FORM IV-2(B)
(Obverse)
7-83

FILE COPY

RECEIVED
JUN 05 1985
OIL & GAS DIVISION
DEPT. OF MINES

1) Date: May 28, 1985
2) Operator's Well No. P.J. BLOSS, etal #1
3) API Well No. 47 -039-4178
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 XX / Gas ____ /
B (If "Gas", Production ____ / Underground storage ____ / Deep ____ / Shallow ____ /)

5) LOCATION: Elevation: 900.6' Watershed: WILLS CREEK OF LITTLE SANDY CREEK
District: BIG SANDY / County: KANAWHA Quadrangle: KETTLE 7.5' 4/8

6) WELL OPERATOR QUAKER STATE OIL REFINING CORP.
Address P.O. BOX 1327
PARKERSBURG, WV 26101 40400

7) DESIGNATED AGENT SAMUEL F. BARBER
Address P.O. BOX 1327
PARKERSBURG, WV 26101

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name CARLOS W. HIVELY
Address 233 PINCH RIDGE ROAD
ELKVIEW, WV 25071 (304) 965-6069

9) DRILLING CONTRACTOR:
Name CLINT HURT & ASSOC.
Address P.O. BOX 388
ELKVIEW, WV 25071

10) PROPOSED WELL WORK: Drill XX / Drill deeper ____ / Redrill ____ / Stimulate XX /
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, 2001' feet

13) Approximate trata depths: Fresh, 350' feet; salt, 1147' feet.

14) Approximate coal seam depths: NONE Is coal being mined in the area? Yes ____ / No XX /

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor	8 5/8"	H-40	20	XX		401'	401'	C.T.S. NEAT	Kinds
Fresh water or	7"	H-40	17	XX					
Coal									Sizes
Intermediate									
Production	4 1/2"	J-55	9.5	XX		2001'	2001'	1200' OR AS REQUIRED BY RULE 15:	Depths
Tubing	2"	J	4.5	XX		--	1881'		
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-039-4178 June 5 1985
Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires June 5, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
123	4 1B	MH	MH	13201

Margaret I. Kasse
Administrator, Office of Oil and Gas

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

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

12/01/2023

FORM IV-2(B) **FILE COPY**
Reverse

OFFICE USE ONLY

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

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		Follow-up inspection(s)
Well work started		,, ,,
Completion of the drilling process		,, ,,
Well Record received		,, ,,
Reclamation completed		,, ,,

OTHER INSPECTIONS

Reason: _____

Reason: _____

12/01/2023

File

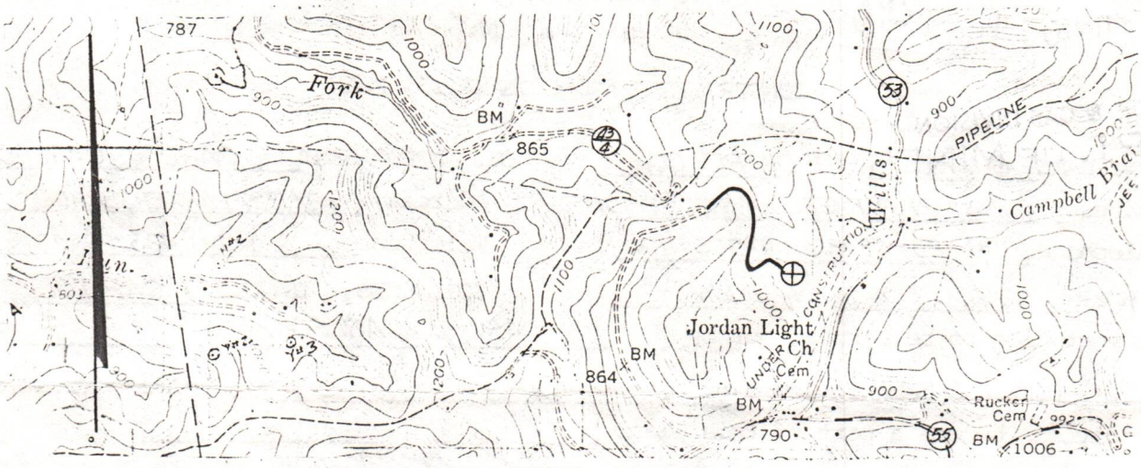
(REV 8-81)

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE KETTLE 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

Road

Existing fence

Planned fence

Stream

Open ditch

Diversion

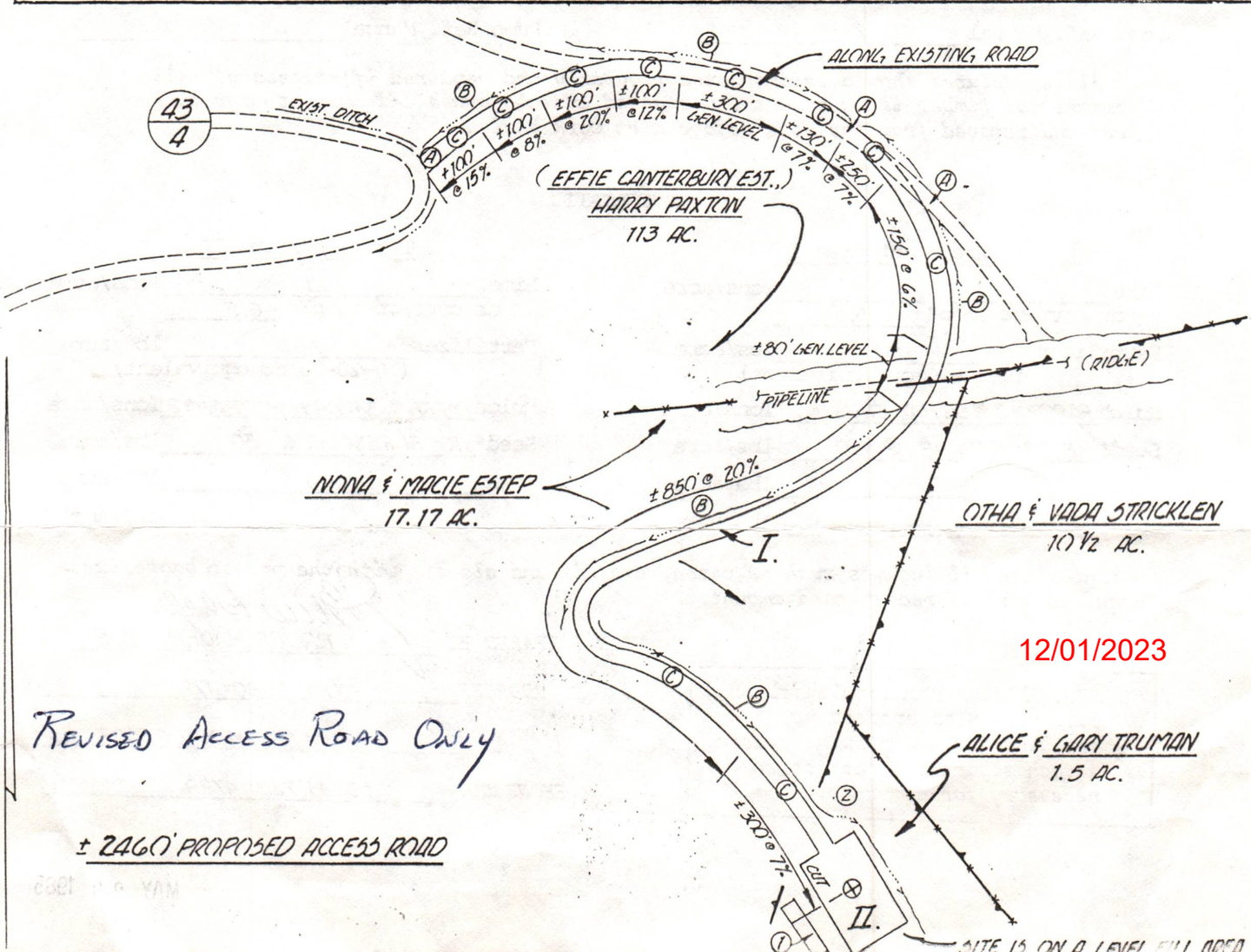
Spring

Wet spot

Building

Drain pipe

Waterway



MAY 22 1985

IV-9
(Rev. 8-81)

RECEIVED
JUN 05 1985
OIL & GAS DIVISION
DEPT. OF MINES

DATE MAY 16, 1985
Revised
WELL NO. P.J. BLOSS, ET AL NO. 1

State of West Virginia
Department of Mines
Oil and Gas Division

API NO. 47 - 039 - 4178

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME QUAKER STATE OIL REF. CORP.
Address P.O. BOX 1327 PARKERSBURG, W.V. 26101
Telephone (614) 423-9543 (304) 965-1118
LANDOWNER ALICE & GARY TRUMAN

DESIGNATED AGENT CARL J. CARLSON
Address P.O. BOX 1327 PARKERSBURG, W.V. 26101
Telephone (614) 423-9543
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 22 1985 (Date)

R. C. Alford
(SCD Agent)

"SEE ATTACHED COMMENTS"

OK 2nd. (Road only revised from original plan)

ACCESS ROAD

Structure 12" CMP CULVERT (A)
Spacing AS SHOWN ON PLAN AND 1-100' @ 15%; 10-100' @ 20%; 1-275' @ 7%
Page Ref. Manual Z-7, Z-8

Structure DRAINAGE DITCH (B)
Spacing AS NEEDED
Page Ref. Manual Z-12, Z-14, Z-15

Structure CROSS DRAINS (C)
Spacing Z-60' @ 15%; 1-102' @ 8%; 21-45' @ 20%; 1-72' @ 12%; 6-113' @ 7%; 1-124' @ 6%
Page Ref. Manual Z-4

LOCATION

Structure DRILL PIT (1)
Material N/A
Page Ref. Manual

Structure TOPSOIL STORAGE (2)
Material N/A
Page Ref. Manual

Structure (3)
Material
Page Ref. Manual

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

REVEGETATION

Treatment Area I

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

Treatment Area II

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch PAPER @ 3/4 OR HAY/STRAW @ 2 Tons/acre
Seed* KY. 31 FESCUE @ 50 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, L.L.S.
ADDRESS ROUTE 1, BOX 172
ALUM CREEK, W.V. 25003
PHONE NO. (304) 722-4729

12/01/2023

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

RECEIVED
MAY 24 1985
GEOL. DEPT.

MAY 20 1985

Form IV-2(A)
Obverse
[8-83]

1) Date: May 28, ,1985
2) Operator's
Well No. P.J. BLOSS, etal #1
3) API Well No. 47 -039- 4178
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 Delbert R. & Macie Estep
Address 847 Upper Wills Creek Rd.
Elkview, WV 25071

(ii) Name Gary M. & Alice Truman
Address 837 Upper Wills Creek Rd.
Elkview, WV 25071

(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.

RECEIVED JUN 05 1985 OIL & GAS DIVISION DEPT. OF MINES

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
SAMUEL F. BARBER,
this 28th day of MAY, 1985.
My commission expires 11/14, 1985.
Patricia Gallagher (Moore)
Notary Public, Washington County,
State of Ohio

PATRICIA MOORE
NOTARY PUBLIC - STATE OF OHIO
MY COMMISSION EXPIRES NOV. 14, 1988

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

12/01/2023

INSTRUCTIONS TO APPLICANT

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
Betty Young, etal	Quaker State	1/8	227/192
SEE EXHIBIT "A"			
Pansy J. Bloss, et vir, etal	"	"	227/186

FORM IV-70

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.J. Bloss, et al #1 located in Big Sandy District, Kanawha County, West Virginia, upon the person or organization named--

Gary M. Truman, Alice M. Truman, Macie Estep + Delbert R. Estep

--by delivering the same in Kanawha County, State of W. Va. on the 29th day of May, 1985 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 _____.

David R. Perkinson
(Signature of person executing service)

Taken, subscribed and sworn before me this 29th day of May, 1985.
My commission expires 4/24/91.

William C. Poland
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

FORM IV-2(B)
(Obverse)
7-83

SURFACE OWNER'S COPY

1) Date: May 28, 1985
2) Operator's Well No. P.J. BLOSS, etal #1
3) API Well No. 47 -039- (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 XX / Gas ____ /
B (If "Gas", Production ____ / Underground storage ____ / Deep ____ / Shallow ____ /)

5) LOCATION: Elevation: 900.6' Watershed: WILLS CREEK OF LITTLE SANDY CREEK
District: BIG SANDY County: KANAWHA Quadrangle: KETTLE 7.5'

6) WELL OPERATOR QUAKER STATE OIL REFINING CORP.
Address P.O. BOX 1327
PARKERSBURG, WV 26101

7) DESIGNATED AGENT SAMUEL F. HARBER
Address P.O. BOX 1327
PARKERSBURG, WV 26101

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name CARLOS W. HIVELY
Address 233 PINCH RIDGE ROAD
ELKVIEW, WV 25071 (304) 965-6069

9) DRILLING CONTRACTOR:
Name CLINT HURT & ASSOC.
Address P.O. BOX 388
ELKVIEW, WV 25071

10) PROPOSED WELL WORK: Drill XX / 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, 2001' feet

13) Approximate trata depths: Fresh, 350' feet; salt, 1147' feet.

14) Approximate coal seam depths: NONE Is coal being mined in the area? Yes ____ / No ____ /

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor	8 5/8"	H-40	20	XX		401'	401'	C.T.S.	Kinds
Fresh water OR	7"	H-40	17	XX					
Coal									Sizes
Intermediate									
Production	4 1/2"	J-55	9.5	XX		2001'	2001'	1200' OR AS REQUIRED BY RULE 15:01	Depths set
Tubing	2"	J	4.5	XX		—	1881'		
Liners									Perforations: Top Bottom

RECEIVED JUN 05 1985 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.)

NAME: ____

By ____

Its ____ Date ____

(For execution by natural persons)

Gary M. Truman
Alice M. Truman (Signature) Date: 5-29-85

Marie Estep (Signature) Date: 5-29-85

Albert R. Estep Date: 5-29-85

Marie P. Estep Committee for Ralph B. Estep Date: 5-29-85
Surface Owner

FORM IV-2(B) **SURFACE OWNER'S COPY**
Reverse

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 Adminisatrator's office or an Oil and Gas Inspector to obtain a copy of the list.

12/01/2023

Surface Owner

FORM IV-70

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.J. Bloss, et al #1 located in Big Sandy District, Kanawha County, West Virginia, upon the person or organization named--

Macie P. Estep, Committee for Ralph B. Estep

--by delivering the same in Kanawha County, State of W. Va. on the 29th day of May, 1985 in the manner specified below.

RECEIVED JUN 05 1985 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 N. Perkins
(Signature of person executing service)

Taken, subscribed and sworn before me this 29th day of May, 1985.
My commission expires 4/24/91.

William C. Polcari
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

12/01/2023

RECEIVED
DEPT. OF ENERGY
OIL AND GAS

WR-35

MAR 7 1986

State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

Date October 2, 1985
Operator's
Well No. #1
Farm P.J. BLOSS UNIT
API No. 47 - 039 - 4178

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: 900.6' Watershed WILLS CREEK OF LITTLE SANDY CREEK
District: BIG SANDY County KANAWHA Quadrangle KETTLE 7.5'

COMPANY QUAKER STATE OIL REFINING CORP.
ADDRESS P.O. BOX 1327; PARKERSBURG, WV 26101
DESIGNATED AGENT SAMUEL F. BARBER
ADDRESS P.O. BOX 1327; PARKERSBURG, WV 26101
SURFACE OWNER GARY & ALICE TRUMAN
ADDRESS ELKVIEW, WV 25071
MINERAL RIGHTS OWNER PANSY J. BLOSS, et al
ADDRESS CHARLESTON, WV 25320
OIL AND GAS INSPECTOR FOR THIS WORK
CARLOS HIVELY ADDRESS 233 PINCH RIDGE RD ELKVIEW, WV 25071
PERMIT ISSUED JUNE 05, 1985
DRILLING COMMENCED JUNE 17, 1985
DRILLING COMPLETED JUNE 21, 1985
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 Cond.			
13-10"			
9 5/8			
8 5/8	421'	421'	130 SX
7			
5 1/2			
4 1/2	1976'	1976'	145 SX
3			
2			
Liners used			

KAN 4178

GEOLOGICAL TARGET FORMATION BIG INJUN Depth 1858 feet
Depth of completed well 2000' feet Rotary XX / Cable Tools ___
Water strata depth: Fresh N/A feet; Salt 1230' feet
Coal seam depths: N/A Is coal being mined in the area? NO

OPEN FLOW DATA
Producing formation BIG INJUN Pay zone depth 1862 - 1896 feet
Gas: Initial open flow --- Mcf/d Oil: Initial open flow Show Bbl/d
Final open flow 20 Mcf/d Final open flow 10 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--)
Second producing formation ___ 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

12/01/2023

(Continue on reverse side)

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

PERFORATED FROM 1862-1896' WITH 35 HOLES.

FRACTURED WITH 400 BBLS WATER; 16,000# SAND.
BREAKDOWN @ 200 psi
TREATED @ 1686 psi
AVG. RATE @ 33.3 BPM
I.S.I.P. 1280 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
SILT & SHALE	0	270	
SAND	270	297	
SILT & SHALE	297	760	
SAND	760	808	
SILT & SHALE	808	1230	
SALT SANDS	1230	1666	SALT WATER
LITTLE LIME	1666	1708	
PENCIL CAVE	1708	1720	
BIG LIME	1720	1859	
BIG INJUN	1859	1897	OIL
SHALE	1897	2005	TOTAL DEPTH

(Attach separate sheets as necessary)

QUAKER STATE OIL REFINING CORPORATION
Well Operator

By: Jeffrey W. Hill JEFFREY W. HILL
GEOLOGIST

Date: OCTOBER 2, 1985

12/05/2023

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."

FORM WR-36

Date: March 6, 1986

Operator's
Well No. P.J. BLOSS UNIT #1

API Well No. 47 - 039 - 4178
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

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 SAMUEL F. BARBER
Address P.O. Box 1327
Parkersburg, WV 26101

GEOLOGICAL TARGET FORMATION: Big Injun Depth 1859 - 1897' feet

Perforation Interval 1862-1896' feet
w/ 35 holes

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 ☐ PIPE TAP ☐ L-10 ☐		POSITIVE CHOKE ☐ CRITICAL FLOW PROVER ☐
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	DAILY WATER	DAILY GAS	GAS-OIL RATIO
10 bbls.	15 bbls.	20 Mcf.	2000 SCF/STB

QUAKER STATE OIL REFINING CORPORATION
Well Operator

By: Samuel F. Barber
Samuel F. Barber
Its: District Production Manager

Date: March 6, 1986

12/01/2023

06-11

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

RECEIVED

JUN 26 1985

OIL & GAS DIVISION

DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4178

Oil or Gas Well _____ (KIND)

Company Quaker State Oil

Address _____

Farm Estep

Well No. P. T. Bloss, etal #1

District Big Sandy County Kanawha

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
8¼			
6⅝			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: Set 420' of 8 5/8" casing & cemented with 130 sks. Class A. 3% c.c. plug down at 11:45 a.m.

6-18-85
DATE

Carlos W. Hill
DISTRICT WELL INSPECTOR

Form 26
2/16/82

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

12/01/2023

06-11

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

RECEIVED
JUN 26 1985
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4178

Oil or Gas Well _____ (KIND)

Company Quaker State Oil

Address

Farm Estep

Well No. P.J. Bloss, etal #1

District Big Sandy County Kanawha

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
8¼			
6⅝			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: 970' Deep + Drilling on Fluid.

6-19-85
DATE

Carlos W. Hiff
DISTRICT WELL INSPECTOR

Form 26
2/16/82

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

12/01/2023

OG-11

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 039-4178

Oil or Gas Well _____ (KIND)

Company Quaker State Oil

Address _____

Farm Estep

Well No. P.J. Bloss, etal #1

District Big Sandy County Kanawha

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
8¼			
6⅝			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 #2

Remarks: T.D hole 6-21-85. Today nothing being done.

6-24-85
DATE

Carlos W. Hughes
DISTRICT WELL INSPECTOR

12/01/2023

Form 26
2/16/82

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

12/01/2023

IR-26

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

RECEIVED
JUL 29 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

INSPECTOR'S WELL REPORT

Permit No. 039-4128

Oil or Gas Well _____ (KIND)

Company Quaker State Oil.

Address _____

Farm Estep.

Well No. P.J. Bloss, etal #1

District Big Sandy County Kanawha

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
8¼			
6⅝			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 Associates Rig #2

Remarks: Doing well perforation.

7-22-85
DATE

Carlos W. Hively
DISTRICT WELL INSPECTOR

12/01/2023

IR-26

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY

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

12/01/2023

_____

DISTRICT WELL INSPECTOR

IR-26
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

6-5-85

WELL TYPE Oil
API# 47- 039 - 4178
ELEVATION
OPERATOR Quaker state oil
DISTRICT Big sandy
TELEPHONE
QUADRANGLE
FARM Estep
COUNTY Kanawha
WELL # 1

SURFACE OWNER
COMMENTS
TELEPHONE
TARGET FORMATION
DATE APPLICATION RECEIVED
DATE STARTED LOCATION 6-10-85
NOTIFIED
DRILLING COMMENCED 6-12-85

WATER DEPTHS _____, _____, _____, _____
COAL DEPTHS _____, _____, _____, _____

CASING

Ran 420 feet of 8 5/8 "pipe on 6-18-85 with 130sks. fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

TD 2100' feet on 6-21-85

PLUGGING

APR 15 1986

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____
Field analysis ph _____ fe _____ cl _____
Well Record received _____

Date Released 4-10-86

Carlos C. Hively
Inspector's signature

12/01/2023

IR-26
Reverse

API# 47 039 - 2178

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1	6-10-85		Inspection	Building location
2	6-17-85		"	moving Rig on location
3	6-18-85		"	set surface casing
4	6-19-85		"	970' + Drilling on Fluid
5	6-24-85		"	T.D. hole + moved off location
6	7-22-85		"	Perforated well
7	11-5-85		"	location Reclaimed no API number
8	4-10-86		"	Released
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

12/01/2023

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.)	47 - 039 - 2 4178 - **14
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 (Section of NGPA) - (Category Code)
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	1896 feet
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name: Quaker State Oil Refining Corporation — Seller Code: 0015540 Street: P.O. Box 1327 City: Parkersburg — State: WV — Zip Code: 26101
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Field Name: Big Sandy District County: Kanawha — State: WV
(b) For OCS wells:	Area Name: N/A — Block Number: N/A Date of Lease: N/A (Mo. Day Yr.) — OCS Lease Number:
(c) Name and identification number of this well: (35 letters and digits maximum.)	P.J. Bloss #1
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	Big Injun
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Name: Columbia Gas Transmission Corporation — Buyer Code: 004030
(b) Date of the contract: #6840	06 20 80 (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	1.775	.—	.—	1.775
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	3.038	.—	.—	3.038

9.0 Person responsible for this application:

Name: Samuel F. Barber — Title: District Manager

Signature: Samuel F. Barber

Date Application is Completed: October 1, 1985 — Phone Number: (614) 423-9543

Agency Use Only

Date Received by Juris. Agency: OCT - 7 1985

Date Received by FERC:

FERC-121 (8-82)

12/01/2023

U.S. DEPARTMENT OF ENERGY
Federal Energy Regulatory Commission
Washington, D.C. 20426

Form Approved
OMB No. 1902-0038
(Expires 12/31/84)

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:

12/01/2023

FORM IV-48WC
(02-84)

STATE OF WEST VIRGINIA 14231-49 OCT 30 1985

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: October 1, 19 85 40400

Applicant's Name: QUAKER STATE OIL REFINING 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

851007 -1036 -039 - 4178

Use Above File Number on all Communications Relating to This Well

P618

First Purchaser: Columbia Gas Transmission Corp.

Address: P.O. Box 1273
(Street or P.O. Box)

Charleston, WV 25325
(City) (State) (Zip Code)

FERC Seller Code 0015540

Designated Agent: Samuel F. Barber

Address: P.O. Box 1327

Parkersburg, WV 26101

FERC Buyer Code 004030

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

Name: Samuel F. Barber (Print) District Production Manager (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 Catagory 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
- X 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

RECEIVED
OCT - 7 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

AGENCY USE ONLY

QUALIFIED

12/01/2023

Date Received

Determination Date

FORM IV-54WC
[12-78]

Date October 1, 19 85

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

Operator's Well No. P. J. Bloss #1

API Well No. 47 - 039 - 4178
State County Permit

WELL CLASSIFICATION FORM

NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT Samuel F. Barber

ADDRESS P.O. Box 1327
Parkersburg, W.V. 26101

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

LOCATION: Elevation 900.6

Watershed Wills Creek of Little Sandy Creek

Dist. Big Sandy County Kanawha Quad. Kettle 7.5'

Gas Purchase Contract No. 6840

Meter Chart Code 8 R 5316

Date of Contract 6/20/80

* * * * * * * * * * * * * * * * * *

Date surface drilling was begun: 6/17/85

Indicate the bottom hole pressure of the well and explain how this was calculated:

Depth to Bottom Perf. 1896
Surface Pressure 35
Pressure Gradient 0.400 psi/ft.

$BHP = P_s + (1896 \text{ ft.})(0.400 \text{ psi/ft.})$

BHP = 793

AFFIDAVIT

I, Samuel F. Barber, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Samuel F. Barber

STATE OF WEST VIRGINIA,

COUNTY OF Wood, TO WIT:

I, David W. Perkinson, 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 October, 19 85, has acknowledged the same before me, in my county aforesaid.

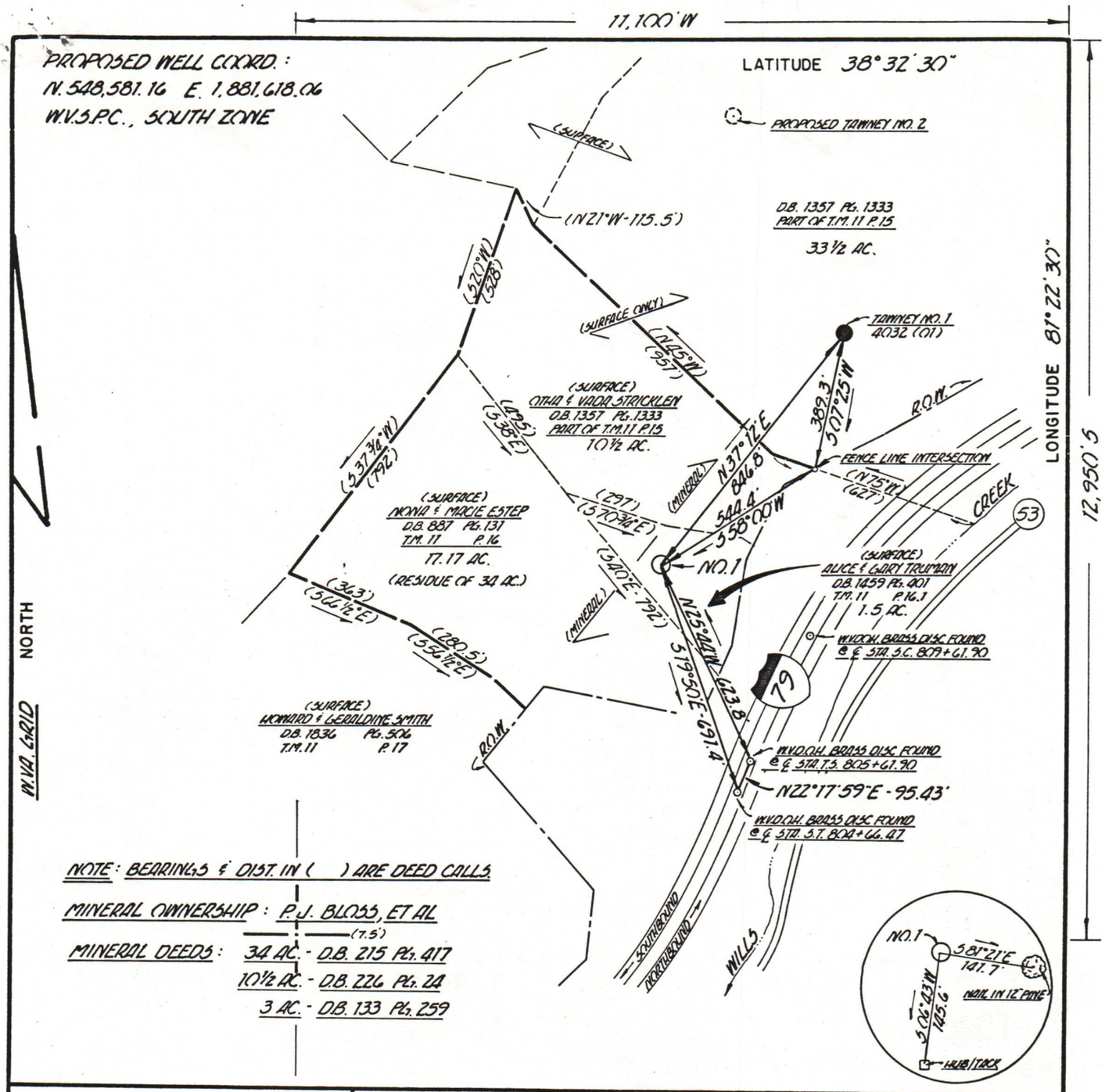
Given under my hand and official seal this 3rd day of October, 19 85.

My term of office expires on the 11 day of June, 19 90.

[NOTARIAL SEAL]

David W. Perkinson
Notary Public

12/01/2023



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

MINERAL OWNERSHIP: P.J. BLOSS, ET AL

MINERAL DEEDS: 34 AC. - D.B. 215 PG. 417 (7.5')
10 1/2 AC. - D.B. 226 PG. 24
3 AC. - D.B. 133 PG. 259

FILE NO. 8490-33

DRAWING NO. _____

SCALE 1" = 400'

MINIMUM DEGREE OF ACCURACY 1' IN 2000'

PROVEN SOURCE OF ELEVATION U.S.C.&G.S. BM H-96 NEAR QUICKER CEMETERY ALONG RTE. 55; EL. 1006.35

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

J. BRUCE HAGER
LICENSED
No. 577
STATE OF
WEST VIRGINIA
LAND SURVEYOR
PLACE SEAL HERE

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

FORM IV-6
(8-78)

DATE APRIL 15, 1985

OPERATOR'S WELL NO. P.J. BLOSS, ET AL NO. 1

API WELL NO.
47 - 039 - 4178
STATE COUNTY PERMIT

Department of Mines
Oil & Gas Division

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

LOCATION: ELEVATION 900.6 WATER SHED WILLS CREEK OF LITTLE SANDY CREEK
DISTRICT BIG SANDY COUNTY KANAWHA
QUADRANGLE KETTLE 7.5'

SURFACE OWNER ALICE & GARY TRUMAN ACREAGE 1.5 AC. RESIDUE OF 4.35 AC.
OIL & GAS ROYALTY OWNER P.J. BLOSS, ET AL LEASE ACREAGE 48
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 2001'

WELL OPERATOR QUAKER STATE OIL REF. CORP. DESIGNATED AGENT CARL J. CARLSON
ADDRESS P.O. BOX 1327 ADDRESS P.O. BOX 1327
PARKERSBURG, W.V. 26101 PARKERSBURG, W.V. 26101