



1) Date: 26 March, 1984
 2) Operator's Well No. Holstein # 1
 3) API Well No. 47 - 035 - 1943
 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: 814.00' Watershed: Trace Fork of Sandy Creek
 District: Ravenswood County: Jackson Quadrangle: Ripley
- 6) WELL OPERATOR TXO Production Corp. 7) DESIGNATED AGENT Mr Larry Albrecht
 Address 900 Charleston Nat Plaza Address 900 Charleston Nat Plaza
Charleston, WV 25301. Charleston, WV 25301.
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Mr Jerry Tephabock Name Unknown
 Address Rt 1, Box 101-A Address _____
Ripley, WV 25271.
- 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, Oriskany
- 12) Estimated depth of completed well, 5400' feet
 13) Approximate trata depths: Fresh, 120' feet; salt, _____ feet.
 14) Approximate coal seam depths: 1000' Is coal being mined in the area? Yes / No

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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	9 5/8"			X		300'	300'	CTS by Rule	1505
Fresh water									
Coal	7"			X		2200'	2200'	320 sacks or as required	Size as required
Intermediate								by Reg. 15.01	
Production	4.5"			X			5400'		Depths set
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-035-1943 Date April 12, 1984

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

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

Permit expires April 12, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <u>ls</u>	Plat: <u>MH</u>	Casing <u>MH</u>	Fee <u>105</u>
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Margaret J. Dasse
 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) DESIGNATED POINT OF ENTRY ADDRESS: _____

2) WELL OPERATOR: _____

3) LOCATION: _____

4) PROPOSED WELL WORK: _____

5) GEOLOGICAL TARGET FORMATION: _____

6) APPROXIMATE DEPTH OF COMPLETED WELL: _____

7) APPROXIMATE DEPTH OF DESIGN: _____

8) APPROXIMATE ESTIMATED DEPTH: _____

9) APPROXIMATE ESTIMATED DEPTH: _____

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OIL & GAS DIVISION

OFFICE USE ONLY

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: _____

09/08/2023

1) Date: 26 March, 19 84
2) Operator's Well No. Holstein #1
3) API Well No. 47-035-1943
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 Mr. Paul L. Holstein
Address Rt 2 Box 82
Sandyville, WV 25275
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR

Address _____

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

Name None

Address _____

Name _____

Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:

Name _____

Address _____

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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 in 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 Meigs County and State by

Larry M. Albrecht
this 12th day of April, 1984.
My commission expires Feb. 14, 1994.

Carole L. Dillinger
Notary Public, Lancaster County,
State of West Virginia

WELL

OPERATOR TXO Production Corp.

By Mr. Larry M. Albrecht
Its Agent

Address 900 Charleston National Plaza
Charleston, WV 25301

Telephone 304-345-2610

09/08/2023

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.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book	Page
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09/08/2023



DATE March 17, 1984

WELL NO. Holstein #1

API NO. 47-035-1943

State of West Virginia
Department of Mines
Oil and Gas Division

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 Paul L. Holstein

SOIL CONS. DISTRICT Western
Larry Albrecht (Agent)

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: Mar 21 1984
(Date)

Wayne W. Hughes
(SCD Agent)

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OIL & GAS DIVISION
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ACCESS ROAD

LOCATION

Structure Cross drains (A)
Spacing 45'
Page Ref. Manual 2:4

Structure Drill Pit
Material Earth
Page Ref. Manual _____

Structure Diversion Ditch
Culvert 12" min (B)
Spacing N/A
Page Ref. Manual 2:7 2:8

Structure Diversion ditch (2)
Material _____
Page Ref. Manual _____

Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure _____ (3)
Material _____
Page Ref. Manual _____

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

REVEGETATION

Treatment Area I

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch 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 6.5
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.

09/08/2023

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.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE RIPLEY

LEGEND

Well Site ⊕

Access Road ———



FORM IV-2(B)
Reverse

SURFACE OWNER'S COPY

**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.

09/08/2023

Surface Owner

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

--all with respect to operator's Well No. Holstein # 1 located in Ravenswood District, Jackson County, West Virginia, upon the person or organization named--

T.X.O. Production Corp. 900 Charleston Nat. Plaza, Charleston, WV. 25301

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OIL & GAS DIVISION

--by delivering the same in Jackson County, State of West Virginia on the 10th day of April, 1984 in the manner specified below.

DEPT. OF MINES

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

- Handing it to him ✓ / her ✓ / or, because he / she / refused to take it when I offered it, by leaving it in his / her / presence.
- Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

- Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

- Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

- Handing it to the corporation's employee / officer / director / attorney in fact / named _____.

Douglas Black
(Signature of person executing service)

Taken, subscribed and sworn before me this 10th day of April, 1984.
My commission expires February 14, 1994.

Carole L. Dillingers
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

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APR 2 1963
OIL & GAS DIVISION
DEPT. OF MINES



09/08/2023



STATE OF WEST VIRGINIA
 OIL AND GAS CONSERVATION COMMISSION
 CHARLESTON 25305

April 12, 1984

Theodore M. Streit, Administrator
 Department of Mines
 Office of Oil and Gas

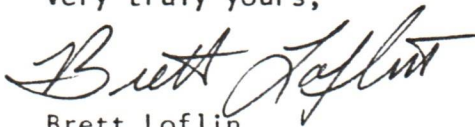
RE: APPLICATION FOR PERMIT #47- 035 - 1943 TO DRILL DEEP WELL
 COMPANY: TXO PRODUCTION CORPORATION
 FARM: PAUL L HOLSTEIN
 COUNTY: JACKSON DISTRICT: RAVENSWOOD

The application of the above company is APPROVED FOR ORISKANY COMPLETION
 (APPROVED - DISAPPROVED)

Applicant HAS complied with the provisions of Chapter twenty-two,
HAS - HAS NOT
 four-A (§22-4A), of the Code of West Virginia, nineteen hundred and thirty-one
 (1931), as amended, Oil and Gas Conservation Commission, as follows:

1. *Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners; Yes*
2. *Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of the deep well, well name, and the name and address of the operator, and, ***
3. *Provided a plat showing that the proposed location is a distance of 452 feet from the nearest unit boundary and showing the following wells drilling to or capable of producing from the objective formation within 3,000 feet of the proposed location: See ***

**
 035-0309 - 4000'
 035-0305 - 4700'

Very truly yours,

 Brett Loflin
 Petroleum Engineer

LBL/rf

09/08/2023

IV-35
(Rev 8-81)

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OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date Sept. 17, 1984
Operator's
Well No. Holstein #1
Farm _____
API No. 47 - 035 - 1943

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 814.0' Watershed Trace Fork of Sandy Creek
District: Ravenswood County Jackson Quadrangle Ripley

COMPANY TXO Production Corp.
ADDRESS 900 Charleston National Plaza
DESIGNATED AGENT Larry Albrecht
ADDRESS 900 Charleston National Plaza
SURFACE OWNER Paul L. Holstein
ADDRESS Rt. 2, Box 82, Sandyville, WV 25275
MINERAL RIGHTS OWNER Vairl C. Spears
ADDRESS Rt. 2, Box 82, Sandyville, WV 25275
OIL AND GAS INSPECTOR FOR THIS WORK Jerry
Tephabock ADDRESS Rt. 1, Box 101A, Ripley, WV
PERMIT ISSUED 4-12-84 25271
DRILLING COMMENCED 7-07-84
DRILLING COMPLETED 8-29-84

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8	355'	355'	150 sx.
8 5/8			
7	2517'	2517'	75 sx.
5 1/2			
4 1/2	5184'	5184'	160 sx.
3			
2			
Liners used			

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

GEOLOGICAL TARGET FORMATION Oriskany* Depth 5084'-5141' feet
Depth of completed well 5226 feet Rotary X / Cable Tools _____
Water strata depth: Fresh None feet; Salt _____ feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 3220-4624 feet
Gas: Initial open flow 250 Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 250 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 72 hours
Static rock pressure 720 psig (surface measurement) after 24 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

*Well plugged back from Oriskany to Devonian Shale.

(Continue on reverse side)

JACK 1943

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

461 Perf'd Onondaga & Oriskany 4994-98, 5084-96, 5108-18; acidized and frac'd with X link gel and 15,000# 20/40 Sd. screened out. sl blow, SICP 190#, 72 hrs.

CIBP @ 4674'

400 Perf'd Devonian Shale 4624, 4607, 4588, 4542, 4464, 4425, 4358, 4279, 4241, 4230, 4195, 4139, 4075, 4034, 3970, 3920, 3905, 3890, 3875, 3835, 3855, 3762, 3714, 3617, 3565, 3529, 3455, 3370, 3355, 3335, 3230, 3225, 3220. Frac'd with 2 MMCF N₂, 1500 gal HCl. BD 2150#, AIR 3100#, 70 MCFM.

(N)

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
			50'	1295'	
282			1295'	1411'	
			1411'	1575'	
			1575'	1759'	
325			1759'	1869'	Drilled on Fluid.
345			1869'	1979'	No apparent water flows.
365			1979'	2003'	
			2035'	2049'	
			2060'	2113'	
			2453'	2477'	
395			2477'	2481'	S/G
			2481'	4974'	S/G - Air Drilled
461			4974'	5084'	S/G
475			5084'	5141'	S/G
485			5141'	5226'	82' Salt water
				TD	

(Attach separate sheets as necessary)

TXO Production Corp.
Well Operator

By: *J. J. J. J.*

09/08/2023

Date: 9-17-84

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

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JUL 18 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 035 1943

Oil or Gas Well _____
(KIND)

Company <u>TXO Corp.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Holstein</u>	16			Kind of Packer _____
Well No. _____	13			
District _____ County <u>Jackson</u>	10			Size of _____
Drilling commenced <u>7 7 84</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			

FWA Rig 13 Robert Boggs
Drillers' Names _____

Remarks: _____

7 7 84 spud date 1:20 PM 12 1/4 hole
7 7 84 ran 9 jts 9 5/8 csg set 353' KB cement Halliburton 150 sks 3% cacl neat
1/4 lb per sk flocele per sk plug down 11:30,pm .
7 9 84 Drilling on fluid at 1726' 8 3/4 hole.

7 9 84
DATE

George T. [Signature]
09/08/2023

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

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JUL 18 1984

INSPECTOR'S WELL REPORT

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

Permit No. 035 1943

Company <u>TXO</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Holstein</u>	16			Kind of Packer _____
Well No. _____	13			
District _____ County <u>Jackson</u>	10			Size of _____
Drilling commenced _____	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 _____

Remarks:

Drilling at 2156'

7 10 84
DATE

John T. [Signature]
09/08/2023

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.

09/08/2023

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

RECEIVED

JUL 18 1984

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

Permit No. 035 1943

Oil or Gas Well _____
(KIND)

Company TXO Corp.

Address _____

Farm Holstein

Well No. _____

District _____ County Jackson

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

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

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: _____

& 7 11 84 Ran 60 jts 7" csg total 2557'KB in 8 3/4 hole cemented halliburton
75 sks neat plug down 7:45 pm

7 12 84 Going back into hole to drill.

7 12 84

Joseph T. [Signature]
09/08/2023

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

Permit No. 035 1943

Oil or Gas Well _____
(KIND)

Company <u>TXO Corp.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Holstein</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 15 84</u> Total depth <u>5213</u>	6 3/4			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 _____

Remarks: _____

7 15 84 TD 5213 Ran 124 jts 4 1/2 csg set 5192 KB cement 150sks 50/50 poz
plug down 3:00am 7 15 84 cement ticket shows 160 sks and 10 BBL gel
10% salt 2% cacl 12.5 lb per sk Gibsonite.

7 15 84
DATE

[Signature]
09/08/2023

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: _____

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

DATE

09/08/2023



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

RECEIVED
JAN 8 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
October 22, 1984

COMPANY TXO Production Corp.
900 Charleston National Plaza
Charleston, West Virginia 25301

PERMIT NO 035-1943
FARM & WELL NO Paul Holstein #1
DIST. & COUNTY Ravenswood/Jackson

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	X	
25.04	Prepared before Drilling to Prevent Waste		
25.03	High-Pressure Drilling		
16.01	Required Permits at Wellsite	Y	
15.03	Adequate Fresh Water Casing	Y	
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing	X	
15.04	Adequate Cement Strenght	Y	
15.05	Cement Type	X	
23.02	Maintained Access Roads	X	
25.01	Necessary Equipment to Prevent Waste	X	
23.04	Reclaimed Drilling Pits	X	
23.05	No Surface or Underground Pollution	X	
23.07	Requirements for Production & Gathering Pipelines	X	
16.01	Well Records on Site		
16.02	Well Records Filed		
7.05	Identification Markings	X	

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED George Tepeloh
DATE 1385

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. ...
Administrator-Oil & Gas Division

January 23, 1985

DATE

09/08/2023

RECEIVED

APR 1 1984

35 Parcel 22.1

OIL & GAS DIVISION
DEPT. OF MINES OIL AND GAS LEASE

BOOK 189 PAGE 711

THIS AGREEMENT made and entered into this 28 day of February 1984, by and between Vairl C. Spears and Luella K. Spears, husband and wife

hereinafter called Lessor, whose address is Route 2, Box 82 Sandyville, West Virginia 25275 and TXO PRODUCTION CORP., hereinafter called Lessee, whose address is 1700 Pacific Avenue, 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 for the storing of gas of any kind in any formation underlying the hereinafter described land;~~ 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 OF J. A. Hoge, et al
EAST BY LANDS OF W. H. Archer, et al
SOUTH BY LANDS OF S. Buchannon, et al
WEST BY LANDS OF Myrtle Coen

Containing 51 acres, more or less and being the same land conveyed to lessor by George Wiseman, widower by deed dated 5/12/1958 and recorded in said county records in Deed Book 158 Page 338

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 (2) Two 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 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 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

09/08/2023

TXO PRODUCTION CORP.
900 CHARLESTON NATIONAL PLAZA
CHARLESTON, W.V. 25301

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 One Dollar (\$1.00) 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~~ XXXXXXXXXXXXXXXXXXXXXXXXXXXX ~~XXXXXX~~ XXXXXX above address, 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 \$102.00 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 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 but containing not ~~more than~~ eighty (80) acres; provided, however, a unit may be established hereunder containing not more than 640 acres plus 10% acreage tolerance if unitized only as to gas rights or only as to gas and gas-condensate, except that units pooled for oil or oil and gas for or in conjunction with repressuring, pressure maintenance, cycling and secondary recovery operations or any one or more of same, may be formed to include not more than 320 acres. If at any time larger units are required under any then applicable law, rule,

09/08/2023

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. Lessee shall have the exclusive rights (called storage rights) to use any well which may be located on the Leased Premises and any strata underlying the surface of the above described lands (except potable water strata and workable coal strata) for the purposes of injecting, storing, holding in storage and removing any kind of gas from whatever source obtained; and Lessee may, for these purposes, re-open and restore to operation any and all abandoned wells on said Leased Premises or drill new wells thereon. It is understood that a well need not be located on the Leased Premises to permit storage of gas. Lessee shall be the sole judge as to whether gas is being stored within the Leased Premises, and Lessee's determination in respect thereto shall be final and conclusive. As full compensation for storage rights herein granted and in lieu of all delay rentals or royalties due, or to become due, on the production or removal of stored gas from the Leased Premises, Lessee agrees to pay Lessor an annual rental of \$2.00 per acre commencing with the date of first utilization of any such stratum or strata for gas storage purposes and for as long thereafter as any such stratum or strata be so utilized, such annual rental to be paid within three months after the commencement of each annual period of utilization for storage purposes. All such payments are to be paid or tendered in the same manner and to the same depository as provided herein for the payment or tender of delay rentals. Lessee agrees to give Lessor written notice of the use of the Leased Premises for gas storage purposes and of the use of any well drilled thereon for gas storage purposes. In the event any stratum or strata utilized for gas storage purposes contains an economically recoverable reserve of native gas, Lessee agrees to compensate Lessor for his royalty on such gas at the prevailing well-head market price in the vicinity at the time Lessee gives notice of use of the premises for gas storage purposes for gas of comparable quality, the volume of such gas to be based on an estimate of such reserves by accepted reservoir engineering practices.~~

9. 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.

10. 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.

11. 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.
12. 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.
13. 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.
14. 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 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.
15. 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.
16. 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.
17. All provisions hereof, express or implied, shall be subject to all Federal and State Laws, and the orders, rules and regulations of all governmental agencies administering the same, and this Lease shall not in any way be terminated wholly or partially, nor shall the Lessee be liable in damages for failure to comply with any of the express or implied provisions hereof if such failure is the result of any such laws, orders, rules, or regulations. Should the Lessee be prevented during the last year of the primary term hereof from drilling a well hereunder by the order of any constituted authority having jurisdiction, or if Lessee shall be unable during said period to drill a well hereunder due to the equipment necessary in the drilling thereof not being available for any cause, the primary term of this Lease shall continue until one year after said order is suspended or said equipment is available, but the Lessee shall continue to make delay rental payments as hereinabove provided for during such extended time.

18. 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.

19. Lessee hereby is given the right to acquire for its own benefit, deeds, leases, or assignments covering any interest or claim in Leased Premises which Lessee or any other party contends is outstanding and not covered hereby and even though such outstanding interest or claim be invalid or adverse to Lessor. In the event the validity of this Lease be disputed by Lessor or by any other person, then for the period such dispute remains undisposed of: Lessee shall be relieved of all obligations hereunder to explore or develop Leased Premises; all royalties, rentals, or other payments which would otherwise accrue shall be suspended for such period; and this Lease automatically shall be extended for an additional period equal to the duration of such period.

20. The undersigned hereby release and relinquish all rights of dower, curtesy, and homestead in the Leased Premises herein described, insofar as said right of dower, curtesy and homestead may in any way effect the purposes for which this Lease is made as recited herein.

21. 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.

22. 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.

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

BOOK 189 PAGE 715

Vairl C. Spears
Vairl C. Spears
SS# 234-38-5247
Luella K. Spears
Luella K. Spears
SS# 233-46-8089

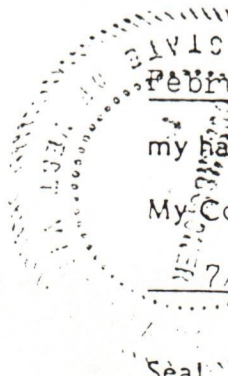
STATE OF West Virginia
COUNTY OF Jackson

(Individual - West Virginia)

The foregoing instrument was acknowledged before me this 28 day of February, 1984, by Vairl C. Spears and Luella K. Spears with my hand and official seal. 09/08/2023

My Commission Expires: 7/8/90

[Signature]
Notary Public in and for
Commissioner for West Virginia
County, _____



This Lease Prepared By:
Texas Oil & Gas Corp.

FILED - CIVIL SERVICE UNIT

Texas Oil & Gas Corp.
First City Center
1700 Pacific Avenue LB-10
Dallas, Texas 75201-4696

STATE OF WEST VIRGINIA,
JACKSON COUNTY COMMISSION CLERK'S OFFICE, *March 6 1984 9:28 A.M.* FB NO. *9597*

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

Teste: Annabelle Taylor, Clerk

By: *Shirley Hunt* Deputy

Arrow Business Services—Ripley, W.V.

09/08/2023

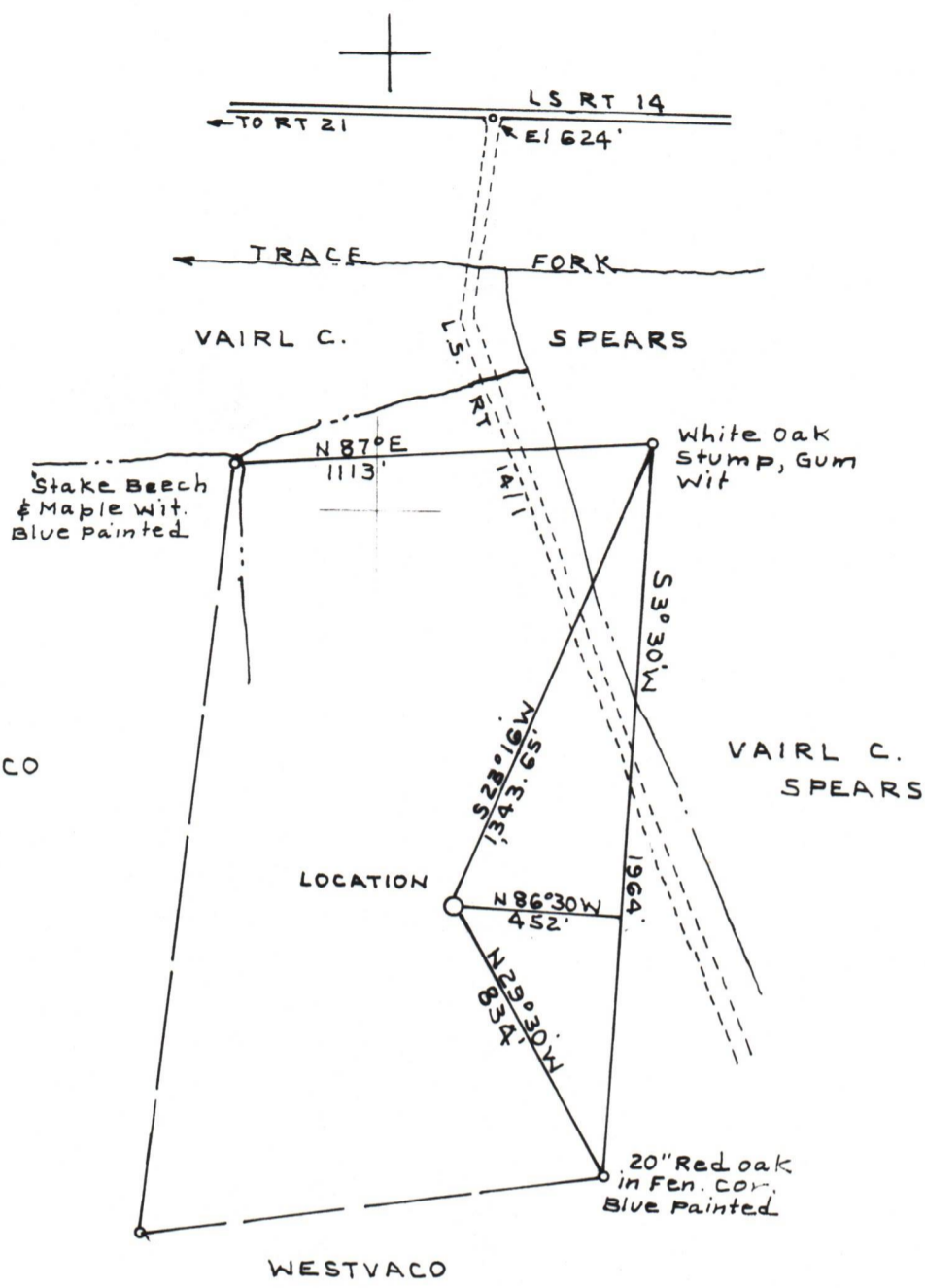
7250'

LATITUDE 38°52'30"

1375'

LONGITUDE 81°37'30"

NORTH



FILE NO. BK 84 P 8
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200'
 PROVEN SOURCE OF ELEVATION Road Forks 2100' North of Loc El. 624

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. Valley Jr.
 R.P.E. _____ O.L.S. 92

PLACE SEAL HERE

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



DATE MARCH 16, 1984
 OPERATOR'S WELL NO. HOLSTEIN #1
 API WELL NO. _____
47 - 035 - 1943
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 814.00' WATERSHED TRACE FORK OF SANDY CREEK
 DISTRICT RAVENSWOOD COUNTY JACKSON
 QUADRANGLE RIPLEY
 SURFACE OWNER PAUL L. HOLSTEIN ACREAGE 51
 OIL & GAS ROYALTY OWNER VAIRL C. SPEARS LEASE ACREAGE 51
 LEASE NO. 125003-000

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 09/08/2023

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 5400'
 WELL OPERATOR IXO PRODUCTION CORP. DESIGNATED AGENT LARRY M. ALBRECHT
 ADDRESS 900 CHARLESTON NATIONAL PLAZA CHARLESTON WVA, 25301 ADDRESS 900 CHARLESTON NATIONAL PLAZA CHARLESTON WVA, 25301

JACK 1943



1) Date: 26 March, 19 84
 2) Operator's Well No. Holstein # 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 X /
 B (If "Gas", Production _____ / Underground storage _____ / Deep X / Shallow _____ /)
 5) LOCATION: Elevation: 314.00' Watershed: Trace Fork of Sandy Creek
 District: Ravenswood County: Jackson Quadrangle: Ripley
 6) WELL OPERATOR TKO Production Corp. 7) DESIGNATED AGENT Mr Larry Albrecht
 Address 900 Charleston Nat Plaza Address 900 Charleston Nat Plaza
Charleston, WV 25301. Charleston, WV 25301.
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Mr Jerry Tephabock Name Unknown
 Address Rt 1, Box 101-A Address _____
Ripley, WV 25271.

10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____

11) GEOLOGICAL TARGET FORMATION, Oriskany
 12) Estimated depth of completed well, 5400' feet
 13) Approximate strata depths: Fresh, 120' feet; salt, _____ feet.
 14) Approximate coal seam depths: 1000' Is coal being mined in the area? Yes _____

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 APR 1 1 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	9 5/8"			X		300'	300'	CTS by Rule	Kinds	05
Fresh water										
Coal	7"			X		2200'	2200'	320 sacks of gas required	Sizes	
Intermediate								by Reg. 15.01		
Production	4.5"			X			5400'		Depths set	
Tubing										
Liners									Perforations:	
									Top	Bottom

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

VOLUNTARY STATEMENT OF NO OBJECTION

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

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

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____
 By _____
 Its _____ Date _____

David Lon Holstein Date: 4-10-84
 (Signature)
Glenna Holstein Date: 4-10-84
 (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.

09/08/2023
Surface Owner



IV-9
(Rev 8-81)

DATE March 17, 1984

WELL NO. Holstein #1

State of West Virginia
Department of Mines
Oil and Gas Division

API NO. 47-035-1943

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 Paul L. Holstein

SOIL CONS. DISTRICT Western
Larry Albrecht (Agent)

Revegetation to be carried out by TXO Production Corp.

This plan has been reviewed by Western SCD. All corrections
and additions become a part of this plan: Mar 21 1984 (Date)

Wayne W. Hughes
(SCD Agent)

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OIL & GAS DIVISION
DEPT. OF MINES (1)

ACCESS ROAD

LOCATION

Structure Cross drains (A)
Spacing 45'
Page Ref. Manual 2:4
Structure Diversion Ditch
Culvert 12" min (B)
Spacing N/A
Page Ref. Manual 2:7 2:8
Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure Drill Pit
Material Earth
Page Ref. Manual _____
Structure Diversion ditch (2)
Material _____
Page Ref. Manual _____
Structure _____ (3)
Material _____
Page Ref. Manual _____

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

REVEGETATION

Treatment Area I

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch 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 6.5
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.

09/08/2023

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.

ATTACH OR PHOTOCOPIY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE RIPLEY

LEGEND

Well Site ⊕

Access Road ———



WELL SITE PLAN

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

LEGEND

Property boundary ——— ——— ——— ——— ——— ———	Diversion //////////////
Road = = = = =	Spring ○ →
Existing fence — x — x —	Wet spot ⊕
Planned fence — / — / — / — / — / — / —	Building []
Stream ~ ~ ~ ~ ~	Drain pipe — ○ — ○ — ○ —
Open ditch — ···· → — ···· → — ···· → — ···· →	Waterway ⊂ ≡ ≡ ≡ ≡ ≡ ≡ ≡ ≡ ≡ ≡

