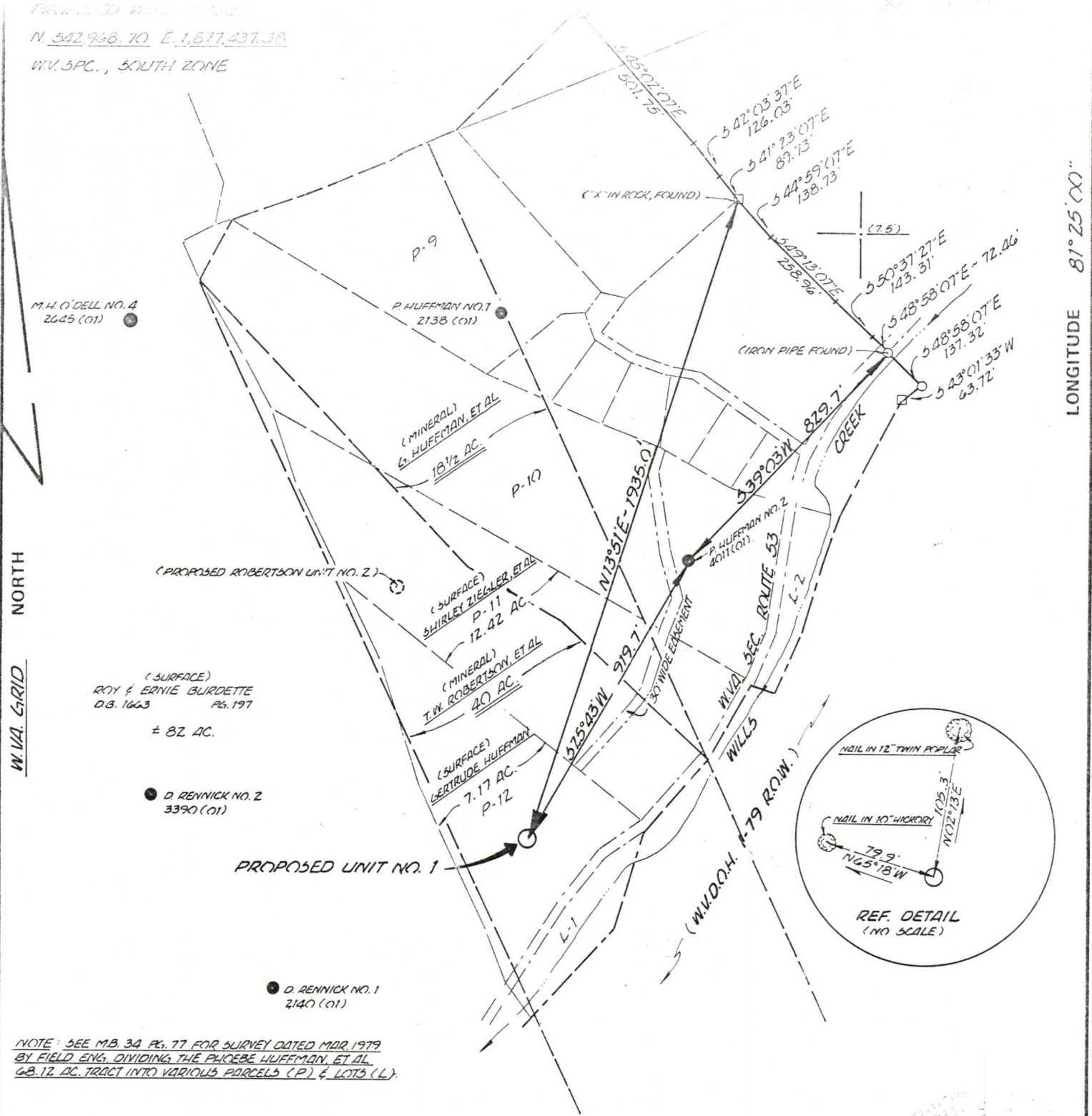
SIGNED Carlos W. Hively
DATE 6-12-85

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. v. B.
Administrator-Oil & Gas Division

July 1, 1985
DATE

PROPOSED WELL NO. 1
 N. 542,968.70 E. 1,877,437.38
 W.V. 3PC., SOUTH ZONE



NOTE: SEE M.B. 34 PG. 77 FOR SURVEY DATED MAR. 1979 BY FIELD ENG. DIVIDING THE PLACEBE HUFFEMAN, ET AL 68.12 AC. TRACT INTO VARIOUS PARCELS (P.) & LOTS (L.)

FILE NO. BACK-24
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1' IN 2000'
 PROVEN SOURCE OF ELEVATION W.V.D.C.H. METAL DISC @ C.S. 759 + 73.43 ; 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) Bruce Hager
 R.P.E. _____ L.L.S. 577

STATE OF WEST VIRGINIA
 LAND SURVEYOR
 PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE MAY 1, 19 84
 OPERATOR'S WELL NO. ROBERTSON UNIT NO. 1
 API WELL NO. 47 - 039 - 4035
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 835.2' WATER SHED WILLS CREEK OF LITTLE SANDY CREEK
 DISTRICT BIG SANDY COUNTY KANAWHA
 QUADRANGLE BLUE CREEK 7.5'
 SURFACE OWNER GERTRUDE HUFFEMAN ACREAGE 7.17
 OIL & GAS ROYALTY OWNER T.W. ROBERTSON, ET AL LEASE ACREAGE 58 1/2
 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) _____

02/09/2024

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION BIG INJUN ESTIMATED DEPTH 1967'
 WELL OPERATOR QUAKER STATE RESOURCES CORP. DESIGNATED AGENT CARL J. CARLSON
 ADDRESS P.O. BOX 1327 ADDRESS P.O. BOX 1327

FORM IV-6 (8-78)