



1) Date: July 5, 19 84
 2) Operator's Well No. Shepherd "D" #1
 3) API Well No. 47 - 035 - 1973
 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: 764 Watershed: Right Fork of Sandy Creek (0361)
 District: Ravenswood 2 County: Jackson Quadrangle: Liverpool 439
- 6) WELL OPERATOR TXO Production Corp. 50375 7) DESIGNATED AGENT Larry M. Albrecht
 Address 900 Charleston National Plaza Address 900 Charleston National Plaza
Charleston, WV 25301 Charleston, WV 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Jerry Tephabock Name FWA Drilling Co., Inc.
 Address Rt 1 Box 101-A Address P.O. Box 448
Ripley, WV 25271 Elkview, WV 25070
- 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, Berea
- 12) Estimated depth of completed well, 3000 feet
- 13) Approximate strata depths: Fresh, 125 feet; salt, _____ feet.
- 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes
- 15) CASING AND TUBING PROGRAM

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 DEPT. OF MINE

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	<u>8-5/8</u>			<input checked="" type="checkbox"/>		<u>250'</u>	<u>300'</u>	<u>300'</u>	<u>200'</u>	<u>CTS by rule 15.05</u>
Coal									Sizes	
Intermediate										
Production	<u>4-1/2</u>	<u>K-55</u>	<u>10.5</u>	<input checked="" type="checkbox"/>		<u>3000'</u>	<u>3000'</u>	<u>As Req.</u>	Depths set	
Tubing								<u>Rule 15.01</u>		
Liners									Perforations:	
									Top Bottom	

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-035-1973 Date July 6, 19 84

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

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

Permit expires July 6, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond BLANKET	Agent: <input checked="" type="checkbox"/> <u>ls</u>	Plat: <u>mx</u>	Casing: <u>mx</u>	Fee: <u>157</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 Operator: XXXXXXXXXX
 2) LOCATION: District: XXXXXXXXXX County: XXXXXXXXXX Elevation: XXXX
 3) WELL OPERATOR: XXXXXXXXXX
 4) ADDRESS: XXXXXXXXXX
 5) PROPOSED WELL WORK: XXXXXXXXXX
 6) APPROXIMATE COAL SEAM DEPTH: XXXX feet
 7) APPROXIMATE DEPTH OF COMPLETED WELL: XXXX feet
 8) OTHER PHYSICAL CHANGE IN WELL (SPECIFY): XXXXXXXXXX

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: _____

BLANKET	Agent	Plate	Casing	Test
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12/08/2006

1) Date: July 5, 19 84
2) Operator's Well No. Shepherd "D" #1
3) API Well No. 47-035-1973
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 Harry L. Shepherd & Edith Shepherd
Address RT 2 BOX 37
Sandyville, WV 25275
(ii) Name _____
Address _____
(iii) Name _____
Address _____

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

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

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

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

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

6) EXTRACTION RIGHTS

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

7) ROYALTY PROVISIONS

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

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

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

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

Larry M. Albrecht
this 5 day of July, 1984.
My commission expires 6-7, 1994.

Jack Grace
Notary Public, Kanawha County,
State of West Virginia

WELL OPERATOR TXO PRODUCTION CORP.
Larry M. Albrecht

By _____
Its Agent
Address 900 Charleston National Plaza
Charleston, WV 25301
Telephone 304-345-2610

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JUL - 5 1984

OIL & GAS DIVISION
DEPT. OF MINES

12/08/2023

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

I N F O R M A T I O N S U P P L I E D U N D E R C O D E § 22-4-11(d)

I N L I E U O F F I L I N G L E A S E (S) A N D O T H E R C O N T I N U I N G C O N T R A C T (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
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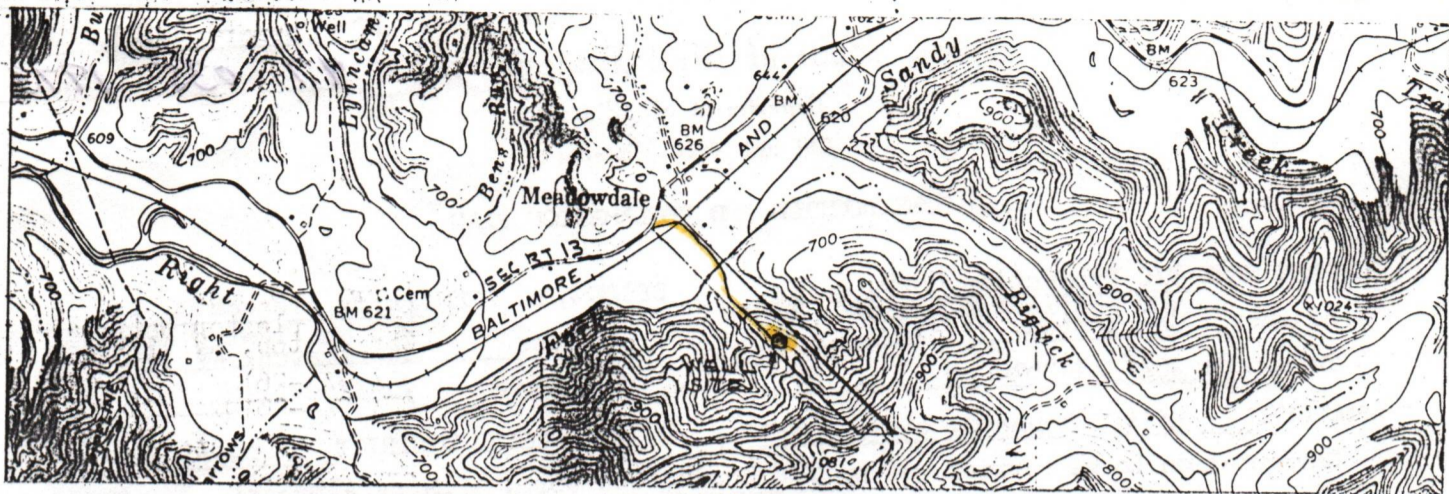
12/08/2023

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Liverpool

LEGEND

Well Site ⊕

Access Road ———

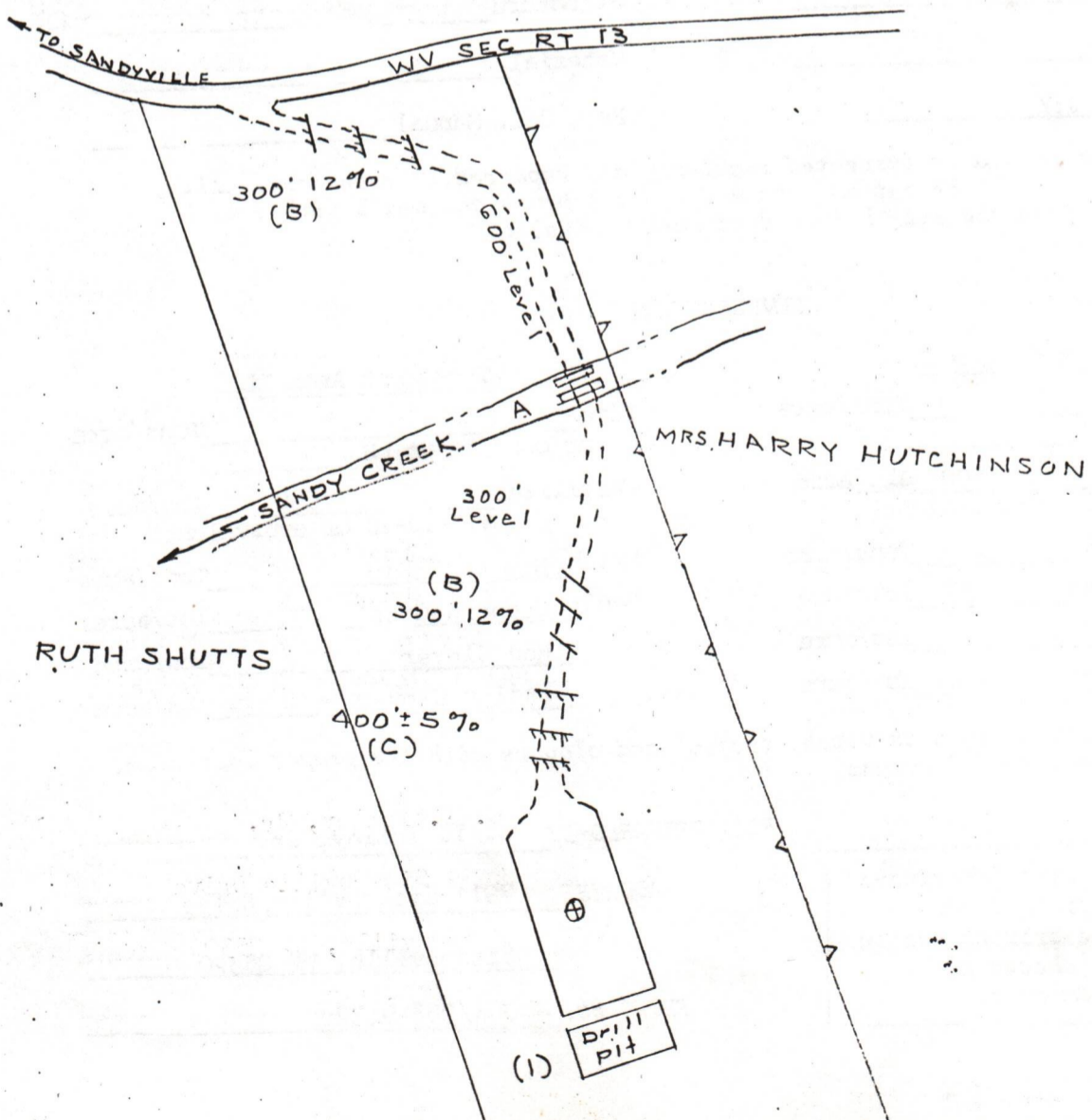


WELL SITE PLAN

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

LEGEND

Property boundary ——— ——— ——— ——— ———	Diversion //////////////
Road = = = = =	Spring ○→
Existing fence —X—X—X—X—X—	Wet spot ☹
Planned fence —/—/—/—/—/—/—	Building []
Stream ~~~~~	Drain pipe —○—○—○—○—○—
Open ditch ——— ——— ——— ——— ———	Waterway <—≡≡≡≡≡≡≡



12/08/2023



IV-9
(Rev 8-81)

DATE June 13, 1984

WELL NO. Shepherd D #1

State of West Virginia
Department of Mines
Oil and Gas Division

API NO. 47-035-1973

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME TXO Production Corp.
Address 900 Charleston National Plaza
Charleston, WV 25301
Telephone 304/345-2610

DESIGNATED AGENT Larry Albrecht
Address 900 Charleston National Plaza
Charleston, WV 25301
Telephone 304/345-2610

LANDOWNER Edith Shepherd, etal

SOIL CONS. DISTRICT Western

Revegetation to be carried out by TXO Production Corp. Larry Albrecht (Agent)

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

7/3/84
(Date)

Steven B. Fosse
(SCD Agent)

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ACCESS ROAD

LOCATION

OIL & GAS DIVISION

DEPT. OF MINES

Structure 2-18" culverts and crushed (A)
stone
Spacing N/A
Page Ref. Manual 2:21

Structure drill pit
Material earthen
Page Ref. Manual _____

Structure cross drains (B)
Spacing 60'
Page Ref. Manual 2:4

~~Structure~~ location on nearly flat (2)
point
Material _____
Page Ref. Manual _____

Structure cross drains (C)
Spacing 135'
Page Ref. Manual 2:4

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 _____
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or Straw 2 Tons/acre
Seed* Orchard Grass 30 lbs/acre
Red Clover 4 lbs/acre
Ladino Clover 2 lbs/acre

Treatment Area II

Lime 3 Tons/acre
or correct to pH _____
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or Straw 2 Tons/acre
Seed* Orchard Grass 30 lbs/acre
Red Clover 4 lbs/acre
Ladino Clover 2 lbs/acre

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

12/08/2023

PLAN PREPARED BY C. T. Tolley, Jr.

ADDRESS 7911 Sissonville Drive

Sissonville, WV 25320

PHONE NO. 304/988-9432

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



1) Date: July 5, 19 84
 2) Operator's Well No. Shepherd "D" #1
 3) API Well No. 47
 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: 764 Watershed: Right Fork of Sandy Creek
 District: Ravenswood County: Jackson Quadrangle: Liverpool
- 6) WELL OPERATOR TXO Production Corp. 7) DESIGNATED AGENT Larry M. Albrecht
 Address 900 Charleston National Plaza Address 900 Charleston National Plaza
Charleston, WV 25301 Charleston, WV 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Jerry Tephahock Name FWA Drilling Co., Inc.
 Address Rt 1 Box 101-A Address P.O. Box 448
Ripley, WV 25271 Elkview, WV
- 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, Berea
 12) Estimated depth of completed well, 3000 feet
 13) Approximate trata depths: Fresh, 125 feet; salt, _____ feet.
 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ No _____

RECEIVED
 JUL - 5 1984

OIL & GAS DIVISION
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	<u>8-5/8</u>			<input checked="" type="checkbox"/>		<u>250'</u>	<u>200'</u>	<u>CTS</u>	Sizes
Coal									Depths set
Intermediate									Perforations:
Production	<u>4-1/2</u>	<u>K-55</u>	<u>10.5</u>	<input checked="" type="checkbox"/>		<u>3000'</u>	<u>3000'</u>	<u>As Req. Rule 15.01</u>	Top Bottom
Tubing									
Liners									

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

VOLUNTARY STATEMENT OF NO OBJECTION

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

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

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____
 By _____
 Its _____ Date _____

Harry L. Shepherd Date: 7/5/84
 (Signature)
Edith J. Shepherd Date: 7/5/84
 (Signature)

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

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

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

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

Where to file comments and obtain additional information:

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

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

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

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

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

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

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

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

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



1) Date: July 2, 19 85
 2) Operator's Well No. Shepherd D #1 well 500
 3) API Well No. 47 - 035 - 1073
 State County Permit

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON A WELL

4) WELL TYPE: A Oil _____/ Gas X Liquid injection _____/ Waste disposal _____
 B (If "Gas", Production _____/ Underground storage) _____/ Deep _____ Shallow X)
 5) LOCATION: Elevation: 764 Watershed: Right Fork of Sandy Creek
 District: Ravenswood County: Jackson Quadrangle: Liverpool
 6) WELL OPERATOR Carl E. Smith Petroleum, Inc. 7) DESIGNATED AGENT Carl E. Smith Petroleum, Inc.
 Address P. O. Box #4 Address P. O. Box #4
Sandyville, WV 25275-0004 Sandyville, WV 25275-0004
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) PLUGGING CONTRACTOR
 Name Jerry Tephabock Name Carl E. Smith Petroleum, Inc.
 Address Route #1, Box 101A Address P. O. Box #4
Ripley, WV 25271 Sandyville, WV 25275-0004

10) WORK ORDER: The work order for the manner of plugging this well is as follows:

Gel Hole	2,532' - 2,300'	A monument will be erected thirty inches above ground level and will include the following information: API NO. COMPANY NAME WELL NAME & NUMBER PLUGGING DATE
Cement Plug	2,300' - 2,200'	
Gel	2,200' - 2,050'	
Cement Plug	2,050' - 1,950'	
Gel	1,950' - 750'	
Cement Plug	750' - 600'	
Gel	600' - 350'	
Cement Plug	350' - 250'	
Gel	250' - 50'	
Cement Plug	50' - surface	

The law requires a comment period for surface owners. However, the permit can be issued in less than five days from the filing of the Application to plug and abandon a well 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 Permit to Plug and Abandon a Well, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-4(A), (2) an Application for a Well Work Permit on Form IV-4(B), and (3) a survey plat on Form IV-6, all for proposed well plugging work on my surface land as described therein.

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

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____

HL Shepherd Date: 7/3/85
 (Signature)

By _____

 (Signature)

Its _____ Date: _____

**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON WELL PLUGGING 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 plugging. 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 **FIVE (5) 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:

"The proposed well work will constitute a hazard to the safety of persons; or.....

"Damage would occur to publicly owned lands or resources; or.....

"The proposed well work fails to protect fresh water sources or supplies."

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

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

Surface Owner

12/08/2023

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF WEST VIRGINIA,
COUNTY OF JACKSON :

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) X /
- (2) Application on Form IV-2(B) / Form IV-3(B) / Form IV-4(B) X /
- (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.#300 Shepherd "D"#1 located in Ravenswood District, Jackson County, West Virginia, upon the person or organization named--

Edith Shepherd and Harry Shepherd

--by delivering the same in Jackson County, State of West Virginia on the 3rd day of July, 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 _____.

Norman L. [Signature]
(Signature of person executing service)

Taken, subscribed and sworn before me this 3rd day of July, 1985.
My commission expires Feb 8, 1993.

[Signature]
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

12/08/2023

OIL AND GAS LEASE

THIS AGREEMENT made and entered into this 22nd day of May, 1984,
by and between HARRY L. SHEPHERD AND EDITH SHEPHERD, husband and wife

hereinafter called Lessor, whose address is Route 2, Box 37, Sandyville, West Virginia 25275
and TXO PRODUCTION CORP., hereinafter called
Lessee, whose address is First City Center, 1700 Pacific Avenue LB-10, Dallas, Texas 75201.

WITNESSETH:

1. That Lessor for and in consideration of the sum of TEN AND NO/100- Dollars (\$10.00) and other valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, and of the covenants and agreements hereinafter contained to be performed by the Lessee, does hereby grant, demise, lease and let unto said Lessee the hereinafter described land, for the purposes of carrying on geological, geophysical and other exploration work, and the drilling and operation for, and the production, treating, processing, and saving of all of the oil, gas and other hydrocarbons; and the right to use free from royalty, sufficient oil, gas and water produced from the premises for all operations thereon provided it finds said water at its own expense; the right to enter thereon at all times for the purpose of drilling and operating for oil, gas and water, erecting cathodic protection sites, tanks, machinery, structures, electric and telephone lines; to lay pipelines for the transportation thereon and thereover of oil, gas, or water from said premises or other lands operated by the Lessee; the right to construct roadways to well sites and pipelines both on and off said premises and to possess, use, and occupy so much of said premises as is necessary and convenient for said purposes, all that certain tract of land, together with any reversionary rights therein,

situated in Ravenswood (District/Township), County of Jackson State of West Virginia

and described as follows, to-wit: Bounded on the,

NORTH by lands now or previously owned by Charles C. Burdette

EAST by lands now or previously owned by Harry Hutcheson

SOUTH by lands now or previously owned by Walter Kutt

WEST by lands now or previously owned by Ruth M. Shutts

containing 28 acres, more or less and being the same land described in that certain Deed dated November 6, 1936

and recorded in said county records in Book Number 115 At Page 500 and also, in addition to the above described land, any and all strips or parcels of land adjoining or contiguous to the above described land and owned or claimed by Lessor, all of the foregoing land being hereinafter referred to as "Leased Premises". ~~It is the intention of the Lessor herein that the Leased Premises cover and include all lands owned or claimed by Lessor together with any and all accretions thereto whether or not herein accurately and completely described.~~

2. It is agreed that this Lease shall remain in force for a term of Six (6) Months ~~ten (10) years~~ from the date set forth above (herein called "primary term") and as long thereafter as oil or gas, or either of them, is produced from the Leased Premises or drilling or reworking operations are conducted thereon as herein provided, ~~or any formation underlying the Leased Premises is used for storage of gas as provided in this Lease, or this Lease is continued in force by any other provision hereof.~~

3. Lessee shall deliver, free of cost, to Lessor at the wells, or to the credit of Lessor in the pipeline to which the wells may be connected, the equal one-eighth (1/8) part of all oil and other liquid hydrocarbons produced and saved from the Leased Premises, or at Lessee's option, pay Lessor for such one-eighth (1/8) royalty the market price at the well for such oil and other liquid hydrocarbons of like grade and gravity prevailing on the day such oil and other liquid hydrocarbons are run from the lease stock tanks.

4. To pay Lessor for gas of whatsoever nature or kind (with all of its constituents) produced and sold or used off the Leased Premises, or used in the manufacture of products therefrom, one-eighth (1/8) of the gross proceeds received for the gas sold, used off the Leased Premises or in the manufacture of products therefrom, but in no event more than one-eighth (1/8) of the actual amount received by the Lessee, said payments to be made monthly. During any period (whether before or after expiration of the primary term hereof) when gas is not being so sold or used and the well or wells are shut-in and there is no current production of oil or operations on said Leased Premises sufficient to keep the Lease in force, Lessee shall pay or tender a royalty of \$ 5.00 per year per net royalty acre retained hereunder, such payment or tender to be made on or before the anniversary date of this Lease next ensuing after the expiration of ninety (90) days from the date such well is shut-in and thereafter on the anniversary date of this Lease during the period such well is shut-in, to the royalty owners. When such payment or tender is made it will be considered that gas is being produced within the meaning of the entire Lease. Such royalty may be paid or tendered in the same manner and to the same Depository as provided herein for the payment or tender of delay rentals.

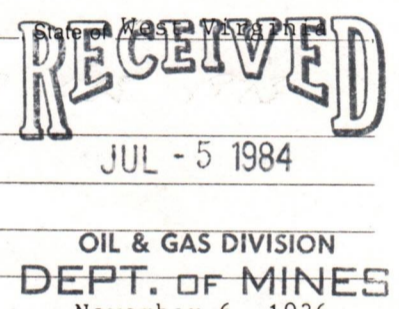
If Lessee shall, on or before any shut-in payment date, make a bona fide attempt to pay or deposit a shut-in payment to a royalty owner entitled thereto under this Lease according to Lessee's records at the time of such payment, and if such payment or deposit shall be erroneous in any regard, Lessee shall be obligated to pay to such royalty owner the shut-in payment properly payable for the period involved, but this Lease shall be maintained in the same manner as if such erroneous payment or deposit had been properly made, provided that Lessee shall correct such erroneous payment within thirty (30) days following receipt by Lessee of written notice from such royalty owner of the error accompanied by any documents and other evidence necessary to enable Lessee to make proper payment.

5. To pay Lessor for gas produced from any oil well and used off the Leased Premises, or for the manufacture of casing-head gasoline or dry commercial gas, one-eighth (1/8) of the gross proceeds, at the mouth of the well, received by Lessee for the gas during the time such gas shall be used, said payments to be made monthly.

~~6. If operations for the drilling of a well for oil or gas are not commenced on the Leased Premises on or before one year from the date hereof, this Lease shall terminate as to both parties, unless Lessee shall on or before that date pay or tender to Lessor, or to Lessor's credit in the~~

~~Bank at HLS or its successors, which Bank and its successors are the Lessor's agent and shall continue as the Depository for any and all sums payable under this Lease regardless of changes of ownership in said land, or in the oil and gas,~~

~~or in the rentals to accrue hereunder, the sum of \$ _____ Dollars which shall operate as a rental and cover the privilege of deferring the commencement of operations for drilling for a period of one year. Thereafter, annually, in like manner and upon like payments or tenders, the commencement of operations for drilling may be further deferred for like periods successively during the primary term. All payments or tenders may be paid by check or draft of Lessee or any Assignee thereof, mailed or delivered on or before the rental paying date, either directly to Lessor (at address last known to Lessee) or to the Depository Bank, and the payment or tender will be deemed made when the check or draft is so delivered or mailed.~~



~~If said named or successor Bank (or any other Bank which may, as hereinafter provided have been designated as Depository) should fail or liquidate or for any reason refuse or fail to accept rental, Lessee shall not be held in default for failure to make such payment or tender of rental until thirty (30) days after Lessor shall deliver to Lessee a proper recordable instrument naming another Bank to receive such payments or tenders. The above named or successor Bank or any other Bank which may be designated as Depository shall be Lessor's agent. If Lessee shall on or before any rental payment date, make a bona fide attempt to pay or deposit a rental payment to a Lessor entitled thereto under this Lease according to Lessee's records at the time of such payment, and if such payment or deposit shall be erroneous in any regard, Lessee shall be obligated to pay to such Lessor the rental payment properly payable for the period involved, but this Lease shall be maintained in the same manner as if such erroneous payment or deposit had been properly made, provided that Lessee shall correct such erroneous payment within thirty (30) days following receipt by Lessee of written notice from such Lessor of the error accompanied by any documents and other evidence necessary to enable Lessee to make proper payment.~~

~~7. Lessee is hereby given the right at its option, at any time and from time to time and either before or after production, to pool for development and operation purposes all or any part or parts of Leased Premises and as to any one or more formations thereunder, or rights therein with any other land in the vicinity thereof, or with any leasehold, operating or other rights or interests in such other land so as to create units of such size and surface acreage as Lessee may desire. If at any time larger units are required under any then applicable law, rule, regulation or order of any governmental authority for the drilling, completion or operation of a well, or for obtaining maximum allowable from any contemplated, drilling or completed well, any such unit may be established or enlarged to conform to the size specified by such law, rule, regulation or order. Each unit shall be created by Lessee's recording a Declaration of Pooling containing a description of the unit so created.~~

~~Operations on any part of any lands so pooled shall, except for the payment of royalties, be considered operations on Leased Premises under this Lease, and, notwithstanding the status of a well at the time of pooling, such operations shall be deemed to be in connection with a well which was commenced on Leased Premises under this Lease. The term "operations" as used herein shall include, without limitation, the following: commencing operations for a well; construction of roadways; preparation of drillsite; drilling, testing, completing, reworking, recompleting, deepening, or plugging back of a well; repressuring; pressure maintenance; cycling; secondary recovery operations; or the production of oil or gas, or the existence of a shut-in well capable of producing oil or gas. For the purpose of this Lease the phrase "commence operations for a well" shall mean any activity necessary or convenient to drilling a well including but not limited to surveying, staking, or permitting, or clearing a drillsite or any one or more of the above.~~

~~There shall be allocated to the portion of Leased Premises included in any such pooling such proportion of the actual production from all lands so pooled as such portion of Leased Premises, computed on a net acreage basis, bears to the entire acreage of the lands so pooled. The production so allocated shall be considered for the purpose of payment or delivery of royalty to be the entire production for the portion of Leased Premises included in such pooling in the same manner as though produced from such portion of Leased Premises under the terms of this Lease.~~

8. Lessor at Lessor's sole cost, risk and expense shall have the right to take out of any surplus gas, i.e. gas not needed for operations, free gas for Lessor's principal use on the herein above described land, from any well or wells drilled hereunder that are actually located on the above described land. The amount of such gas that Lessor may take from any well or wells during the period of any one (1) year (commencing with the date of first taking) shall not exceed 250,000 cubic feet. It is understood and agreed by Lessor that such gas will be in its natural, unprocessed, unoderized state and that Lessee will in no way be obligated to provide continuous deliveries unless practical and consistent with reasonably prudent operating standards to do so. Moreover, in the event Lessor elects to take gas pursuant to this paragraph, Lessor agrees to enter into a Gas Use Agreement acceptable to Lessee.

9. If the Lessor owns a lesser interest in the above described land than the entire and undivided mineral estate therein, whether stated hereinabove as whole or partial interest, then the royalties and rentals herein provided for shall be paid the said Lessor only in the proportion which his interest bears to the whole and undivided mineral estate. There shall be no relationship between the amount of rentals paid hereunder and the amount of royalties which may be paid on production.

10. If the estate of either party is assigned, and the privilege of assigning in whole or in part is hereby expressly allowed, the covenants hereof shall extend to their heirs, executors, administrators, successors, or assigns, but no change or division in the ownership of the land or the minerals in and under the same or assignment of rentals or royalties shall enlarge the obligations or diminish the rights of Lessee, nor be binding on Lessee unless Lessee shall have been furnished ninety (90) days before payment hereunder of such rentals or royalties, with certified copies of recorded instruments showing evidence of title; and it is hereby agreed that in the event this Lease shall be assigned as to a part or as to parts of the land and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this Lease insofar as it covers any part or parts of said land upon which Lessee or any assignee of Lessee shall make due payment of said rental. If six or more parties become entitled to rentals or royalties hereunder, Lessee may withhold payment thereof unless and until furnished with a recordable instrument executed by all of such parties designating an agent to receive payment for all.

11. Lessee shall have the right to use, free of cost, gas, oil and water found on said land for its operations, except water from the wells of the Lessor. When required by the Lessor, the Lessee shall bury its pipelines below plow depth and shall pay reasonable damages for injury by reason of its operations to growing crops on said land. No well shall be drilled nearer than 200 feet to any house or barn or other structure on the Leased Premises as of the date of this Lease without the written consent of the Lessor. Lessee shall have the right at any time during, or after the expiration of this Lease to enter upon the Leased Premises and to remove all machinery, fixtures, and other structures placed on said Leased Premises, including the right to draw and remove all casing, but the Lessee shall be under no obligation to do so.

12. Notwithstanding anything contained in this Lease to the contrary, it is expressly agreed that if the Lessee shall commence operations as provided herein at any time while this Lease is in force, this Lease shall remain in force and its terms shall continue so long as such operations are prosecuted, and if production results therefrom, then as long as production is maintained.

13. If within the primary term of this Lease production on the Leased Premises shall cease from any cause, this Lease shall not terminate provided operations for the drilling of a well shall be commenced on or before the next ensuing rental payment date, or provided Lessee begins or resumes the payment of rentals in the manner and amount hereinbefore provided. If, after the expiration of the primary term of this Lease, production on the Leased Premises should cease from any cause, this Lease shall not terminate provided Lessee commences operations for additional drilling or reworking within sixty (60) days from such cessation, and this Lease shall remain in force during the prosecution of such operations and if production results therefrom, then as long as production is maintained.

14. Lessee may at any time surrender or cancel this Lease in whole or in part by delivering or mailing such release to the Lessor, or by placing such release of record in the proper County. In case this Lease is surrendered or cancelled as to only a portion of the acreage covered thereby, then all payments and liabilities thereafter accruing under the terms of this Lease as to the portion cancelled shall cease, and any rentals thereafter paid may be apportioned on an acreage basis. As to the portion of the acreage not released, the terms and provisions of this Lease shall continue and remain in full force and effect for all purposes.

15. Lessor agrees not to take, nor cause any others to take, any action that in any way prohibits, impedes, slows down, enjoins, delays, hampers, damages, or in any way adversely affects any of the Lessee's rights granted by this Lease.

16. When drilling or other operations are prevented, delayed, or interrupted by storm, flood, or by other act of God, fire, war, rebellion, insurrection, riot, strikes, differences with workmen, or failure of carriers to transport or furnish facilities for transportation, or by reason of the lack or unavailability of material or equipment, or as a result of some order, requisition or necessity of the government, or while legal action contesting Lessor's title to the Leased Premises or Lessee's rights therein by virtue hereof shall be pending final adjudication in a court assuming jurisdiction thereof, or as a result of any cause whatsoever beyond the control of the Lessee, the time of such delay or interruption shall not be counted against Lessee, anything in this Lease to the contrary notwithstanding. All express or implied covenants of this Lease shall be subject to all Federal and State laws, Executive orders, rules or regulations and this Lease shall not be terminated, in whole or in part, nor shall Lessee be held liable in damages for failure to comply therewith if compliance is prevented by, or if such failure is the result of, any such law, order, rule or regulation. If from such causes Lessee is prevented from conducting drilling or reworking operations on, or producing oil or gas from, the Leased Premises, or land pooled therewith, the time while Lessee is so prevented shall not be counted against Lessee, and this Lease shall be extended for a period of time equal to that during which Lessee is so prevented from conducting drilling or reworking operations on, or producing oil or gas from, such Leased Premises or land pooled therewith, notwithstanding any other provision hereof.

17. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee, at its option, may pay or discharge in whole or in part any taxes, encumbrances, or other liens existing, levied or assessed against the above described lands, and in the event Lessee exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying any royalty or rentals accruing hereunder to the amount of any such encumbrance, tax or other lien paid by Lessee. Lessor further warrants that no valid lease for oil or gas exists on the land herein described other than this Lease and that Lessor will protect and save harmless Lessee for any losses sustained by Lessee due to the existence of another valid lease on this land.

right of dower, curtesy and homestead may in any way effect the purposes for which this lease is made as recited herein.

20. This Lease shall not terminate for failure to pay rentals for any period until and unless Lessor gives the Lessee or its assigns ten (10) days written notice by registered mail of the failure to pay said rental and said rental is not paid within said ten (10) days. Furthermore, no default shall be declared against Lessee by the Lessor for failure of the Lessee to make payment or perform any conditions provided for herein unless the Lessee shall refuse to pay, tender, or attempt to pay or commence performance of the same for ten (10) days after having received written notice by registered mail from the Lessor of his intention to declare such default. Further, no default shall be declared against Lessee by Lessor for any errors, omissions, incorrections or any other defects in notarization, filing, or witness of this Lease.

21. The provisions of this Lease shall be construed as covenants running with the land and shall inure to the benefit of and be binding upon the parties hereto, their heirs, executors, administrators, successors and assigns. Should any one or more of the parties named above as Lessor fail to execute this Lease, it shall nevertheless be binding upon the party or parties executing the same. This lease may be executed in counterpart and any such counterpart shall be binding upon the party executing same from and after such execution.

22. Notwithstanding anything herein this lease to the contrary, it is understood and agreed by and between the parties hereto that Lessee may not assign all or any part of this lease to any Company or Person other than Apcot-Finadel Joint Venture without prior written consent of Lessor.

23. This lease covers only Oil, Gas, Casinghead Gas, and other liquid hydrocarbons produced and saved from the leased premises. All other minerals of whatsoever nature or kind are reserved by Lessor.

IN WITNESS WHEREOF this Lease is executed as of the date first set out hereinabove.

Harry L. Shepherd

Harry L. Shepherd
SS# 235-22-7749

Edith Shepherd

Edith Shepherd
SS# 232-36-2508

STATE OF _____ SS. (INDIVIDUAL)
COUNTY OF _____

Before me _____, a Notary Public in and for _____ County,
_____ on this day personally appeared _____

known to me to be the person whose name _____ subscribed to the foregoing instrument, and acknowledged to me that _____ he _____ executed the same for the purposes and considerations therein expressed, including the relinquishment of dower, homestead and curtesy.

Given under my hand and seal of office this _____ day of _____, 19____.

My commission expires:

Notary Public

STATE OF _____ SS. (INDIVIDUAL)
COUNTY OF _____

Before me _____, a Notary Public in and for _____ County,
_____ on this day personally appeared _____

known to me to be the person whose name _____ subscribed to the foregoing instrument, and acknowledged to me that _____ he _____ executed the same for the purposes and considerations therein expressed, including the relinquishment of dower, homestead and curtesy.

Given under my hand and seal of office this _____ day of _____, 19____.

My commission expires:

Notary Public

12/08/2023

STATE OF WEST VIRGINIA

COUNTY OF JACKSON

SS.

(JOINT)

Commissioner

On this 22nd day of May, 1984, before me the undersigned Notary Public in and for said County and State,

personally appeared Harry L. Shepherd, and Edith Shepherd his wife, known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledged that they executed the same as their free and voluntary act and deed for the purposes and consideration therein mentioned and set forth, including the relinquishment of dower, curtesy and homestead. In witness whereof I have hereunto set my hand and official seal

My commission expires:

James E. [Signature] Notary Public Commissioner for W.V.

STATE OF

COUNTY OF

SS.

(JOINT)

On this _____ day of _____, 19____, before me the undersigned Notary Public in and for said County and State,

personally appeared _____, and _____ his wife, known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledged that they executed the same as their free and voluntary act and deed for the purposes and consideration therein mentioned and set forth, including the relinquishment of dower, curtesy and homestead. In witness whereof I have hereunto set my hand and official seal.

My commission expires:

Notary Public

STATE OF _____

COUNTY OF _____

SS.

(CORPORATION)

On this _____ day of _____, 19____, before me the undersigned Notary Public, duly commissioned, qualified and acting, within and for said County and State, appeared in person the within-named _____

and _____, to

me personally well known, who stated that they were the _____ President and _____

Secretary of _____ a corporation and were duly authorized in their respective capacities to execute the foregoing instrument for and in the name and behalf of said corporation, and further stated and acknowledged that they had so signed, executed and delivered said foregoing instrument for the consideration, uses and purposes therein mentioned and set forth. In testimony whereof, I have hereunto set my hand and official seal this _____ day of _____, 19____.

My commission expires:

Notary Public

This Instrument Prepared By TXO Production Corp., 1700 Pacific Avenue, LB-10, Dallas, Texas 75201

Return: TXO Production Corp, 900 Charleston Plaza National Plaza Charleston, WV 25301

STATE OF WEST VIRGINIA, JACKSON COUNTY COMMISSION CLERK'S OFFICE, May 22 1984 9:10 A.M. FB NO. 1837

The foregoing Instrument together with the certificate thereto annexed was this day admitted to record in said office.

Teste: Annabelle Taylor, Clerk

Rv: [Signature]

1984 MAY 22 AM 9:10 1837

12/08/2023



RECEIVED

JUN 3 - 1985

OIL & GAS DIVISION

DEPT. OF MINES

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

This is to acknowledge that the wells listed on the reverse of this form are hereby transferred from TXO Production Corporation 50375 (the transferor) to Carl E. Smith Petroleum, Inc. (the transferee).

The transferee by this document is accepting all responsibility for compliance with the provisions of Chapter 22 Article 4 of the West Virginia Code and all rules and regulations promulgated thereunder, for the listed wells.

The transferee's designated agent (name) Carl E. Smith 45650, (address) P.O. Box 4, Sandyville, WV 25275-0004, is on file with the Office of Oil and Gas.

The transferee has bonded the said wells by securities, cash, or surety (circle one) bond identified below by amount, effective date, issuing authority, and any identifying number. Blanket Bond on file.

(Transferee) Carl E. Smith Petroleum, Inc.
By Larry D. Smith
Its Vice President

Taken, subscribed and sworn to before me this 29th day of May 19 85
Notary Public Norman L. Jost
My commission expires March 24, 1990

(Transferor) TXO Production Corp.
By [Signature]
Its Agent

Taken, subscribed and sworn to before me this 29th day of May 19 85
Notary Public Lisa D. Keagle
My commission expires 1/22 19 95

ACCEPTED THIS 5th DAY OF July, 19 85
BY: [Signature]



Division Oil & Gas 12/08/2023

*file
out*

API (Permit) Number

47 - 035 - 1973

Farm Name

Harry L. Shepherd

Operator's Well Number

Shepherd "D" #1



IV-35
(Rev 8-81)

Date August 1, 1985
Operator's
Well No. #1
Farm Shepherd "D"
API No. 47 - 035 - 1973

State of West Virginia
Department of Mines
Oil and Gas Division

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

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

LOCATION: Elevation: 764' Watershed Right Fork of Sandy Creek
District: Ravenswood County Jackson Quadrangle Liverpool

COMPANY Carl E. Smith Petroleum, Inc.
ADDRESS P.O. Box 4, Sandyville, WV 25275
DESIGNATED AGENT Carl E. Smith
ADDRESS P.O. Box 4, Sandyville, WV 25275
SURFACE OWNER Edith Shepherd ET AL
ADDRESS Liverpool Road, Sandyville, WV 25275
MINERAL RIGHTS OWNER Edith Shepherd ET AL
ADDRESS Liverpool Road, Sandyville, WV 25275
OIL AND GAS INSPECTOR FOR THIS WORK Jerry Tephabock
ADDRESS Rt. 1, Box 101 A, Ripley, WV
PERMIT ISSUED 7-6-84
DRILLING COMMENCED 7-15-84
DRILLING COMPLETED 7-18-84

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	305'	305'	To surf.
7			
5 1/2			
4 1/2			
3			
2			
Liners used			

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

GEOLOGICAL TARGET FORMATION Berea Depth 2413-2416 feet
Depth of completed well 2525 feet Rotary X / Cable Tools _____
Water strata depth: Fresh --- feet; Salt --- feet
Coal seam depths: --- Is coal being mined in the area? _____

OPEN FLOW DATA
Producing formation Berea Pay zone depth 2413-2416 feet
Gas: Initial open flow -0- Mcf/d Oil: Initial open flow -0- Bbl/d
Final open flow -0- Mcf/d Final open flow -0- 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

12/08/2023

(Continue on reverse side)

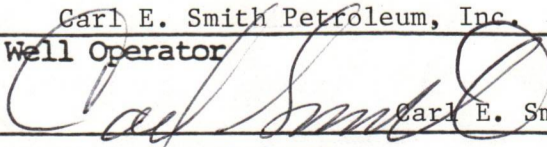
DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Not Treated

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Salt Sands			1526	1596	
Maxon			1736	1808	
Little Lime			1820	1857	
Big Lime			1860	1954	
Big Injun			1990	2035	
Berea			2413	2416	
T.D.				2525	

(Attach separate sheets as necessary)

Carl E. Smith Petroleum, Inc.
Well Operator
By:  Carl E. Smith, President
Date: August 1, 1985
12/08/2023

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."

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

RECEIVED

JUL 25 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 035 1973

Oil or Gas Well _____
(KIND)

Company <u>TXO Corp.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Shephard</u>	16			Kind of Packer _____
Well No. <u>D #1</u>	13			
District _____ County <u>Jackson</u>	10			Size of _____
Drilling commenced <u>7n 15 84 2:00PM</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

FWA Rig 13 Robert Boggs

Remarks: _____

7 15 84 Spud Date 11'' surface hole 349' td 9:00pm ran 313.5 KB 95/8 csg plug down 11 :00pm return to surface. Cement by Western 100 sks neat 3% cacl 1/4 lb per sk celloflake. mud sample weighed 15 lb.

7 15 84
DATE

James T. [Signature]
12/08/2023

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: _____

DATE

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

12/08/2023

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

RECEIVED

JUL 25 1984

INSPECTOR'S WELL REPORT

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

Permit No. 035 1973

Company <u>TXO</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Shephard</u>	16			Kind of Packer _____
Well No. _____	13			
District _____ County <u>Jackson</u>	10			Size of _____
Drilling commenced <u>7 15 84</u>	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

FWA Rig 13 Boggs

Remarks: _____

Drilling at 592

7 16 84

DATE

James T. [Signature]
12/08/2023

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: _____

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

INSPECTOR
12/06/2023

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

RECEIVED

JUL 25 1984

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

Permit No. 035 1973

Oil or Gas Well _____
(KIND)

Company <u>TXO</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Shephard</u>	16			Kind of Packer _____
Well No. _____	13			
District _____ County <u>Jackson</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed <u>7 18 84</u> Total depth <u>2488</u>	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbla., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

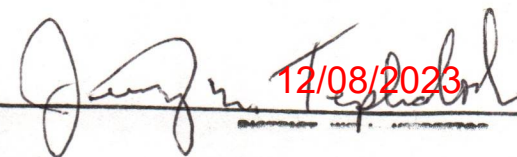
Drillers' Names _____

Remarks: _____

TD 2488 no show on log waiting to Drill deeper or plug.

7 18 84

DATE


12/08/2023

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: _____

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



1) Date: July 2, 19 85
2) Operator's Well No. Shepherd "D" #1 well 300
3) API Well No. 47 - 035 - 1973P
State County Permit

RECEIVED
JUL 5 1985

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS, DEPARTMENT OF ~~MINES~~ **ENERGY**

APPLICATION FOR A PERMIT TO PLUG AND ABANDON A WELL

OIL & GAS DIVISION
DEPT. OF MINES

- 4) WELL TYPE: A Oil _____ / Gas X / Liquid injection _____ / Waste disposal _____
B (If "Gas", Production _____ / Underground storage) _____ / Deep _____ Shallow X /)
- 5) LOCATION: Elevation: 764 Watershed: Right Fork of Sandy Creek
District: Ravenswood 2 County: Jackson Quadrangle: Liverpool 439
- 6) WELL OPERATOR Carl E. Smith Petroleum, Inc. 7) DESIGNATED AGENT Carl E. Smith Petroleum, Inc.
Address P. O. Box #4 Address P. O. Box #4
Sandyville, WV 25275-0004 45656 Sandyville, WV 25275-0004
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) PLUGGING CONTRACTOR
Name Jerry Tephabock Name Carl E. Smith Petroleum, Inc.
Address Route #1, Box 101A Address P. O. Box #4
Ripley, WV 25271 Sandyville, WV 25275-0004

10) WORK ORDER: The work order for the manner of plugging this well is as follows:

Gel Hole	2,532' - 2,300'
Cement Plug	2,300' - 2,200'
Gel	2,200' - 2,050'
Cement Plug	2,050' - 1,950'
Gel	1,950' - 750'
Cement Plug	750' - 600'
Gel	600' - 350'
Cement Plug	350' - 250'
Gel	250' - 50'
Cement Plug	50' - surface

A monument will be erected thirty inches above ground level and will include the following information:
API NO.
COMPANY NAME
WELL NAME & NUMBER
PLUGGING DATE

OFFICE USE ONLY

PLUGGING PERMIT

Permit number 47-035-1973 P

Date August 9 1985

This permit covering the well operator and well location shown below is evidence of permission granted to plug 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 24 hours before actual permitted work has commenced.**

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

Permit expires August 9, 1987 unless plugging is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat:	Casing	Fee
	<u>ALB</u>	<u>MH</u>	<u>MH</u>	<u>NA</u>

[Signature]
Administrator, Office of Oil and Gas
DIRECTOR, DIVISION

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

File

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

12/08/2023

OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED PLUGGING

APPLICANT'S NAME: Carl E. Smith Petroleum, Inc.
 ADDRESS: P. O. Box 14, Sandvillie, WV 25275-0004
 COUNTY: Jackson
 DISTRICT: Levenswood
 LOCATION: Right Fork of Sandy Creek
 WELL TYPE: Oil
 WELL IDENTIFICATION NUMBER: 702
 OPERATOR: Carl E. Smith Petroleum, Inc.
 ADDRESS: P. O. Box 14, Sandvillie, WV 25275-0004
 CONTRACTOR: Carl E. Smith Petroleum, Inc.
 ADDRESS: P. O. Box 14, Sandvillie, WV 25275-0004

10. WORK ORDER: The work order for the amount of plugging is as follows:

PLUGGING DATE	WELL NAME & NUMBER	COMPANY NAME	API NO.	DEPTH	TYPE
250'				2,300'	Cement Plug
350'				2,200'	Cement Plug
600'				2,050'	Cement Plug
750'				1,950'	Cement Plug
800'				1,950'	Cement Plug
850'				1,950'	Cement Plug
900'				1,950'	Cement Plug
950'				1,950'	Cement Plug
1,000'				1,950'	Cement Plug
1,050'				1,950'	Cement Plug
1,100'				1,950'	Cement Plug
1,150'				1,950'	Cement Plug
1,200'				1,950'	Cement Plug
1,250'				1,950'	Cement Plug
1,300'				1,950'	Cement Plug
1,350'				1,950'	Cement Plug
1,400'				1,950'	Cement Plug
1,450'				1,950'	Cement Plug
1,500'				1,950'	Cement Plug
1,550'				1,950'	Cement Plug
1,600'				1,950'	Cement Plug
1,650'				1,950'	Cement Plug
1,700'				1,950'	Cement Plug
1,750'				1,950'	Cement Plug
1,800'				1,950'	Cement Plug
1,850'				1,950'	Cement Plug
1,900'				1,950'	Cement Plug
1,950'				1,950'	Cement Plug
2,000'				1,950'	Cement Plug
2,050'				1,950'	Cement Plug
2,100'				1,950'	Cement Plug
2,150'				1,950'	Cement Plug
2,200'				1,950'	Cement Plug
2,250'				1,950'	Cement Plug
2,300'				1,950'	Cement Plug
2,350'				1,950'	Cement Plug
2,400'				1,950'	Cement Plug
2,450'				1,950'	Cement Plug
2,500'				1,950'	Cement Plug
2,550'				1,950'	Cement Plug
2,600'				1,950'	Cement Plug
2,650'				1,950'	Cement Plug
2,700'				1,950'	Cement Plug
2,750'				1,950'	Cement Plug
2,800'				1,950'	Cement Plug
2,850'				1,950'	Cement Plug
2,900'				1,950'	Cement Plug
2,950'				1,950'	Cement Plug
3,000'				1,950'	Cement Plug

OFFICE USE ONLY

This part of Form IV-4(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Follow-up inspection(s)	Date(s)
Application received			
Plugging started		" "	
Plugging completed		" "	
Well Record received		" "	

OTHER INSPECTIONS

Reason: _____
 Reason: _____

Board	✓
Agent	W.F.
Plat	104
County	WV

[Handwritten Signature]
 Director, Division of Oil and Gas



1) Date: July 2, 1985
2) Operator's Well No. Shepherd "D" #1 well 300
3) API Well No. 47 - 035 - 1973
State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS, DEPARTMENT OF MINES
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

1) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Edith Shepherd & Harry Shepherd
Address Liverpool Road

Sandyville, WV 25275

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5 (i) COAL OPERATOR

Address _____

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:

Name _____

Address _____

Name _____

Address _____

5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:

Name _____

Address _____

RECEIVED

JUL 5 1985
OIL & GAS DIVISION
DEPT. OF MINES

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

- (1) The Application to Plug and Abandon a Well on Form IV-4(B), which sets out the parties involved in the work, and describes the well and its location and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form IV-6.

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-4(B)) 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 Permit to plug and abandon a well with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to the well at the location described on the attached Application and depicted on the attached Form IV-6. Copies of this Notice, the Application, and the plat 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.

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

Norman L. East
this 3 day of July, 1985.
My commission expires March 24, 1990.

Norman L. East
Notary Public, Dickson County,
State of West Virginia

WELL OPERATOR CARL E. SMITH PETROLEUM, INC.

By Larry D. Smith LARRY D. SMITH
Its VICE PRESIDENT

Address P. O. BOX #4
Sandyville, WV 25275-0004

Telephone (304) 273-9313

I N S T R U C T I O N S T O A P P L I C A N T

C O N C E R N I N G T H E L I N E I T E M S :

- 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 § 22-4-1m(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.

C O N C E R N I N G T H E R E Q U I R E D C O P I E S F O R F I L I N G A N D S E R V I C E :

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and two copies of the Application must be filed with the Administrator, accompanied by (i) an original and four copies of the Notice, (ii) an original and four copies of a plat in the form prescribed by Regulation 11, and (iii) a bond in one of the forms prescribed by Regulation 2, or in lieu thereof the other security allowed by Code § 22-4-9.

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 and 22-4-9.



27 SEP 05 11:23 AM
RECL. - CHAS.

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

N/A
Coal Operator or Owner

Address

N/A
Coal Operator or Owner

Address

Edith Shepherd
Lease or Property Owner
Sandyville, WV
Address

Carl E. Smith Petroleum, Inc.
Name of Well Operator
P. O. Box #4; Sandyville, WV 25275-0004
Complete Address

September 20 1985
WELL AND LOCATION

Ravenswood District

Jackson County

WELL NO. "D" #1 (#300)

Edith Shepherd Farm

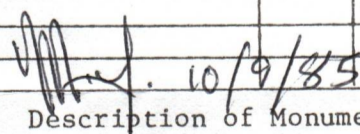
STATE INSPECTOR SUPERVISING PLUGGING Jerry Tephabock

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Jackson ss:

Jack E. Sutherland and William A. Weekley

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Carl E. Smith Petroleum, Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 16th day of September, 19 85, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
		8 5/8"		313'
2,300' - 2,200' (Isolates Berea)	Cement - 24 sacks			
2,050' - 1,950' (Isolates Big Injun)	Cement - 24 sacks			
750' - 650' (Isolates Pittsburg Sand)	Cement - 36 sacks			
350' - 250' (Isolates Casing Seat)	Cement - 25 sacks			
50' - surface (surface plug)	Cement - 13 sacks			
Hole gelled between cement plugs				
 . 10/9/85 Description of Monument				
Coal Seams		8" casing inscribed with:		
(Name)		Company name, permit no.,		
(Name)		plug date & farm name		
(Name)				

and that the work of plugging and filling said well was completed on the 20th day of September, 19 85.

And further deponents saith not.

Sworn to and subscribed before me this 24th day of September, 19 85.

William A. Weekley 12/08/2023
Jack E. Sutherland
Norman L. Jost
Notary Public

My commission expires:
March 24, 1990.

Permit No. 035-1973

JACK 1973

INSPECTOR'S PERMIT SUMMARY FORM

WELL TYPE _____
ELEVATION _____
DISTRICT _____
QUADRANGLE _____
COUNTY Jackson

API# 47- 035 1973 P
OPERATOR Carl E. Smith (TXO)
TELEPHONE _____
FARM Sheppard
WELL # _____

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____
DATE STARTED _____
LOCATION _____ NOTIFIED _____ DRILLING COMMENCED _____

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

CASING

Ran _____ feet of _____ "pipe on _____ with _____ 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

TD _____ feet on _____

PLUGGING

Type	From	To	Pipe Removed

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

Date Released 4 9 86

James R. Tschelch 12/08/2023
Inspector's signature

API# 47 _____ - _____

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS
 1615 Washington Street, East
 Charleston, West Virginia 25311
 Telephone: 348-3500

John Johnston
 Director

ARCH A. MOORE, JR.
 Governor

April 21, 1986

Carl E. Smith
 Post Office Box 4
 Sandyville, West Virginia 25275

In Re: Permit No: 47-035-1973-P
 Farm: Harry & Edith Sheppard
 Well NO: Sheppard D-1
 District: Ravenswood
 County: Jackson
 Issued: 8-09-85

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. ONLY the Column checked below applies:

XXXX The well designated by the above captioned permit number has been released under your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that executed said bond in your behalf, in order that they may give you credit on their records.

Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under bond coverage for life of the well.

Respectively,

Theodore M. Streit
 Deputy Director--Inspection & Enforcement

TMS/ nw

12/08/2023

IV-27
11/23/81

RECEIVED
MAY 29 1985



50375

OIL & GAS DIVISION
DEPT. OF MINES
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: 5 20 85
Well No: Edith Shepard
API NO: 47 - 035 1973
State County Permit

Oil and Gas Division
NOTICE OF VIOLATION

WELL TYPE: Oil X / Gas X / Liquid Injection / Waste Disposal /
Of "Gas" - Production X / Storage / Deep / Shallow /

LOCATION: Elevation: Watershed:
District: County: Jackson Quadrangle:

WELL OPERATOR TXO productions DESIGNATED AGENT Kenneth W. Tatarzyn
Address 900 National plaza Address
Chas WV 25301

The above well is being posted this 20 day of May, 1985, for a
violation of Code 22-4-7 and/or Regulation , set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Any well completed as a dry hole shall promptly be plugged by the operator
in accordance with the provisions of this article.

A copy of this notice has been posted at the well site and sent by certified or
registered mail to the indicated well operator or his designated agent.

You are hereby granted until 5 27 85, 19 , to abate this violation.

Failure to abate the violation may result in action by the Department under
Code 22-4-17 or Code 22-4-18.

Jerry M. Tephabock
Oil and Gas Inspector
Address Jerry M. Tephabock
Rt.1, Box 1010A
Ripley WV 25271

Telephone: 304 372 6801 12/08/2023

20377



RECEIVED
MAY 29 1988

1173281
1V-27

DEPT. OF MINES
OIL & GAS DIVISION
STATE OF WEST VIRGINIA

Oil and Gas Division
NOTICE OF VIOLATION

Date: 5-20-88
Well No: 14131-2
API NO: 47-1035-1022
State County Permit

WELL TYPE: Oil Gas Liquid Injection Waste Disposal
Of "Gas" - Production Storage Deep Shallow
LOCATION: Elevation: _____ Watershed: _____
District: _____ County: _____ Quadrangle: _____
WELL OPERATOR: _____ DESIGNATED AGENT: _____
Address: _____
Case # 25271

The above well is being posted this 20 day of May, 1988, for a violation of Code 22-4-17 and/or Regulation _____ set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)
Any well completed as a dry hole shall promptly be plugged by the operator in accordance with the provisions of this article.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.
You are hereby granted until 5:23 PM, 1988, to abate this violation.
Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Oil and Gas Inspector
Address: _____
P.O. Box 1014
Martinsburg, WV 25271
Telephone: 304 375 6800

12/08/2023

IV-27
11/23/81

RECEIVED

JUL 18 1984



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: 7 10 84

Well No: Shephard #D1

API NO: 47 - 035 1973

State County Permit

OIL & GAS DIVISION
DEPT. OF MINES

**Oil and Gas Division
NOTICE OF VIOLATION**

WELL TYPE: Oil x / Gas x Liquid Injection / Waste Disposal /
 Of "Gas" - Production x / Storage / Deep / Shallow /

LOCATION: Elevation: Watershed:
 District: County: Jackson Quadrangle:

WELL OPERATOR TXO Production Corp/ DESIGNATED AGENT Larry Albright
 Address 900 chas national Plaza Address
Chas WV 25301 Chas WV

The above well is being posted this 12th day of July, 1984, for a violation of Code 22-4-12B and/or Regulation 23.06, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

23.06 Prior to construction of roads, locations, and pits for any permitted well work, the operator or his contractor shall notify the proper oil and Gas inspector to allow him the opportunity of inspection and approving the construction, ETC., for all proposed areas to be disturbed in siting, drilling, completing, or producing the well. This violation can be abated by the proper official notifying the inspector as to why he was not properly notified before any permitted work was started.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until 7n16, 1984, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Joseph Tephoboch
 Oil and Gas Inspector
 Address RT.1, Box 101-A
Ripley WV 25271

Telephone: 304 372 6801 **12/08/2023**



RECEIVED
JUL 18 1984
IV-11
11/13/84

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
DEPT. OF MINES
NOTICE OF VIOLATION

Date: 7/10/84
Well No: 2501
API No: 47-05-1975
State County Permit

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
Of "Gas" - Production / Storage / Deep / Shallow
LOCATION: Elevation: / Watershed:
District: / County: / Quadrangle:
WELL OPERATOR: LYO PRODUCTION CORP. / DESIGNATED AGENT: Jerry K. [unclear]
Address: 200 Chesapeake Plaza / Chesapeake, WV 25301

The above well is being posted this 12th day of July, 1984, for a violation of Code 22-4-12B and/or Regulation 25.08, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

25.08 Prior to construction or reade, locations, and gas for any permitted well work, the operator or his contractor shall notify the proper oil and gas inspector to allow him the opportunity of inspection and approving the construction, etc., for all proposed areas to be drilled in sitting, drilling, completing, or producing the well. This violation can be noted by the proper official notifying the inspector as to why he was not properly notified before any permitted work was started.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent. You are hereby granted until 19:00 to abate this violation. Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Oil and Gas Inspector
Address: Rt. 1, Box 1074
Kiplax, WV 25301

Telephone: 204 574 6605

12/08/2023

RECEIVED
JUL 18 1984

Date: 7 13 84
Operator's Well Number Shephard #D 1
API Well No.: 47 - 035 1973
State County Permit

OIL & GAS DIVISION
DEPT. OF MINES

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

NOTICE OF ABATEMENT

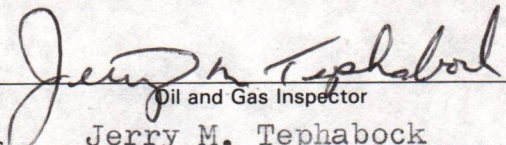
WELL TYPE: Oil / Gas Liquid Injection _____ / Waste disposal _____
 Underground
If "Gas" - Production / Storage _____ / Deep _____ / Shallow _____
LOCATION: Elevation: _____ Watershed: _____
District: _____ County: Jackson Quadrangle: _____
WELL OPERATOR TXO Production Corp. DESIGNATED AGENT Larry Albright
Address 900 chas Nat Plaza, Chas WV 25301 Address _____

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 7 13 84, 1984,
The violation of Code § 22 4 12B heretofore found to exist on July 12, 1984, by Form IV-27, "Notice of Violation" / Form IV-28, "Imminent Danger Order" _____ of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

Violation Abated.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.


Oil and Gas Inspector
Address Jerry M. Tephabock
RT1, Box 101-A
Ripley, WV 25271
Telephone 304 372 6805

RECEIVED
 JUL 18 1984
 FORM IV-28
 9-83

Date: 7-13-84
 Operator's Name: Shepherd, B. I.
 Well Number: A7
 API Well No.: 1055 1073
 State: County: Permit:

DEPT. OF MINES
 OIL & GAS DIVISION
 STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION

NOTICE OF ABATEMENT

WELL TYPE: Oil Gas Liquid Injection Waste disposal
 LOCATION: Elevation: _____
 District: _____
 County: _____
 Well Operator: TCO Exploration Corp.
 Designated Agent: Terry A. [unclear]
 Address: 900 Chesapeake Plaza, Chesapeake, WV 25801

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 7-13-84. The violation of Code 20-2-2, "Notice of Violation", Form IV-28, "Imminent Danger Order", of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Address: _____
 Telephone: _____
 304 375 8302

GERRY M. TETSBROCK
 Oil and Gas Inspector

12/08/2023

IV-27
11/23/8

RECEIVED

MAY 29 1985

OIL & GAS DIVISION
DEPT. OF MINES



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

50375
Date: 5 20 85
Well No: Edith Shepard
API NO: 47 - 035 1973
State County Permit

Oil and Gas Division
NOTICE OF VIOLATION

526
WELL TYPE: Oil / Gas Liquid Injection ___ / Waste Disposal ___ /
Of "Gas" - Production / Storage ___ / Deep ___ / Shallow ___ /
LOCATION: Elevation: ___ Watershed: ___
District: ___ County: Jackson Quadrangle: ___
WELL OPERATOR TXO Productions DESIGNATED AGENT Kenneth W. Tatarzyn
Address 900 National Plaza Address ___
Chas WV 25301

The above well is being posted this 20 day of May, 19 85, for a violation of Code 22-4-12B and/or Regulation a, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

With in 6 months after completion of the drilling proceds, the operator shall fill all the pits for containing mud, cuttings, salt water, and oil that are not needed for productions purposes, Etc., within such period the operator shall grade, terrace, plant, seed or sod the area distrubed that is not needed in production of the well, where necessary to bind the soil and prevent substantial erions and sedimentation.

To abate: road and location must be reclaimed, reseeded, limed, fertilized, and mulched.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until 5 27 85, 1985, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Jerry M. Tephabock
Oil and Gas Inspector
Address Jerry M. Tephabock
RT.1, Box 101-A
Ripley /WV 25271
304 372 6805

Telephone: 12/08/2023

20322



RECEIVED
MAY 20 1953

IV-27
1123278

Date: 5-20-53
Well No: 47-055-1033
API NO: 47-055-1033
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division
NOTICE OF VIOLATION

230

WELL TYPE: Oil Gas Liquid Injection Waste Disposal
Of "Gas" - Production Storage Deep Shallow
LOCATION: Elevation: _____ Watershed: _____
District: _____ County: Jackson _____
WELL OPERATOR: _____
Address: _____
DESIGNATED AGENT: _____
Address: _____

The above well is being posted this 20 day of May, 1953, for a violation of Code 22-4-15 and/or Regulation 8, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

With an 8 month after completion of the drilling process, the operator shall fill the well for cementing and grouting with water, and oil base cement for production purposes, within such period as the operator shall state, and if the operator fails to do so, the operator shall be liable for the cost of the cement and grouting.

To state: road and location must be rockmarked, resurveyed, staked, and marked.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.
You are hereby granted until 5:00 PM, 5/22/53, to abate this violation.
Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Oil and Gas Inspector
Address: _____
Telephone: _____

12/08/2023

PS Form 3811, Dec. 1980

SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

- 1. The following service is requested (check one).
 - Show to whom and date delivered \$
 - Show to whom, date, and address of delivery .. \$
 - 2. RESTRICTED DELIVERY (The restricted delivery fee is charged in addition to the return receipt fee.) \$
- TOTAL \$

3. ARTICLE ADDRESSED TO: TXD Productions
c/o Kenworth Truck Co
900 NAT. PLAZA
CHARLOTTE, NC 28203

4. TYPE OF SERVICE:	ARTICLE NUMBER
<input type="checkbox"/> REGISTERED <input type="checkbox"/> INSURED	P022 147
<input type="checkbox"/> CERTIFIED <input type="checkbox"/> COD	504
<input type="checkbox"/> EXPRESS MAIL	

(Always obtain signature of addressee or agent)

I have received the article described above. SIGNATURE Addressee Authorized agent

Carla Volness

DATE OF DELIVERY 5-21-85 POSTMARK CHARLESTON, WV MAY 22 1985

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE: 7a. EMPLOYER'S INITIALS P

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

PS Form 3811, Jan. 1979

SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

- 1. The following service is requested (check one.)
 - Show to whom and date delivered..... \$
 - Show to whom, date and address of delivery..... \$
 - RESTRICTED DELIVERY Show to whom and date delivered..... \$
 - RESTRICTED DELIVERY. Show to whom, date, and address of delivery. \$

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO: TXD Production Corp
900 chas national plaza
charlotte nc 28201

3. ARTICLE DESCRIPTION:	CERTIFIED NO.	INSURED NO.
REGISTERED NO.	P521 292	
	014	

(Always obtain signature of addressee or agent)

I have received the article described above. SIGNATURE Addressee Authorized agent

Carole Dillinger

DATE OF DELIVERY 2-16-84 POSTMARK CHARLESTON, WV JUL 16 1984

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: 25801 CLERK'S INITIALS

GPO : 1979-300-459

POSTAL REGION 445

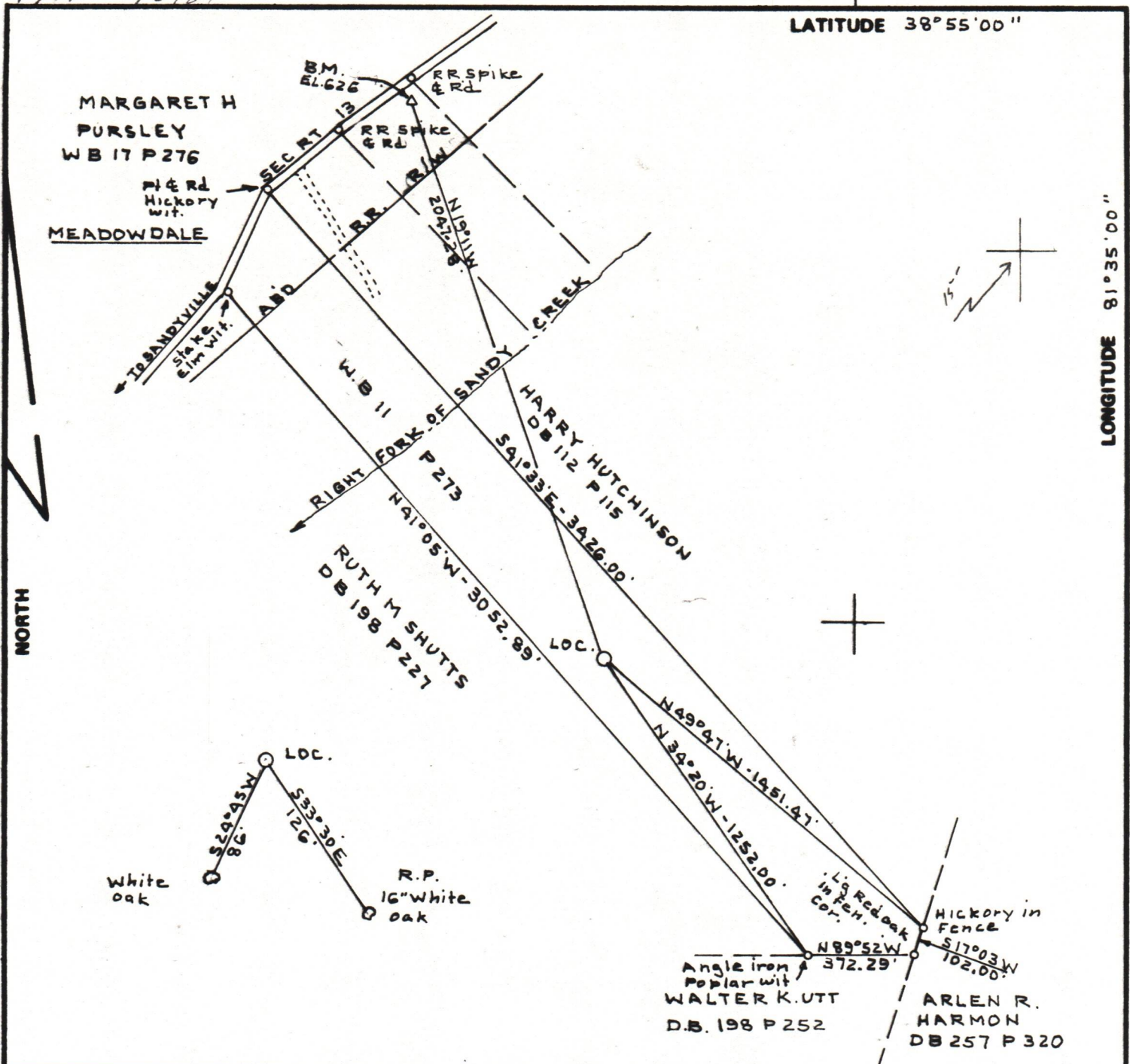
RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

MP 7/6/84

3800'

LATITUDE 38°55'00"

LONGITUDE 81°58'18"



FILE NO. BK 86 P1
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200'
 PROVEN SOURCE OF ELEVATION USGS BM DISK
Set vert. in rock out crop.
El 626.0'

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) C. S. Solley Jr.
 R.P.E. _____ L.L.S. 92

PLACE SEAL HERE

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



DATE JUNE 13, 1984
 OPERATOR'S WELL NO. SHEPHERD D-#1
 API WELL NO. _____
47 - 035 - 1973 - P
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 764.45 WATER SHED RIGHT FORK OF SANDY CREEK
 DISTRICT RAVENSWOOD COUNTY JACKSON
 QUADRANGLE LIVERPOOL
 SURFACE OWNER EDITH SHEPHERD, ETAL. ACREAGE 28
 OIL & GAS ROYALTY OWNER EDITH SHEPHERD, ETAL. LEASE ACREAGE 28
 LEASE NO. _____

12/08/2023

PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION BEREA ESTIMATED DEPTH 3000'
 WELL OP ADDRESS: Carl E. Smith Petroleum, Inc.
P.O. Box 4- Sandyville, WV 25275
 AGENT ADDRESS: Carl E. Smith, AGent
Same Address
 PH: 273-9313

JACK. - 1973-1