



1) Date: February 29, 1984
 2) Operator's Well No. P. HUFFMAN #2
 3) API Well No. 47 -039- 4011
 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: 846.6 Watershed: Wills Creek of Little Sandy Creek
 District: Big Sandy County: Kanawha Quadrangle: Blue Creek
- 6) WELL OPERATOR QUAKER 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 RODNEY G. DILLON Name Clint Hurt & Associates
 Address Box 28, Route 1 Address Box 388
Hamlin, WV 25523 375-3747 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, 1973 feet
- 13) Approximate trata depths: Fresh, 247 feet; salt, 1188 feet.
- 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes / No
- 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		<u>277250</u>	<u>277250</u>	cts	<u>BY RULE 15.05</u>
Coal or	7	H-40	17	X					Sizes
Intermediate									
Production	4 1/2	J-55	9.5	X		1973	1973	1200'	<u>OR AS REQ.</u>
Tubing	2	J	4.5	X		1823	1823	--	<u>BY RULE 15.01</u>
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-039-4011 Date April 4, 1984

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

Bond: <u>BLANKET</u>	Agent: <u>Lo</u>	Plat: <u>MA</u>	Casing: <u>MA</u>	Fee: <u>10395</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) WELL LOCATION: Elevation: _____ District: _____

2) WELL OPERATOR: _____ Address: _____

3) DESIGNATED AGENT: _____ Address: _____

4) DRILLING CONTRACTOR: _____ Address: _____

5) PROPOSED WELL WORK: _____

6) GEOLOGICAL TARGET FORMATION: _____

7) Estimated depth of completed well: _____ feet

8) Approximate true depth: _____ feet

9) Approximate coal seam depths: _____ feet

10) CASING AND TUBING PROGRAM: _____

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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: _____

Board	Assent	Part	Carry	For
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02/16/2024

1) Date: February 29, 1984
2) Operator's Well No. P. Huffman #2
3) API Well No. 47 -039-4011
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 Timothy J. & Susan M. Nash
Address 886 Wills Creek Road
Elkview, West Virginia 25071

(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 N/A
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.

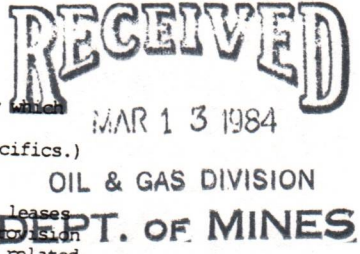
The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Patricia Moore
this 29 day of February, 1984.
My commission expires Nov. 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



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"



JAN 25 1984



IV-9
(Rev 8-81)

DATE JAN 17, 1984
WELL NO. P. HUFFMAN NO. 2
API NO. 47 - 039 - 4011

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, WV, 26101 Address P.O. BOX 1327 PARKERSBURG, WV, 26101
Telephone (614) 423-9543 (304) 965-1118 Telephone (614) 423-9543
LANDOWNER TIMOTHY J. + SUSAN M. NASH 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: FEB. 9 1984 (Date)

R. C. Alford
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>12" C.M.P. ROAD CULVERT</u> (A)	Structure <u>DRILL PIT</u> (1)
Spacing <u>AS SHOWN ON PLAN</u>	Material <u>SOIL</u>
Page Ref. Manual <u>2-7, 2-8</u>	Page Ref. Manual _____
Structure <u>DRAINAGE DITCH</u> (B)	Structure <u>TOPSOIL STORAGE</u> (2)
Spacing <u>AS NEEDED</u>	Material <u>EXISTING TOPSOIL</u>
Page Ref. Manual <u>2-12, 2-14 & 2-15</u>	Page Ref. Manual _____
Structure _____ (C)	Structure _____
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

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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</u> <u>OR HAY OR STRAW @ 2</u> Tons/acre	Mulch <u>PAPER @ 3/4</u> <u>OR HAY OR STRAW @ 2</u> Tons/acre
Seed* <u>KY. 31 FESCUE @ 50</u> lbs/acre	Seed* <u>KY. 31 FESCUE @ 50</u> lbs/acre
_____ lbs/acre	_____ lbs/acre
_____ 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 seeding for one growing season. Attach separate sheets as necessary for comments.

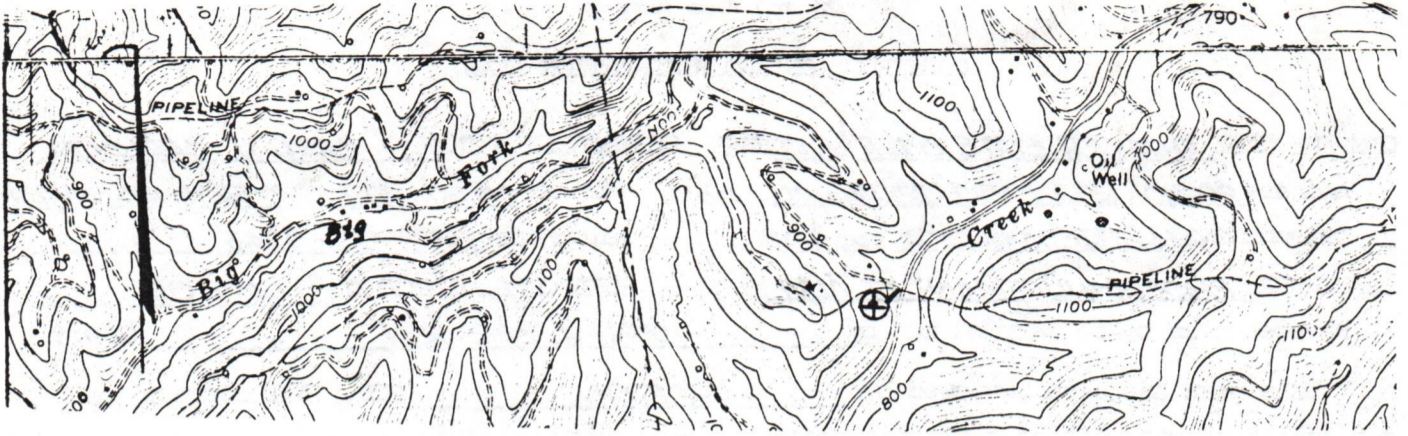
PLAN PREPARED BY Bruce Hager
J. BRUCE HAGER
ADDRESS ROUTE 1, BOX 172
ALLUM CREEK, W.V. 25003
PHONE NO. (304) 722-4729

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

LEGEND

Well Site 












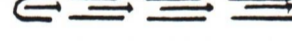
Access Road 



WELL SITE PLAN

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

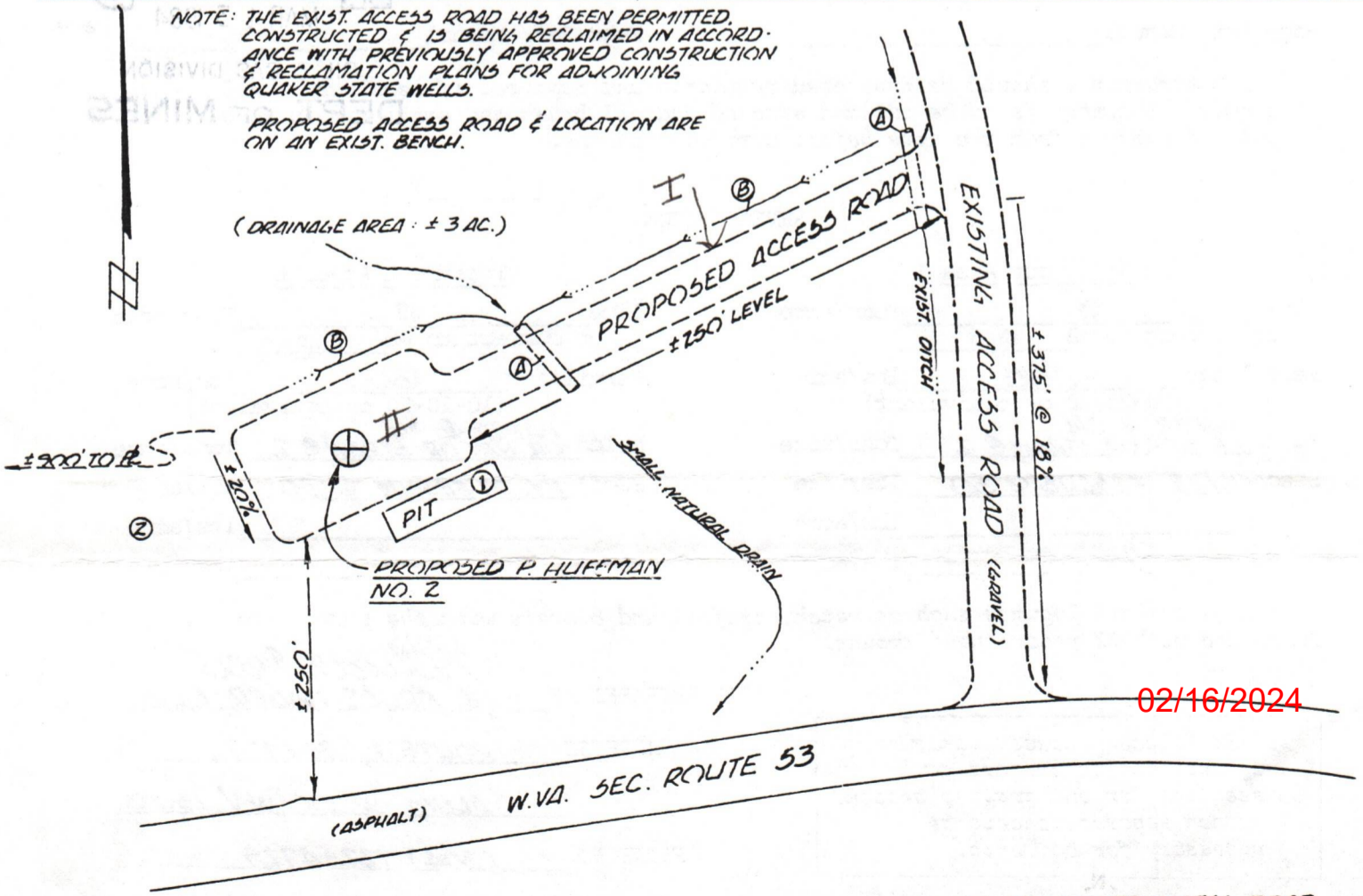
LEGEND

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

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

PROPOSED ACCESS ROAD & LOCATION ARE ON AN EXIST. BENCH.

(DRAINAGE AREA: ± 3 AC.)



02/16/2024

± 250' PROPOSED ACCESS ROAD
 ± 375' EXIST. ACCESS ROAD
 ± 625' TOTAL ACCESS ROAD

DEPT. OF MINES
OIL & GAS DIVISION
MAR 13 1964
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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. P. Hoffman #2 located in Big Sandy District, Kanawha County, West Virginia, upon the person or organization named--

Timothy Nash + Susan Nash

--by delivering the same in Kanawha County, State of W.Va. on the 6th day of March, 1984 in the manner specified below.

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[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. Perkins
(Signature of person executing service)

Taken, subscribed and sworn before me this 14 day of March, 1984.
My commission expires Aug 23, 1984.

Don Holt Ford
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

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FEB 13 1934
OIL & GAS DIVISION
DEPT. OF MINES

02/16/2024

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OCT 25 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 24, 1984 Operator's Well No. #2 Farm P. HUFFMAN API No. 47 - 039 - 4011

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: 846.6' Watershed Wills Creek of Little Sandy Creek District: Big Sandy County Kanawha Quadrangle Blue Creek 7.5'

COMPANY QUAKER 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 Timothy & Susan Nash

ADDRESS 886 Wills Creek Rd; Elkvie, WV 25071

MINERAL RIGHTS OWNER P. Huffman, et al

ADDRESS 388 Wills Creek Rd; Elkvie, WV 25071

OIL AND GAS INSPECTOR FOR THIS WORK

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

PERMIT ISSUED April 04, 1984

DRILLING COMMENCED April 11, 1984

DRILLING COMPLETED April 15, 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, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Big Injun Depth 1840 - 1872 feet

Depth of completed well 1982 feet Rotary XX / Cable Tools

Water strata depth: Fresh N/A feet; Salt 1344 feet

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

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 1839-1869 feet

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

Final open flow 6 Mcf/d Final open flow 4 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)

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

Perforated from 1839 - 1869' with 31 shots.

Frac'd with 395 Bbl water; 290 Bbls fluid; 16,000# 10/20 sand. Breakdown @ 1500 PSI.
Treated @ 1383 PSI. Avg. rate 37.6 BPM.
ISIP @ 1000 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
Surface			0	300	
Shale			300	350	
Silt and sand			350	516	
Shale			516	590	
Silt and shale			590	640	
Sand			640	786	
Shale			786	870	
Sand			870	902	
Shale			902	960	
Silt and shale			960	1166	
Salt sands			1166	1510	Salt water
Silt and shale			1510	1597	
Sand			1597	1666	
Little Lime			1666	1680	
Pencil Cave			1680	1690	
Big Lime			1690	1840	
Big Injun			1840	1872	
Silt and shale			1872	1982	T.D.

(Attach separate sheets as necessary)

QUAKER STATE OIL REFINING CORPORATION
Well Operator

By: Jeffrey W. Hill
Date: October 24, 1984

02/16/2024
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."

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Operator's
Well No. P. HUFFMAN #2

API Well No. 47 - 039 - 4011
State County Permit

OIL & GAS DIVISION
DEPT. OF MINES

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

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 1840 - 1872 feet

Perforation Interval 1839 - 1869 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 <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 4 bbls.	DAILY WATER 6 bbls.	DAILY GAS 6 Mcf.	GAS-OIL RATIO 1500 SCF/STB

QUAKER STATE OIL REFINING CORPORATION
Well Operator

By: 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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APR 16 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES
Oil or Gas Well _____
(KIND)

Permit No. 039-4011

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

Remarks: Move rig rig up
Run 580' of 8 5/8
Cement with 100 sacks of Class A Cement

4/11/84
DATE

Bob Wilton
DISTRICT WELL INSPECTOR

02/16/2024

Form 26
2/16/82

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

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OIL & GAS DIVISION

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

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

APR 16 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4011

Oil or Gas Well _____
(KIND)

Company Address Farm Well No. District Drilling commenced Drilling completed Date shot Initial open flow Open flow after tubing Volume Rock pressure Oil Fresh water Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
<u>Quaker State Oil</u>				
<u>Paraburbsburg WV</u>				
	16			
	13			
<u>Huffman #2</u>	10			Size of
<u>Big Sandy</u> County	8 1/4			
	6 5/8			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 Clint Hurt Rig 3

Remarks: Drilling on fluid 375'

4/12/84
DATE

Red Williams
02/16/2024
DISTRICT WELL INSPECTOR

2/16/82

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

RECEIVED
APR 10 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. 039-4011

Oil or Gas Well OIL
(KIND)

Company Quaker State
 Address Parkersburg
 Farm Nash
 Well No. P. Huffman #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			
16			Kind of Packer
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: Well Pumping
Not Reclaimed At This Time

8/29/84
DATE

Rod Dutton 02/16/2024

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

RECEIVED
SEP 24 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES
Oil or Gas Well 075
(KIND)

Permit No. 039-4011

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

Drillers' Names _____

Remarks: Reclaiming location

9-19-84
DATE

Rod Williams
02/16/2024
DISTRICT MINE INSPECTOR

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

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: _____

DATE _____ I hereby certify I visited the above well on this date.

02/16/2024

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

INSPECTOR'S WELL REPORT

Permit No. 039-4011

Oil or Gas Well Oil
(KIND)

Company Address Farm Well No. District Drilling commenced Drilling completed Date shot Initial open flow Open flow after tubing Volume Rock pressure Oil Fresh water Salt water	CASING AND TUBING Size 16 13 10 8 1/4 6 5/8 5 3/16 3 2 Liners Used	USED IN DRILLING	LEFT IN WELL	PACKERS	
				Kind of Packer	Size of
<u>Quaker State</u>					
<u>PARKERS Bury</u>					
<u>NASH</u>					
<u>P. Huffman #2</u>					
<u>Big Sandy</u> County <u>KAN.</u>					
<u>4-11-84</u>					

RECEIVED
OCT 9 1984
OIL & GAS DIVISION
DEPT. OF MINES

Drillers' Names _____

Remarks: LOCATION & ROAD Reclaimed & Seeded
Seeded By CAPITAL SCD
CAN Be Released When I get FINAL FROM Office

10/3/84

DATE

Lois D. Williams

02/16/2024
DISTRICT WELL INSPECTOR

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

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



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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 13, 1984

COMPANY Quaker State Oil Refining Corp.

PERMIT NO 039-4011 (4-04-84)

P. O. Box 1327

FARM & WELL NO Timothy & Susan Nash
P. Huffman #2

Parkersburg, West Virginia 26101

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 *Carl W. Hardy*

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. B.
Administrator-Oil & Gas Division

July 1, 1985

DATE

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

1.0 API well number: (If not assigned, leave blank. 14 digits.)	<u>47-039-2 4011-14</u>				
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>108</u> Section of NGPA	<u>0</u> Category Code			
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>1869</u> feet				
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>Quaker State Oil Refining Corp.</u> Name <u>P.O. Box 1327</u> Street <u>PARKERSBURG,</u> <u>WV</u> <u>26101</u> City State Zip Code			<u>015540</u> Seller Code	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) (b) For OCS wells:	<u>Big Sandy District</u> Field Name <u>KANAWHA</u> <u>WV</u> County State <u>N/A</u> <u>N/A</u> Area Name Block Number Date of Lease: <u> N/A </u> <u>N/A</u> Mo. Day Yr. OCS Lease Number				
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>P. Huffman #2</u>				
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>Big Injun</u>				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>Columbia Gas Transmission Corp.</u> Name Buyer Code <u>004030</u>				
(b) Date of the contract:	<u>06/20/80</u> Mo. Day Yr.				
(c) Estimated total annual production from the well:	_____ Million Cubic Feet				
		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	_____	_____	_____	_____
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>4.306</u>	_____	_____	<u>4.306</u>
9.0 Person responsible for this application:	<u>SAMUEL F. BARBER</u> <u>District Manager</u> Name Title <u>Samuel F. Barber</u> Signature <u>July 1, 1985</u> <u>(614) 423-9543</u> Date Application is Completed Phone Number				

Agency Use Only
Date Received by Juris. Agency JUL - 3 1985
Date Received by FERC

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)
(Sections 102, 103, 107 and 108)**

GENERAL INSTRUCTIONS

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA.

Complete each appropriate item on the reverse side of this page. The code numbers used in items 4 and 6 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Also enter any additional remarks in the space below. The data reported on this form are not considered to be confidential and will not be treated as such.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 357-8585.

SPECIFIC INSTRUCTIONS

Use the codes in the table below for type of determination in item 2.

Section of NGPA (a)	Category Code (b)	Description (c)
102	1	New OCS lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS lease
103	-	New onshore production well
107	0	Deep (more than 15,000 feet) high-cost gas
107	1	Gas produced from geopressured brine
107	2	Gas produced from coal seams
107	3	Gas produced from Devonian shale
107	5	Production enhancement gas
107	6	New tight formation gas
107	7	Recompletion tight formation gas
108	0	Stripper well
108	1	Stripper well - seasonally affected
108	2	Stripper well - enhanced recovery
108	3	Stripper well - temporary pressure buildup
108	4	Stripper well - protest procedure

Enter the appropriate information regarding other Purchasers/Contracts.

Line No.	Contract Date (Mo, Da, Yr) (a)	Purchaser (b)	Buyer Code (c)
1			
2	-		
3			
4			
5			
6			

Remarks:

JUL 30 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: July 1, 1985 40400
Applicant's Name: Quaker State Oil Ref. Corp.
Address: P.O. Box 1327
PARKERSBURG, W.V. 26101
Gas Purchaser Contract No. 6840
Date of Contract June 20, 1980
(Month, day and year)

AGENCY USE ONLY

WELL DETERMINATION FILE NUMBER
850703 -1080-039-4011
Use Above File Number on all
Communications Relating to This Well

First Purchaser: Columbia Gas Transmission
Address: P.O. Box 1273
(Street or P.O. Box)
CHARLESTON, W.V. 25325
(City) (State) (Zip Code)
FERC Seller Code 015540

Designated Agent: SAMUEL F. BARBER
Address: P.O. Box 1327
PARKERSBURG, W.V. 26101
FERC Buyer Code 004030

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL BE ADDRESSED:

Name: SAMUEL F. BARBER District Manager
(Print) (Title)
Signature: Samuel F. Barber
Address: P.O. Box 1327
(Street or P.O. Box)
PARKERSBURG, W.V. 26101
(City) (State) (Zip Code)
Telephone: (614) 423-9543
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)
NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
 - 102-2 2.5 Mile Test
 - 102-3 1000 Foot Deeper Test
 - 102-4 New Onshore Reservoir
- 103 New Onshore Production Well
 - 103 New Onshore Production Well
- 107 High Cost Natural Gas
 - 107-0 Deep (more than 15,000 feet)
 - 107-1 Geopressured Brine
 - 107-2 Coal Seams
 - 107-3 Devonian Shale
 - 107-5 Production enhancement
 - 107-6 New Tight Formation
 - 107-7 Recompletion Tight Formation

- 108 Stripper Well Natural Gas
 - 108- Stripper Well
 - 108-1 Seasonally Affected
 - 108-2 Enhanced Recovery
 - 108-3 Temporary Pressure Buildup

AGENCY USE ONLY

QUALIFIED
~~June 8/84 - 5/85~~
~~July 6/85 - 7/85~~
02/16/2024

RECEIVED
JUL 3 1985
OIL & GAS DIV.
DEPT. OF MINES

Date Received

Determination Date

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION *Amended-56*

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

August 28
Date: July, 1985

Operator's Well No. P. Huffman #2

API Well No. 47 - 039 - 4011
State County Permit

Well Operator: Quaker State Oil Ref. Corp.

Address: P.O. Box 1327
PARKERSBURG, W.V. 26101

Gas Purchaser: COLUMBIA GAS TRANSMISSION

Address: P.O. Box 1273
CHARLESTON, W.V. 25325

Designated Agent: SAMUEL F. BARBER

Address: P.O. Box 1327
PARKERSBURG, W.V. 26101

Location: Elevation 846.6

Watershed Wills Creek of Little Sandy

Dist. Big Sandy County KANAWHA Quad. Blue Creek
7.5

Gas Purchase Contract No. 6840

Meter Chart Code 805461

Date of Contract 6-20-80

All applicants must complete FERC Form 121, including question No. 2.0 which should state Section 108 of NGPA.

QUALIFICATIONS

1. Rate of Production

a.) What date did the well have first production? July 24, 1984

b.) What are the beginning and ending dates of the 90-day production period?

From MARCH 1, 1985 to JULY 31, 1985. During this 90-day production period, what was the total and average per-day production? The well produced a total of 80 MCF or average 0.87 MCF per day.

2. Maxium Efficient Rate of Flow

The operator must establish that the well produced at its maxium efficient rate of flow by use of one of the following procedures (Check one):

[] a.) If the filing date is more than one year from the date of first production, provide production on IV-39 for twelve months prior to the last day of the 90-day production period (2-1 in item 1). This twelve month period is April 16, 1984 through July 31, 1985 and produced a total of 304 MCF or average .83 per day.

b.) If the well does not have a 12-month history of production; but has recently

produced an average of 60 Mcf or less per production day for the 90-day period (item 1). All available months of production preceding the filing date are shown on Form IV-39.

c.) Will the maximum efficient rate of flow be established by other evidence? _____

3. Dates

a.) List the dates during the production period (including the 90-day production period) which gas was not produced. None

b.) Why was no gas produced on these dates? _____

4. Crude Oil

How much oil did the well produce during the 90-day production period? 149
(total bls)

How much oil per day? 1.62.

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

Accounting - Production records Barkersburg Production Office
Field gauge readings

Describe the search made of any records listed above:

AFFIDAVIT

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

Samuel F. Barber

STATE OF West Virginia

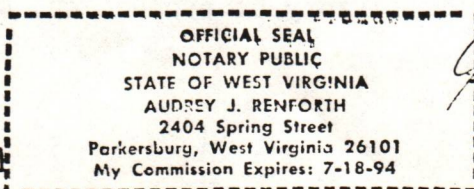
COUNTY OF Wood, TO-WIT:

I, Audrey J. Renforth, a Notary Public in and for the state and county aforesaid, do certify that SAMUEL F. BARBER, whose name is signed to the writing above, bearing date the 1st day of July, 1985, has acknowledged the same before me, in my county aforesaid.

02/16/2024

Given under my hand and official seal this 1st day of July, 1985

My term of office expires on the 18th day of July, 1994.



Audrey J. Renforth
Notary Public

[NOTARIAL SEAL]

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

REPORT OF MONTHLY PRODUCTION
GAS VOLUMES IN MCF @ 14.73
OIL IN BARRELS @ 60 DEGREES

Additional Prod.
REPORT DATE August 28, 1985
July 1, 1985

OPERATOR Queen State Oil Refining Corp.

02/16/2024

YEAR 1984

API	<u>039-4011</u>	FARM	<u>P. Huffman # 2</u>	COUNTY	<u>Kanawha</u>	AVG. FLOW PRESSURE		SHUT-IN PRESSURE			TOTALS
GAS MCF						<u>26</u>	<u>29</u>	<u>36</u>	<u>28</u>	<u>27</u>	<u>146</u>
OIL BBL						<u>71</u>	<u>72</u>	<u>52</u>	<u>47</u>	<u>56</u>	<u>298</u>
DAYS ON LINE						<u>31</u>	<u>30</u>	<u>31</u>	<u>30</u>	<u>31</u>	<u>153</u>

YEAR 1985

API	<u>039-4011</u>	FARM	<u>P. Huffman # 2</u>	COUNTY	<u>Kanawha</u>	AVG. FLOW PRESSURE		SHUT-IN PRESSURE			TOTALS
GAS MCF						<u>19</u>	<u>19</u>	<u>32</u>	<u>49</u>	<u>47</u>	<u>158</u>
OIL BBL						<u>44</u>	<u>33</u>	<u>79</u>	<u>57</u>	<u>53</u>	<u>362</u>
DAYS ON LINE						<u>31</u>	<u>28</u>	<u>31</u>	<u>30</u>	<u>31</u>	<u>212</u>

YEAR	<u>19</u>	FARM		COUNTY		AVG. FLOW PRESSURE		SHUT-IN PRESSURE			TOTALS
GAS MCF						<u>83</u>	<u>83</u>	<u>MCFD</u>	<u>304</u>	<u>MCF</u>	<u>304</u>
OIL BBL						<u>1.8</u>	<u>1.8</u>	<u>BOFD</u>	<u>660</u>	<u>BO</u>	<u>660</u>
DAYS ON LINE						<u>365</u>	<u>365</u>		<u>365</u>		<u>365</u>

SUMMARIZATION SCHEDULE
Section 271.804 (b)

In accordance with Section 271.804 (b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart II.

PROPOSED WELL CO-ORD.
 N. 543797.31 E. 1877836.53
 W.V. SPC., SOUTH ZONE

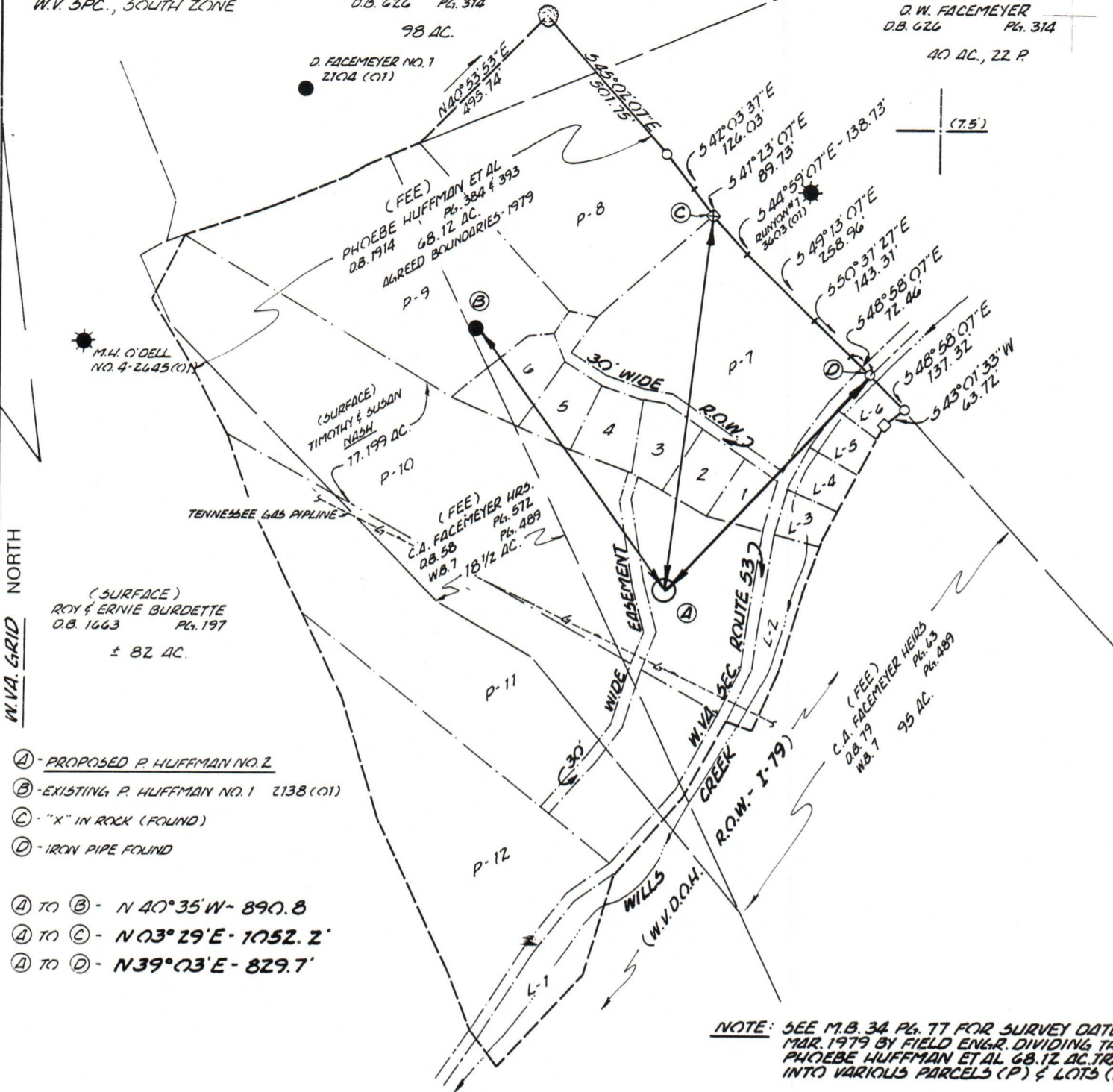
LATITUDE 38° 30' 00"

(FEE)
 D.W. FACEMEYER
 D.B. 426 Pg. 314

(SURFACE)
 D.W. FACEMEYER
 D.B. 426 Pg. 314

W.V.A. GRID NORTH

LONGITUDE 81° 25' 00"



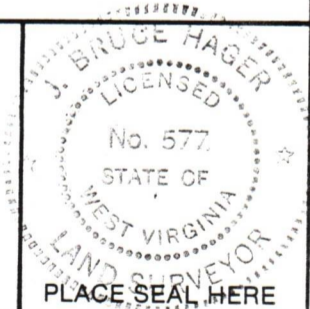
- Ⓐ - PROPOSED P. HUFFMAN NO. 2
- Ⓑ - EXISTING P. HUFFMAN NO. 1 2138 (01)
- Ⓒ - "X" IN ROCK (FOUND)
- Ⓓ - IRON PIPE FOUND
- Ⓐ TO Ⓑ - N 40° 35' W - 890.8
- Ⓐ TO Ⓒ - N 03° 29' E - 1052.2'
- Ⓐ TO Ⓓ - N 39° 03' E - 829.7'

NOTE: SEE M.B. 34 Pg. 77 FOR SURVEY DATED MAR. 1979 BY FIELD ENGR. DIVIDING THE PHOEBE HUFFMAN ET AL 68.12 AC. TRACT INTO VARIOUS PARCELS (P) & LOTS (L).

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

FILE NO. 8400-01
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1' IN 2000'
 PROVEN SOURCE OF ELEVATION W.V.D.O.M. 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) J. Bruce Hager
 R.P.E. _____ L.L.S. 577



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE JAN. 17, 19 84
 OPERATOR'S WELL NO. P. HUFFMAN NO. 2
 API WELL NO. _____

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____

47 - 039 - 4011
 STATE COUNTY PERMIT

LOCATION: ELEVATION 846.6 WATER SHED WILLS CREEK OF LITTLE SANDY CREEK
 DISTRICT BIG SANDY COUNTY KANAWHA
 QUADRANGLE BLUE CREEK 7.5'

SURFACE OWNER TIMOTHY J. & SUSAN M. NASH ACREAGE 17.199
 OIL & GAS ROYALTY OWNER PHOEBE HUFFMAN, ET AL LEASE ACREAGE RESIDUE OF 02/16/2024
 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 BIG INJUN ESTIMATED DEPTH 1970'

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

FORM IV-6 (8-78)

COUNTY NAME PERMIT