

RECEIVED  
AUG 14 1985



1) Date: July 29, 19 85  
 2) Operator's Well No. Sudduth #1  
 3) API Well No. 47 -047-0952  
 State 47 County McDowell Permit         

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY, OIL AND GAS DIVISION  
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil          / Gas X /  
 B (If "Gas", Production X / Underground storage          / Deep          / Shallow X /)
- 5) LOCATION: Elevation: 1998.6' Watershed: Tug Fork  
 District: Browns Creek 3 County: McDowell Quadrangle: Welch 664
- 6) WELL OPERATOR TXO Production Corp CODE: 50375 7) DESIGNATED AGENT Kenneth W. Tatarzyn  
 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 Rodney G. Dillon Name           
 Address P. O. Box 30 Address           
Scarbro, WV 25917
- 10) PROPOSED WELL WORK: Drill X / Drill deeper          / Redrill          / Stimulate X /  
 Plug off old formation          / Perforate new formation           
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Berea/Gordon  
 12) Estimated depth of completed well, 5000' feet  
 13) Approximate strata depths: Fresh, 1200' feet; salt,          feet.  
 14) Approximate coal seam depths:          Is coal being mined in the area? Yes          / No X

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		Kinds	Sizes
Conductor										
Fresh water	8-5/8	J55	20#	X		1750'	1750'	By reg. 15.05		
Coal										
Intermediate										
Production	4-1/2	J55	10.5#	X		5000'	5000'	By reg. 15.01	Depths set	
Tubing										
Liners									Perforations:	
									Top	Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-047-0952 Date August 30 19 85

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 August 30, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>        </u>	Agent: <u>        </u>	Plat: <u>        </u>	Casing <u>        </u>	Fee <u>616.39</u> <u>945-</u>	WPCP <u>        </u>	S&E <u>        </u>	Other <u>        </u>
-----------------------	------------------------	-----------------------	------------------------	----------------------------------	----------------------	---------------------	-----------------------

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

          
 Director, Division of Oil and Gas  
 11/10/2023 File





AUG 1 1987

OFFICE USE ONLY

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

1) WELL TYPE: A OR B (If "B", Production)  On  Or   
 2) LOCATION: Wetzel, West Virginia  
 3) WELL OPERATOR: Wetzel, West Virginia  
 4) WELL OPERATOR ADDRESS: Wetzel, West Virginia  
 5) OIL & GAS INSPECTOR TO BE NOTIFIED: Wetzel, West Virginia  
 6) PROPOSED WELL WORK: Drill  
 7) GEOLOGICAL TARGET FORMATION: Beaver  
 8) CASING AND TUBING PROGRAM: None

OFFICE USE ONLY

This part of Form WW-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: \_\_\_\_\_

11/10/2023



IV-9  
(Rev 8-81)

RECEIVED  
SEP 11 1985



Revised And Approved:  
Gary W. Bochain  
8-26-85

DATE July 15, 1985  
WELL NO. Sudduth No. 1  
API NO. 47-047-0952  
Revised Rec plan

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY  
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 Kenneth TaTarzyn  
Address 900 Charleston National Plaza  
Charleston, WV 25301  
Telephone 304/345-2610

LANDOWNER E. H. Sudduth Co., etal.

SOIL CONS. DISTRICT Southern

Revegetation to be carried out by TXO Production Corp Kenneth TaTarzyn. (Agent)

This plan has been reviewed by Southern SCD. All corrections and additions become a part of this plan: 8-1-85

(Date)  
Gary W. Bochain  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure culverts 12" min (A)  
Spacing N/A  
Page Ref. Manual 2:7 2:8  
Structure cross drains (B)  
Spacing see note  
Page Ref. Manual 2:1 2:4  
Structure Drainage Ditch (C)  
Spacing N/A  
Page Ref. Manual 2:12

Structure drill pit (1)  
Material earthen  
Page Ref. Manual N/A  
Structure location on flat ridge (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 2 Tons/acre  
or correct to pH 6.5  
Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay-Straw 2 Tons/acre  
Seed\* KY 31 Tall Fescue 40 lbs/acre  
Redtop 5 lbs/acre  
lbs/acre

Treatment Area II

Lime 2 Tons/acre  
or correct to pH 6.5  
Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay-Straw 2 Tons/acre  
Seed\* KY 31 Tall Fescue 40 lbs/acre  
Redtop 5 lbs/acre  
lbs/acre

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

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

PLAN PREPARED BY C. T. Tolley, Jr.

ADDRESS 7911 Sissonville Drive  
Sissonville, WV 25320

PHONE NO. 304/988-9432

11/10/2023









IV-9  
(Rev 8-81)

**RECEIVED**  
AUG 14 1985

State of West Virginia  
Department of Mines  
Oil and Gas Division

DATE July 15, 1985  
WELL NO. Sudduth No. 1  
API NO. 47-047-0952

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY  
**CONSTRUCTION AND RECLAMATION PLAN**

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

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

LANDOWNER E. H. Sudduth Co., etal.

SOIL CONS. DISTRICT Southern  
Kenneth TaTarzyn. (Agent)

Revegetation to be carried out by TXO Production Corp

This plan has been reviewed by Southern SCD. All corrections  
and additions become a part of this plan: 8-1-85

Dary W. Boachain  
(SCD Agent)

**ACCESS ROAD**

**LOCATION**

Structure culverts 12" min (A)  
Spacing N/A  
Page Ref. Manual 2:7 2:8  
Structure cross drains (B)  
Spacing see note  
Page Ref. Manual 2:1 2:4  
Structure \_\_\_\_\_ (C)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure drill pit (1)  
Material earthen  
Page Ref. Manual N/A  
Structure location on flat ridge (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 2 Tons/acre  
or correct to pH 6.5  
Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay-Straw 2 Tons/acre  
Seed\* KY 31 Tall Fescue 40 lbs/acre  
Redtop 5 lbs/acre  
\_\_\_\_\_ lbs/acre

Treatment Area II

Lime 2 Tons/acre  
or correct to pH 6.5  
Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay-Straw 2 Tons/acre  
Seed\* KY 31 Tall Fescue 40 lbs/acre  
Redtop 5 lbs/acre  
\_\_\_\_\_ lbs/acre

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

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

PLAN PREPARED BY C. T. Tolley, Jr.  
ADDRESS 7911 Sissonville Drive  
Sissonville, WV 25320  
PHONE NO. 304/988-9432

11/10/2023

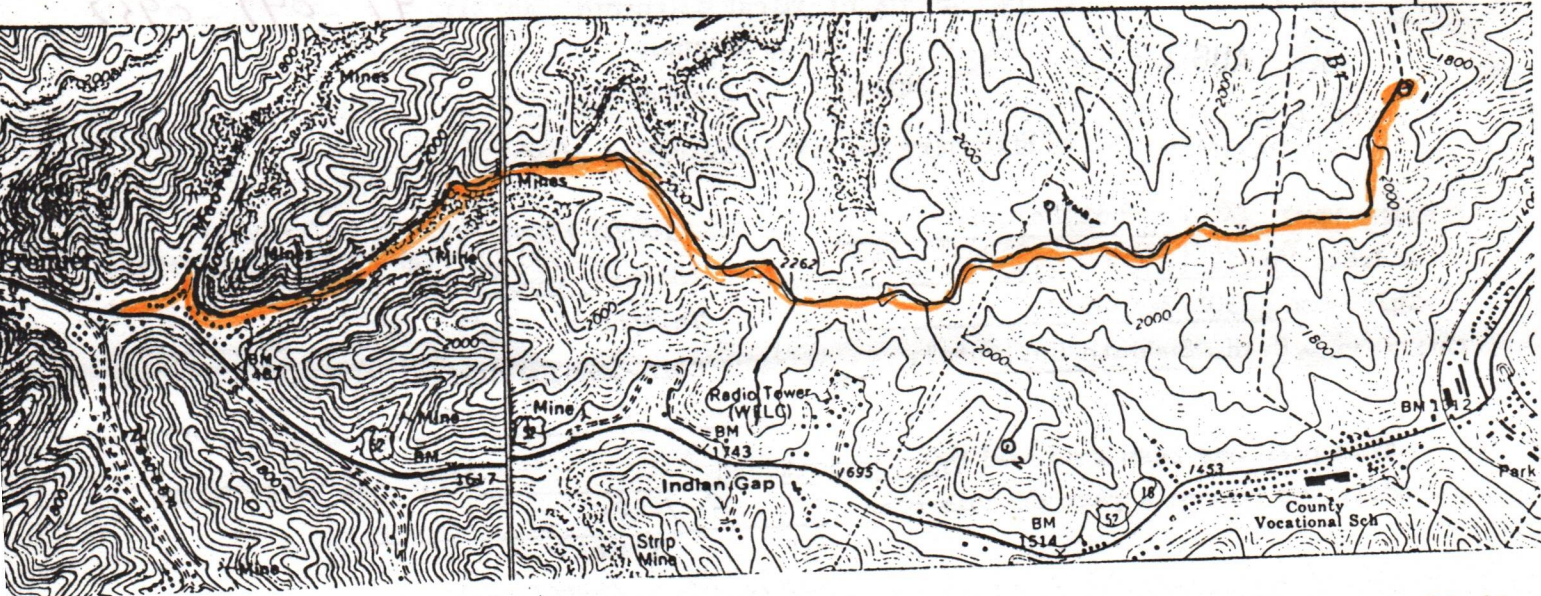


ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Welch-Davy

LEGEND

Well Site ⊕

Access Road ———



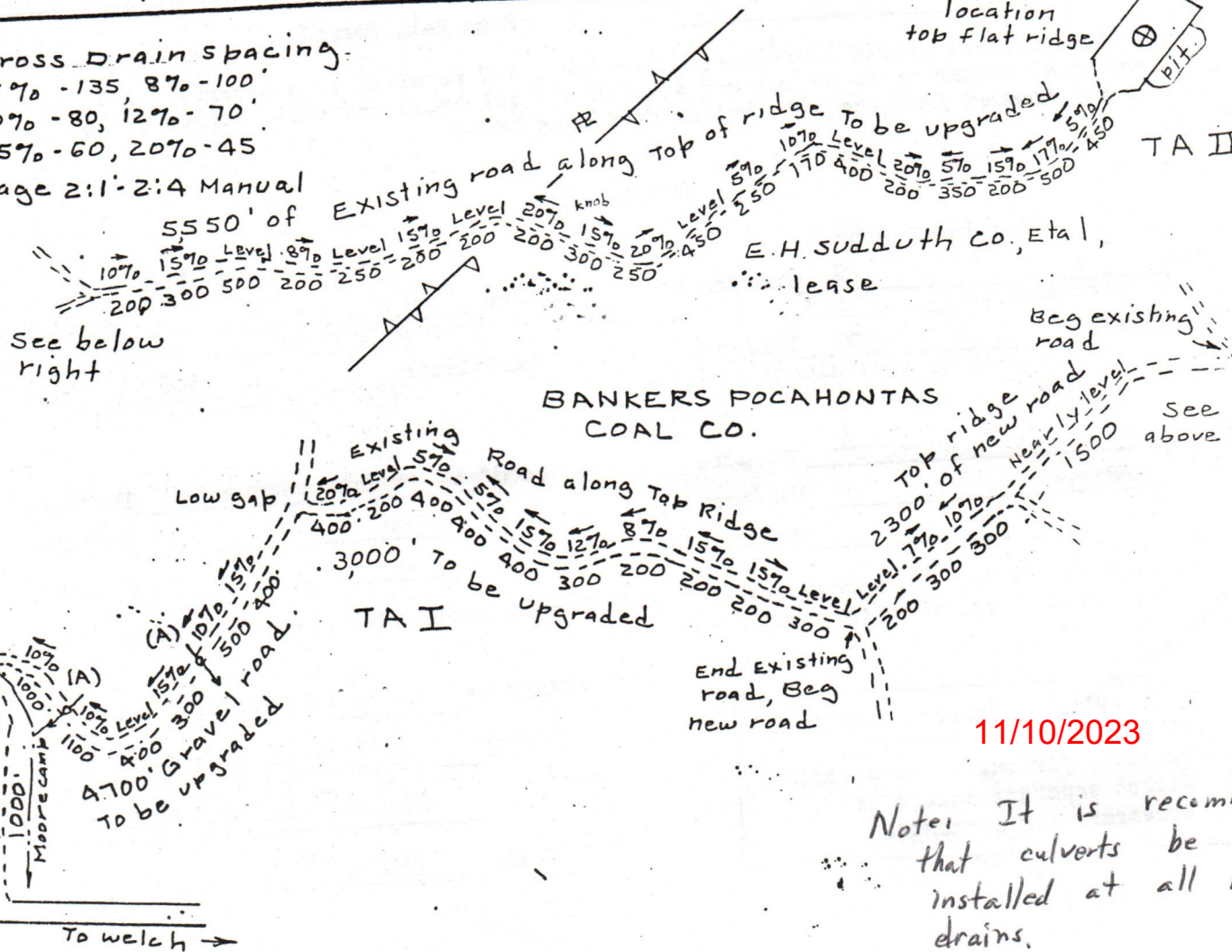
Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary	——— ——— ——— ——— ———	Diversion	
Road	== == == == ==	Spring	○ →
Existing fence	— X — X —	Wet spot	⊕
Planned fence	— / — / —	Building	■
Stream	~~~~~	Drain pipe	○ — ○ — ○ —
Open ditch	——— ——— ——— ——— ———	Waterway	⇄ ⇄ ⇄ ⇄

Cross Drain spacing:  
 570 - 135, 870 - 100  
 1070 - 80, 1270 - 70  
 1570 - 60, 2070 - 45

Page 2:1-2:4 Manual



11/10/2023

Notes: It is recommended that culverts be installed at all new drains.



1) Date: August 8, 19 85  
Operator's  
2) Well No. Sudduth #1  
3) API Well No. 47 -047 -0952  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

- 4) SURFACE OWNER(S) OF RECORD TO BE SERVED
- (i) Name E. Carey Ries  
Agent for Goodman Heirs  
Address 3505 Shulburne Road  
Baltimore, MD 21208
  - (ii) Name E. H. Sudduth Company  
Address P. O. Box 1381  
Bluefield, WV 24701
  - (iii) Name Elsie L. Graham  
Address 201 Parkway  
Bluefield, WV 24701
  - (iiii) Name James R. Hurt  
Address Box 862  
Ttzewell, VA 24651

- 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 \_\_\_\_\_

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 WW-2(B) 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 WW-6, and
- (3) The Construction and Reclamation Plan on Form WW-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 WW-2(B) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22B 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 Director of the Division of Oil and Gas, with respect to a well at the location described on attached Application and depicted on attached Form WW-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Director of the Division of Oil and Gas.

- 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 22B-1-8(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 **X**
- If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form WW-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

Kenneth W. Tatarzyn,

this 8th day of August, 19 85,

My commission expires 1/22, 19 95.

Lisa D. Keadle  
Notary Public, Kanawha County,  
State of West Virginia

WELL OPERATOR TXO Production Corp.

By Kenneth W. Tatarzyn  
Its Agent  
Address 600 Charleston National Plaza  
Charleston, WV 25301  
Telephone 345-2610

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

RECEIVED  
AUG 14 1985



11/10/2023



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 Division 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 §22B-1-9(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 §22B-1-36.
- 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 §22B-1-6 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 §22B-1-2C and the reclamation required by Code §22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code §22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code §22B-1-21 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 § § 22B-1-9, 22-B-1-13 and 22B-1-14.

INFORMATION SUPPLIED UNDER CODE §22B-1-8(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:

	<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book page</u>
Assignment	Alliance Resources	TXO		378 716
	Tug Fork Land Co	George King	1/8	11/10/2023 716
	EH. Suddeth Co	Georgia Fuels	1/8	318 202
	William Toler	Alliance Resources	1/8	345 365





1) Date: July 29, 1985  
 2) Operator's Well No. Sudduth #1  
 3) API Well No. 47  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

**RECEIVED**  
AUG 14 1985

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY, OIL AND GAS DIVISION  
 DIVISION OF OIL & GAS DEPARTMENT OF ENERGY  
**APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas X /  
 B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 1998.6' Watershed: Tug Fork  
 District: Browns Creek County: McDowell Quadrangle: Welch
- 6) WELL OPERATOR TXO Production Corp CODE: 50375 7) DESIGNATED AGENT Kenneth W. Tatarzyn  
 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 Rodney C. Dillon Name \_\_\_\_\_  
 Address R. O. Box 36 Address \_\_\_\_\_  
Scarbro, WV 25917
- 10) PROPOSED WELL WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate X /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Berea/Gordon
- 12) Estimated depth of completed well, 5000' feet  
 13) Approximate trata depths: Fresh, 1200' feet; salt, \_\_\_\_\_ feet.  
 14) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes \_\_\_\_\_ / No \_\_\_\_\_

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>	<u>J55</u>	<u>20#</u>	<u>X</u>		<u>1750'</u>	<u>1750'</u>	<u>By reg. 15.0'</u>	Sizes
Coal									Depths set
Intermediate									Perforations:
Production	<u>4-1/2</u>	<u>J55</u>	<u>10.5#</u>	<u>X</u>		<u>5000'</u>	<u>5000'</u>	<u>By reg. 15.0'</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, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form WW-2(A), (2) an Application for a Well Work Permit on Form WW-2(B), (3) a survey plat on Form WW-6, and (4) a Construction and Reclamation Plan on Form WW-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: \_\_\_\_\_

X James R. Hurt  
 (Signature) Date 8-12-85

By \_\_\_\_\_

Its \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_  
 (Signature) 11/10/2023  
 Date \_\_\_\_\_





1) Date: July 29, 1985  
 2) Operator's Well No. Sudduth #1  
 3) API Well No. 47  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

**RECEIVED**  
AUG 14 1985

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY, OIL AND GAS DIVISION  
APPLICATION FOR A WELL WORK PERMIT

DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas X /  
 B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 1998.6' Watershed: Tug Fork  
 District: Browns Creek County: McDowell Quadrangle: Welch
- 6) WELL OPERATOR IXO Production Corp CODE: 50375 7) DESIGNATED AGENT Kenneth W. Tatarzyn  
 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 Rodney G. Dillon Name \_\_\_\_\_  
 Address R. O. Box 36 Address \_\_\_\_\_  
Scarbro, WV 25917
- 10) PROPOSED WELL WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate X /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Berea/Gordon  
 12) Estimated depth of completed well, 5000' feet  
 13) Approximate trata depths: Fresh, 1200' feet; salt, \_\_\_\_\_ feet.  
 14) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes \_\_\_\_\_ / No \_\_\_\_\_

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		Kinds	Sizes
Conductor										
Fresh water	8-5/8	J55	20#	X		1750'	1750'	By reg. 15.0'		
Coal										
Intermediate										
Production	4-1/2	J55	10.5#	X		5000'	5000'	By reg. 15.0'		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, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form WW-2(A), (2) an Application for a Well Work Permit on Form WW-2(B), (3) a survey plat on Form WW-6, and (4) a Construction and Reclamation Plan on Form WW-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: X Michael C Sudduth

By E. H. Sudduth Company

Its President Date 8-12-85

(Signature) \_\_\_\_\_ Date \_\_\_\_\_

(Signature) 11/10/2023

Date \_\_\_\_\_





1) Date: July 29, 1985  
 2) Operator's Well No. Sudduth #1  
 3) API Well No. 47  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

**RECEIVED**  
 AUG 14 1985

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY, OIL AND GAS DIVISION  
**APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas X /  
 B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 1998.6' Watershed: Tug Fork  
 District: Browns Creek County: McDowell Quadrangle: Welch
- 6) WELL OPERATOR IXO Production Corp CODE: 50375 7) DESIGNATED AGENT Kenneth W. Tatarzyn  
 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 Rodney G. Dillon Name \_\_\_\_\_  
 Address P. O. Box 39 Address \_\_\_\_\_  
Scarbro, WV 25917
- 10) PROPOSED WELL WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate X /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Berea/Gordon  
 12) Estimated depth of completed well, 5000' feet  
 13) Approximate strata depths: Fresh, 1200' feet; salt, \_\_\_\_\_ feet.  
 14) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes \_\_\_\_\_ / No \_\_\_\_\_

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>	<u>J55</u>	<u>20#</u>	<u>X</u>		<u>1750'</u>	<u>1750'</u>	<u>By reg. 15.0'</u>	Sizes
Coal									Depths set
Intermediate									Perforations:
Production	<u>4-1/2</u>	<u>J55</u>	<u>10.5#</u>	<u>X</u>		<u>5000'</u>	<u>5000'</u>	<u>By reg. 15.0'</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, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form WW-2(A), (2) an Application for a Well Work Permit on Form WW-2(B), (3) a survey plat on Form WW-6, and (4) a Construction and Reclamation Plan on Form WW-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 \_\_\_\_\_

X E. Long Ries  
 (Signature) \_\_\_\_\_ Date \_\_\_\_\_  
 (Signature) 11/10/2023  
 Date \_\_\_\_\_



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 22B, Article 1 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 Director of the Division of Oil and Gas in the West Virginia Department of Energy immediately.

NOTE : YOU ARE NOT REQUIRED TO FILE ANY COMMENT AT ALL.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION :

Director, Division of Oil and Gas  
West Virginia Department of Energy  
1615 Washington Street, East  
Charleston, West Virginia 25311-2192  
(304) - 348 - 3500

Who may file comments? If you wish to file comments, you must be an owner of record of (1) and 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 over 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 Director'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 Director's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Director 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 Director.

List of Water Testing Laboratories. The Director 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 Director's office or an Oil and Gas Inspector to obtain a copy of the list.



P522 136 561  
 RECEIPT FOR CERTIFIED MAIL  
 NO INSURANCE COVERAGE PROVIDED—  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

Send to Elsie L. Graham	
Street and No. 201 Parkway	
P.O., State and ZIP Code Bluefield, WV 24701	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	8-8-85

CORP.  
 PLAZA  
 A 25301

PS Form 3800, Feb. 1982

Elsie L. Graham  
 201 Parkway  
 Bluefield, WV 24701

RE: **Sudduth #1 & #2**  
 Surface Owner Waiver  
 McDowell County, West Virginia

Dear Ms. Graham:

Attached please find copies of the drilling permit application, construction and reclamation plan, and the proposed location plat for the Sudduth #1 and #2 wells.

Please execute the copies where indicated and return them to this office. A self-addressed envelope is enclosed for your convenience. The other copies are for your information and files.

Thank you for your attention to this matter.

Sincerely,

Kenneth W. Tatarzyn  
 Drilling & Production Manager

● 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): <input checked="" type="checkbox"/> Show to whom and date delivered <input type="checkbox"/> Show to whom, date, and address of delivery <input type="checkbox"/> RESTRICTED DELIVERY (The restricted delivery fee is charged in addition to the return receipt fee.)		3. ARTICLE ADDRESSED TO: Elsie L. Graham 201 Parkway, WV 24701		4. TYPE OF SERVICE: <input type="checkbox"/> REGISTERED <input checked="" type="checkbox"/> CERTIFIED <input type="checkbox"/> EXPRESS MAIL (Always obtain signature of addressee or agent)		5. DATE OF DELIVERY 8-12-85		6. ADDRESSEE'S ADDRESS (only if requested)		7. UNABLE TO DELIVER BECAUSE:		7a. EMPLOYEE'S INITIALS [Signature]		POSTMARK (max. 100 envelopes per day) AUG 21 1985		* GPO: 1982/319-063	
2. ARTICLE NUMBER P 522 136 561		4. TYPE OF SERVICE: <input type="checkbox"/> INSURED <input type="checkbox"/> COD		5. DATE OF DELIVERY LDK		6. ADDRESSEE'S ADDRESS (only if requested)		7. UNABLE TO DELIVER BECAUSE:		7a. EMPLOYEE'S INITIALS		POSTMARK (max. 100 envelopes per day) AUG 21 1985		* GPO: 1982/319-063			









IV-35  
(Rev 8-81)

Date October 17, 1985  
Operator's  
Well No. Sudduth #1  
Farm \_\_\_\_\_  
API No. 47 - 047 - 0952

State of West Virginia  
Department of Energy  
Oil and Gas Division

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 x / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow x /)

LOCATION: Elevation: 1998.69' Watershed Tug Fork  
District: Browns Creek County McDowell Quadrangle Welch

COMPANY TXO Production Corp.  
ADDRESS 600 Chas.Nat.Plaza, Chas., WV 25301  
DESIGNATED AGENT Kenneth W. Tatarzyn  
ADDRESS 600 Chas.Nat.Plaza, Chas., WV 25301  
SURFACE OWNER E. Carey Ries, et al  
ADDRESS 3505 Shulburne Road, Baltimore, MD 21208  
MINERAL RIGHTS OWNER \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
OIL AND GAS INSPECTOR FOR THIS WORK Rodney  
Dillon ADDRESS Scarbro, WV 25917  
PERMIT ISSUED August 30, 1985  
DRILLING COMMENCED 8-30-85  
DRILLING COMPLETED 9-8-85  
IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON \_\_\_\_\_

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1636' KBM	1636' KBM	350 sx
7			
5 1/2			
4 1/2	4964' KBM	4964' KBM	460 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Berea/Gordon Depth 5000' feet  
Depth of completed well 4918' PBTB 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 Dev. Sh/Berea/Ravencliff Pay zone depth 1705'-4639' feet  
Gas: Initial open flow 125 Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 125 Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 24 hours  
Static rock pressure 325 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

(Continue on reverse side)

MCDOW

0952

11/10/2023



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

Perf Berea & Dev. Shw/3-1/8" gun, 10 gn chg @ 4639-42', 4595-4602', 4512-18' @ 2 SPF & 4505-11', 4485-87' @ 1 SPF. Total 45 shots.  
 Frac Berea & Dev. Sh. Pump 100 bbls 2% KCl wtr + 50 balls. AIR 23 BPM @ 1380 psi. Pump 8M gal pad + 4M gal @ 1/2 ppg + 5M gal @ 1 ppg + 6M gal @ 2 ppg + 7M gal @ 3 ppg.  
 Drop 25 balls. Pump 7M gal pad + 4M gal @ 1/2 ppg + 5M gal @ 2 ppg + 5M gal @ 3 ppg. Flush  
 Perf Ravencliff @ 1932, 26, 17, 12, 04, 1890, 84, 74, 72, 1729, 27, 25, 13, 10, 08, 105' total 16 shots.  
 Frac Ravencliff: Pump 500 gal 15% HCl + 6M gal pad + 4M gal @ 1/2 ppg + 4M gal @ 1 ppg + 5.8M gal @ 2 ppg + 2.1M gal @ 3 ppg. Drop 4 balls. Pump 5M gal pad + 4M gal @ 1/2 ppg + 4M gal @ 1 ppg + 4M gal @ 2 ppg + 4M gal @ 3 ppg. Flush w/KCl wtr.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0'	1699'	
Upper Ravencliff			1699'	1732'	S/G
Shale			1732'	1850'	
Ravencliff			1850'	1936'	S/G
Shale			1936'	2000'	
Avis			2000'	2045'	
Maxton Shale & Sand			2045'	2896'	
Lower Maxton Sand			2896'	2974'	
Shale			2974'	3055'	
Little Lime			3055'	3210'	
Big Lime			3210'	3903'	
Shale & Siltstone			3903'	4481'	
Berea			4481'	4519'	S/G
Shale & Sand			4519'	4591'	
Devonian Shale			4591'	4649'	S/G
Shale & Siltstone			4649'	5000'	
				TD	

(Attach separate sheets as necessary)

TXO Production Corp.  
 Well Operator  
 By: Kenneth W. Tatarzyn Kenneth W. Tatarzyn  
 Date: October 17, 1985 11/10/2023

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 ENERGY  
OIL AND GAS WELLS DIVISION

11 SEP 85 11:00  
REC'D. - CHAS.

INSPECTOR'S WELL REPORT

Permit No. 047-0952

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company TXO PRO.  
 Address Char.  
 Farm Sudduth Co.  
 Well No. #1  
 District Rowles Ch. County McDowell  
 Drilling commenced 8-30-85  
 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 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 5/8 SIZE 1627' No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 NAME OF SERVICE COMPANY Dowell  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names Union Rig #3

Remarks: Run 1627' 8 5/8 Cement w/ 300SK 2 5/8 Posmix  
100SK 10CAT CTS Around outside

9-2-85  
DATE

R. L. Dutton 11/10/2023  
DISTRICT WELL INSPECTOR







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

RECL. CHAS.  
11 SEP 5 1985

## INSPECTOR'S WELL REPORT

Permit No. 047-0952

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>TXO Pco.</u> Address <u>CHAS.</u> Farm <u>Sudduth Co.</u> Well No. <u>#1</u> District <u>Brown's CK</u> County <u>McDowell</u> Drilling commenced <u>8-30-85</u> 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	<b>CASING AND TUBING</b>  Size 16 13 10 8 1/4 6 1/2 5 3/16 3 2 Liners Used	<b>USED IN DRILLING</b>	<b>LEFT IN WELL</b>	<b>PACKERS</b>  Kind of Packer _____  Size of _____  Depth set _____  Perf. top _____ Perf. bottom _____  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 Union Rig #3

Remarks: Drilling on Air dusting Hole At 3555' 7 7/8 Hole

9/5/85  
DATE

B. D. Miller 11/10/2023  
DISTRICT WELL INSPECTOR







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

INSPECTOR'S WELL REPORT

Permit No. 047-0952

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company TXO Pro.  
 Address CHAS.  
 Farm Sudduth Co.  
 Well No. Sudduth # 1  
 District Brown CK County McDowell  
 Drilling commenced 8-30-85  
 Drilling completed 9-8-85 Total depth 5000'  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

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

CASING CEMENTED 4 1/2 SIZE 4954' No. FT. 9-8 Date

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names Union Rig #3

Remarks: TD Hole on 9-8 at 5000'  
Run 4954' 4 1/2

9/10/85  
DATE

R. Dulan **11/10/2023**  
DISTRICT WELL INSPECTOR







*Humphill*

INSPECTOR'S PERMIT SUMMARY FORM

8-30-85

WELL TYPE GAS  
ELEVATION 1998'  
DISTRICT Browns Creek  
QUADRANGLE Welch  
COUNTY McDowell

API# 47-047-0952  
OPERATOR TVO Productions  
TELEPHONE \_\_\_\_\_  
FARM Sudduth Co.  
WELL # 1

SURFACE OWNER Sudduth Co. COMMENTS \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
TARGET FORMATION Berea DATE APPLICATION RECEIVED \_\_\_\_\_

DATE STARTED \_\_\_\_\_  
LOCATION Unknown NOTIFIED yes DRILLING COMMENCED 8/30/85

WATER DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
COAL DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

CASING

Ran 1627 feet of 8 5/8 "pipe on 9/2 with CTS 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 5000 feet on 9/8/85

OIL AND GAS ENERGY

PLUGGING

MAY 30 1986

Type	From	To	Pipe Removed

Pit Discharge date: unknown Type \_\_\_\_\_

Field analysis                      ph \_\_\_\_\_                      fe \_\_\_\_\_                      cl \_\_\_\_\_

Well Record received \_\_\_\_\_

Date Released 5-28-86

*[Signature]*  
Inspector's signature

11/10/2023

X



UNION Dry Co. Rig #3

API# 47 047 - 0952

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2	8-29		MOVING Rig ON	
3				
4	9-2	8 $\frac{1}{2}$ C19	1627 CTS	300 SAY
5	9-5-	Drilling	Dusting @	3553'
6				
7	11-25		Road Blocked	
8				
9	3-6-86		Road Blocked	
10				
11	4-23-86		Violated failure to Reclaim	
12				
13	5-22-86		Violation Cabated	
14	5-28-86		Released	
15				
16				
17				
18				
19				
20				

Notes



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

1.0 API well number. (If not assigned, leave blank. 14 digits.)	47 - 047 - 0952															
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA      Category															
3.0 Depth of the deepest completion location. (Only needed if sections 103 or 107 in 2.0 above.)	4639' feet															
4.0 Name, address and code number of applicant. (35 letters per line maximum. If code number not available, leave blank.)	TXO Production Corp. <span style="float: right;">Seller Code</span> Name 600 Charleston National Plaza Street Charleston WV 25301 City State Zip Code															
5.0 Location of this well. [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) (b) For OCS wells	Big Creek/Welch Field Name McDowell WV County State  Area Name <span style="float: right;">Block Number</span>  Date of Lease <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> </tr> <tr> <td align="center">Mo.</td> <td align="center">Day</td> <td align="center">Yr.</td> <td align="center" colspan="3">OCS Lease Number</td> </tr> </table>							Mo.	Day	Yr.	OCS Lease Number					
Mo.	Day	Yr.	OCS Lease Number													
(c) Name and identification number of this well. (35 letters and digits maximum.)	Sudduth #1															
(d) If code 4 or 5 in 2.0 above, name of the reservoir. (35 letters maximum.)																
6.0 (a) Name and code number of the purchaser. (35 letters and digits maximum. If code number not available, leave blank.) (b) Date of the contract:	Cabot Corporation <span style="float: right;">Buyer Code</span> Name  1 10 11 11 85 Mo. Day Yr.															
(c) Estimated total annual production from the well:	22.8 Million Cubic Feet															
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;"></th> <th style="width:15%;">(a) Base Price</th> <th style="width:15%;">(b) Tax</th> <th style="width:20%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:20%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td>7.0 Contract price: (As of filing date. Complete to 3 decimal places.)</td> <td>S/MMBTU 2.450</td> <td>---</td> <td>---</td> <td>2.450</td> </tr> <tr> <td>8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)</td> <td>S/MMBTU deregulated</td> <td>---</td> <td>---</td> <td>deregulated</td> </tr> </tbody> </table>		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU 2.450	---	---	2.450	8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU deregulated	---	---	deregulated
	(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)												
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU 2.450	---	---	2.450												
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU deregulated	---	---	deregulated												
9.0 Person responsible for this application:	Kenneth W. Tatarzyn <span style="float: right;">Drlg &amp; Prod Manager</span> Name Title Signature 10-17-85 <span style="float: right;">345-2610</span> Date Application is Completed Phone Number															

RECEIVED

OCT 21 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

FERC-121 (8-82)

11/10/2023



DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

NOV 15 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: Oct. 17, 19 85

Applicant's Name: TXO Production Corp. 50375

Address: 600 Charleston National Plaza  
Charleston, WV 25301

Gas Purchaser Contract No. \_\_\_\_\_

Date of Contract \_\_\_\_\_  
(Month, day and year)

First Purchaser: Cabot Corporation P616

Address: 1400 Charleston National Plaza  
(Street or P.O. Box)  
Charleston WV 25301  
(City) (State) (Zip Code)

FERC Seller Code \_\_\_\_\_

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

Name: Kenneth W. Tatarzyn  
(Print)

Drilling & Production Manager  
(Title)

Signature: *K. Tatarzyn*

Address: 600 Charleston National Plaza  
(Street or P.O. Box)  
Charleston WV 25301  
(City) (State) (Zip Code)

Telephone: (304) 345-2610  
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

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

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

AGENCY USE ONLY

WELL DETERMINATION FILE NUMBER

851021 - 1030-047 - 0952

Use Above File Number on all Communications Relating to This Well

Designated Agent: Kenneth W. Tatarzyn

Address: 600 Charleston National Plaza  
Charleston, WV 25301

FERC Buyer Code \_\_\_\_\_

AGENCY USE ONLY

QUALIFIED

11/10/2023

RECEIVED  
OCT 21 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date Received

Determination Date



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

Date Oct. 17, 1985

Operator's Well No. Sudduth #1

API Well No. 47 - 047 - 0952  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL  
NGPA Section 103

DESIGNATED AGENT Kenneth W. Tatarzyn

ADDRESS 600 Charleston National Plaza  
Charleston, WV 25301

WELL OPERATOR TXO Production Corp.  
ADDRESS 600 Charleston National Plaza  
Charleston, WV 25301

LOCATION: Elevation 1998.69'  
Watershed Tug Fork  
Dist. Browns Cr County McDowell Quad. Welch

GAS PURCHASER Cabot Corporation  
ADDRESS 1400 Charleston National Plaza  
Charleston, WV 25301

Gas Purchase Contract No. RF5-125/RF3-125  
Meter Chart Code \_\_\_\_\_  
Date of Contract October 11, 1985

\* \* \* \* \*

Date surface drilling was begun: 8-30-85

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

$$\text{SIBHP} = \frac{(.25 D Ps)}{10,000} + Ps$$

$$\text{SIBHP} = \frac{(.25 3172 325)}{10,000} + 325$$

$$\text{SIBHP} = 350 \text{ psi}$$

AFFIDAVIT

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

Kenneth W. Tatarzyn

STATE OF WEST VIRGINIA,

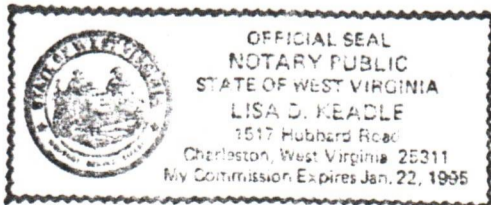
COUNTY OF Kanawha, TO WIT:

I, Lisa D. Keadle, a Notary Public in and for the state and county aforesaid, do certify that Kenneth W. Tatarzyn, whose name is signed to the writing above, bearing date the 17th day of October, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 17th day of October, 1985.

My term of office expires on the 22nd day of January, 1995.

[NOTARIAL SEAL]



Lisa D. Keadle  
Notary Public

11/10/2023



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

**RECEIVED**  
OCT 21 1985  
DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

1.0 API well number. (If not assigned, leave blank. 14 digits.)	47 - 047 - 0952			
2.0 Type of determination being sought (Use the codes found on the front of this form.)	107 Section of NGPA		3 Category Code	
3.0 Depth of the deepest completion location. (Only needed if sections 103 or 107 in 2.0 above.)	4639' feet			
4.0 Name, address and code number of applicant. (35 letters per line maximum. If code number not available, leave blank.)	TXO Production Corp. Name 600 Charleston National Plaza Street Charleston WV 25301 City State Zip Code			
5.0 Location of this well. (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.) (b) For OCS wells	Big Creek/Welch Field Name McDowell WV County State  Area Name Block Number  Date of Lease Mo. Day Yr. OCS Lease Number			
(c) Name and identification number of this well. (35 letters and digits maximum.)	Sudduth #1			
(d) If code 4 or 5 in 2.0 above, name of the reservoir. (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser. (35 letters and digits maximum. If code number not available, leave blank.) (b) Date of the contract.	Cabot Corporation Name Buyer Code  1101111815 Mo. Day Yr.			
(c) Estimated total annual production from the well:	22.8 Million Cubic Feet			
		(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	S/MMBTU	2.450	---	2.450
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	deregulated	---	deregulated
9.0 Person responsible for this application:	Kenneth W. Tatarzyn Name Drlg & Prod Manager Title Signature 10-17-85 Date Application is Completed 345-2610 Phone Number			

Agency Use Only  
Date Received by Juris. Agency  
**OCT 21 1985**  
Date Received by FERC

FERC-121 (8-82)

11/10/2023



Dep 53 CEN 1095

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

NOV 15 1985

Dev

Date: Oct. 17, 19 85

50375

AGENCY USE ONLY

Applicant's Name: TXO Production Corp.

Address: 600 Charleston National Plaza

Charleston, WV 25301

Gas Purchaser Contract No.

Date of Contract (Month, day and year)

First Purchaser: Cabot Corporation

PL16

Address: 1400 Charleston National Plaza

(Street or P.O. Box)

Charleston WV 25301

(City) (State) (Zip Code)

FERC Seller Code

WELL DETERMINATION FILE NUMBER  
861021 -1073-047-0952  
Use Above File Number on all Communications Relating to This Well

Designated Agent: Kenneth W. Tatarzyn

Address: 600 Charleston National Plaza

Charleston, WV 25301

FERC Buyer Code

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

Name: Kenneth W. Tatarzyn (Print)

Drilling & Production Manager (Title)

Signature: [Handwritten Signature]

Address: 600 Charleston National Plaza (Street or P.O. Box)

Charleston WV 25301

(City) (State) (Zip Code)

Telephone: 304 345-2610 (Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
  - 102-2 2.5 Mile Test
  - 102-3 1000 Foot Deeper Test
  - 102-4 New Onshore Reservoir

- 103 New Onshore Production Well
  - 103 New Onshore Production Well

- 107 High Cost Natural Gas
  - 107-0 Deep (more than 15,000 feet)
  - 107-1 Geopressured Brine
  - 107-2 Coal Seams
  - XX 107-3 Devonian Shale
  - 107-5 Production enhancement
  - 107-6 New Tight Formation
  - 107-7 Recompletion Tight Formation

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

AGENCY USE ONLY  
QUALIFIED  
11/10/2023

RECEIVED  
OCT 21 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date Received

Determination Date



DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

Operator's  
Well No. Sudduth #1

API Well No.

47 - 047 - 0952  
State County Permit

WELL CLASSIFICATION FORM

HIGH COST GAS WELL - DEVONIAN SHALE

NGPA Section 107

DESIGNATED AGENT Kenneth W. Tatarzyn

ADDRESS 600 Charleston National Plaza  
Charleston, WV 25301

LOCATION Elevation 1998.69'  
Watershed Tug Fork

WELL OPERATOR TXO Production Corp.

ADDRESS 600 Charleston National Plaza  
Charleston, WV 25301

Dist. Browns Cr. County McDowell Quad. Welch

Gas Purchase  
Contract No. RF5-125/RF3-125

GAS PURCHASER Cabot Corporation

Meter Chart Code \_\_\_\_\_

ADDRESS 1400 Charleston National Plaza  
Charleston, WV 25301

Date of Contract October 11, 1985

\* \* \* \* \*

Date surface drilling began: 8-30-85

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

$$\text{SIBHP} = \frac{(.25 \text{ D Ps})}{10,000} + \text{Ps}$$

$$\text{SIBHP} = \frac{(.25 \text{ 3172 325})}{10,000} + 325$$

SIBHP = 350 psi

AFFIDAVIT

I, Kenneth W. Tatarzyn, having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(1) or (3)(11)(A) has been filed, or as indicated by the report described in subparagraph (3)(11)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

Kenneth W. Tatarzyn

STATE OF WEST VIRGINIA

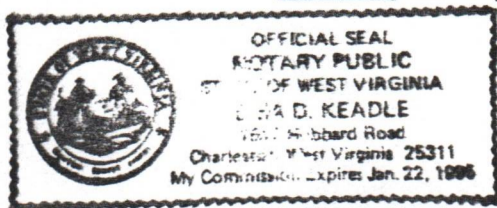
COUNTY OF Kanawha, TO-WIT:

I, Lisa D. Keadle, a Notary Public in and for the state and county aforesaid, do certify that Kenneth W. Tatarzyn, whose name is signed to the writing above, bearing date the 17th day of October, 1985, has acknowledged the same before me, in my county aforesaid.

11/10/2023

Given under my hand and official seal this 17th day of October, 1985.  
My term of office expires on the 22nd day of January, 1995.

(NOTARIAL SEAL)



Lisa D. Keadle  
Notary Public



DEVONIAN SHALE GAMMA RAY LOG ANALYSIS

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT

Operator: TXO Production Corp. Agent: Kenneth W. Tatarzyn

Type Determination being sought - 107 (Devonian Shale)

API Well No. : 47-047-0952 Well Name: Sudduth #1

West Virginia office of Oil & Gas County: McDowell

References: SJA File No.

Vol. \_\_\_\_\_ Page \_\_\_\_\_ Line \_\_\_\_\_

I. Note: A Gamma Ray Log has been marked with the (a) Shale Base Line, (b) a line representing 0.7 x (Shale Base Line), (c) intervals with Gamma Ray units less than 0.7 x (Shale Base Line) and that log is included with this analysis.

II. Gamma Ray elevation indices:

A. Shale Base Line (API Units)

1. GR Value at Base Line = 160 \* API Units
2. Remarks:

B. Gamma Ray Log Value at 0.7 x Value at Base Line

1. GR Value = 160 \* API Units
2. Calculation:  $0.7 \text{ (GR Value at Base Line)}$   
 $0.7 \text{ (} \underline{160} \text{ *)} = \underline{112}$  API Units

III. Intervals with GR index less than 0.7 x (Value at Base Line):

Interval		Thickness of Interval Feet	Feet of less than* 0.7 (Shale Base Line) Feet
From	To		
4618	4620	2	2
4628	4630	2	2
4638	4644	6	6
4646	4648	2	2
4818	4820	2	2

Total Devonian Interval 480' 480'

Total Less than 0.7 (Shale Base) 14'

11/10/2023

Percentage Less Than 0.7 (Shale Base Line) = .03 x 100 = 3 %

\* Marked on log included with analysis.







DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

NOV 15 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

TF

Date: Oct. 17, 1985

AGENCY USE ONLY

Applicant's Name: TXO Production Corp. **50375**

WELL DETERMINATION FILE NUMBER  
**851021-1076-047-0952**  
Use Above File Number on all Communications Relating to This Well

Address: 600 Charleston National Plaza  
Charleston, WV 25301

Gas Purchaser Contract No. \_\_\_\_\_

Date of Contract \_\_\_\_\_  
(Month, day and year)

First Purchaser: Gabot Corporation **P616**

Designated Agent: Kenneth W. Tatarzyn

Address: 1400 Charleston National Plaza  
(Street or P.O. Box)  
Charleston WV 25301  
(City) (State) (Zip Code)

Address: 600 Charleston National Plaza  
Charleston, WV 25301

FERC Seller Code \_\_\_\_\_

FERC Buyer Code \_\_\_\_\_

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

Name: Kenneth W. Tatarzyn (Print) Drilling & Production Manager (Title)

Signature: *K. Tatarzyn*

Address: 600 Charleston National Plaza  
(Street or P.O. Box)  
Charleston WV 25301  
(City) (State) (Zip Code)

Telephone: 304 345-2610  
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

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

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

AGENCY USE ONLY

**QUALIFIED**  
11/10/2023

RECEIVED  
OCT 21 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date Received

Determination Date



DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION

WELL  
NO. Sudduth #1

API  
NO. 47 047 0952  
State County Permit

WELL CLASSIFICATION FORM

HIGH-COST GAS - NEW TIGHT FORMATION

NGPA SECTION 107

WELL OPERATOR TXO Production Corp.

Designated Agent Kenneth W. Tatarzyn

Address 600 Charleston National Plaza  
Charleston, WV 25301

Address 600 Charleston National Plaza  
Charleston, WV 25301

Gas Purchaser Cabot Corporation

Location: Elevation 1998.69'

Address 1400 Charleston National Plaza  
Charleston, WV 25301

Watershed Tug Fork Quad. Welch

District Browns Cree County McDowell

Gas Purchase  
Contract No. RF5-125/RF3-125

Meter Chart Code \_\_\_\_\_

Date of Contract October 11, 1985

\* \* \* \* \*

Date surface drilling began 8-30-85

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

$$\text{SIBHP} = \frac{(.25 \text{ D Ps})}{10,000} + \text{Ps}$$

$$\text{SIBHP} = \frac{(.25 \text{ 3172 325})}{10,000} + 325$$

$$\text{SIBHP} = 350 \text{ psi}$$

AFFIDAVIT

I, Kenneth W. Tatarzyn, having been first sworn according to law, state that surface drilling the the well for which this determination is sought was begun on or after July 16, 1979, the gas is being produced from a designated tight formation and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

Kenneth W. Tatarzyn

STATE OF West Virginia

COUNTY OF Kanawha, TO-WIT:

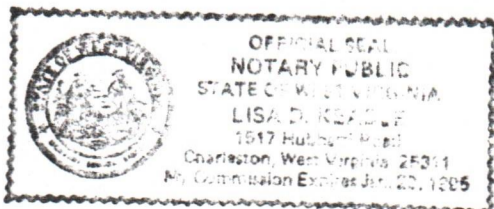
I, Lisa D. Keadle, a Notary Public in and for the state and county aforesaid, do certify that Kenneth W. Tatarzyn whose name is signed to the writing above, has acknowledged the same before me, in the county aforesaid.

**11/10/2023**

Given under my hand this 17th day of October, 19 85.

My commission expires: January 22, 1995

(NOTARIAL SEAL)



Lisa D. Keadle  
Notary Public



Violation No. V  
86-2406  
VI-27  
DEPARTMENT OF ENERGY  
OIL AND GAS



SD 5-15-86  
update

Date: 4-23-86  
Well No: #1 Suddath  
API NO: 47-047-0952  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS  
NOTICE OF VIOLATION

APR 25 1986

Well TYPE: Oil \_\_\_ / Gas  Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
Of "Gas" - Production  Storage \_\_\_ / Deep \_\_\_ / Shallow

LOCATION: Elevation: 1998 Watershed: Log River  
District: Broad Mt County: McDowell Quadrangle: Welch

WELL OPERATOR TXO Production Corp DESIGNATED AGENT Kenneth W. TATARZAYN  
Address 900 Charleston National Plaza K-  
Charleston, WV 2530 Same

The above well is being posted this 23<sup>rd</sup> day of April, 19 86 for a  
violation of Code 22B-130 and/or Regulation a & B, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

*Failure to complete reclamation in Designated time  
failure to have location seed & mulched  
failure to have all disturbed areas seeded & mulched  
failure to have (Sedimentation Barriers) straw  
at outlet ditches (cross drains)*

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 May 1, 19 86, to abate this violation.

Failure to abate the violation may result in action by the Department under  
Code 22B, Article 1.

Arthur C. St. Clair 6091  
Oil and Gas Inspector

Address Box 468  
Brenton, WV 24818

Telephone: 732-6227







SD

V 86 2406  
RECEIVED  
DEPARTMENT OF MINES, OIL AND GAS  
ENERGY

FORM IV-31  
9-83

MP-Date

5-28-86

MAY 27 1986

Date: 5-28-86  
Operator's #1  
Well Number  
API Well No.: 47 - 047 - 0952  
State County Permit

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: 1998 Watershed: Tug River  
District: Brown Creek County: McDowell Quadrangle: Welch  
WELL OPERATOR: XO Productions DESIGNATED AGENT: Kenneth FATARZAYN  
Address: 900 Ashporton road, pleas Charleston, WV, 25301 Address: Same

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 5-22, 1986.  
The violation of Code 20-130 heretofore found to exist on 4-23-86, 1986, 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

found all violated conditions abated this date

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.

Arthur C. St. John (509)  
Oil and Gas Inspector  
Address: P.O. Box 468  
Brenton, WV, 24818  
Telephone



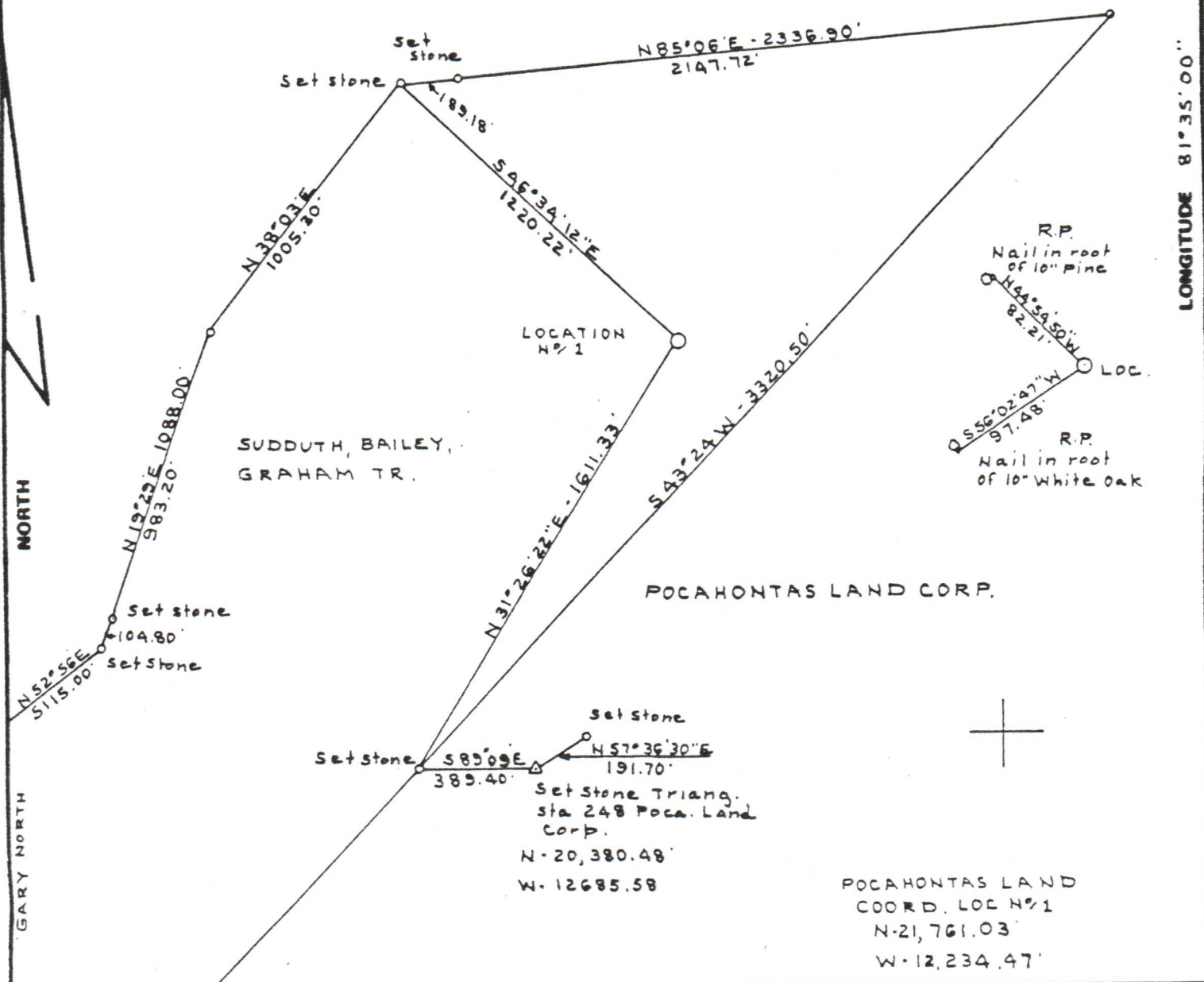
2729-20-85

2700'

LATITUDE 37°27'30"

LONGITUDE 81°35'00"

POCAHONTAS LAND CORP.



FILE NO. BK 95 PG 66  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:3000'  
 PROVEN SOURCE OF ELEVATION USGS BM Q-194  
DISK in rock cut Jct Rts  
16 E 52 E 1514'

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. J. Volley Jr.  
 R.P.E. LLS 92

PLACE SEAL HERE

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



DATE JULY 15, 19 85  
 OPERATOR'S WELL NO. SUDDUTH NO. 1  
 API WELL NO. \_\_\_\_\_  
47-047-0952  
 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 \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1998.69' WATERSHED TUG FORK  
 DISTRICT BROWNS CREEK COUNTY MCDOWELL  
 QUADRANGLE WELCH  
 SURFACE OWNER E.H. SUDDUTH COMPANY, ETAL ACREAGE 247  
 OIL & GAS ROYALTY OWNER E.H. SUDDUTH COMPANY, ETAL LEASE ACREAGE 247 11/10/2023  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL X 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 / GORDON ESTIMATED DEPTH 5000  
 WELL OPERATOR IXO PRODUCTION CORP DESIGNATED AGENT KENNETH TATARZYN ✓  
 ADDRESS 900 CHARLESTON NATIONAL PLAZA ADDRESS 900 CHARLESTON NATIONAL PLAZA  
CHARLESTON WY 25301 CHARLESTON WY 25301