A1

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

FILE COPY

1) Date: August 28, 19 84
2) Operator's Well No. Waco #357-Ward Lease
3) API Well No. 47 - 021 - 4248
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 X / Underground storage ____ / Deep ____ / Shallow X /)

5) LOCATION: Elevation: 1195' Watershed: Horn Creek LK 75F
District: Troy County: Gilmer Quadrangle: Auburn 7.5'

6) WELL OPERATOR Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Glenville, WV 26351

7) DESIGNATED AGENT Kenneth Greenlief
Address 1297 N. Lewis Street
Glenville, WV 26351

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Deo Mace
Address Route 1, Box 5
Sandridge, WV 25274

9) DRILLING CONTRACTOR:
Name I. L. Morris Well Service, Inc.
Address 1297 N. Lewis Street
Glenville, WV 26351

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DEPT. OF MINES

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, Elk

12) Estimated depth of completed well, 5500' feet

13) Approximate trata depths: Fresh, 145 feet; salt, None feet

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

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	J	20	X		1040'	1040'	250 sacks-CTS Neat	
Production	4 1/2	J	10.5	X			5500'	625 sacks-	Depths set
Tubing								or as reg.	by rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-021-4248 October 5, 19 84
Date

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

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

Permit expires October 5, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
168	MH	MH	MH	1144

Margaret I. Kasse
Administrator, Office of Oil and Gas

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

File

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

09/29/2023

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

OFFICE USE ONLY

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

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

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

OTHER INSPECTIONS

Reason: _____

Reason: _____

09/29/2023

File

A5

Waco #357-Ward Lease-----Surface Owners:

Avon Clevenger
Route 1, Box 336
Shelby, OH 44875

Mildred Wiseman
327 West Ridge Pike
Limerick, PA 19468

Mildred Lewis
Box 154
Belmont, WV 26131

Joseph Kirkpatrick
100 Glen Oban Drive
Arnold, MD 21012

Sarah Gardner
5919 Linthicum Lane
Linthicum, MD 21090

Karen Sue Strader
Route 2, Box 174
Weston, WV 26452

Janice Williams
146 Coleman Avenue
Clarksburg, WV 26301

Clive West
625 Court Avenue
Weston, WV 26452

Angeline Ward
16 Center Street
Weston, WV 26452

Damon West
P.O. Box 9
Troy, WV 26443

Mildred M. Lewis
44 N. Arlington Street
Akron, OH 44305

Amy Brown
322 Tyler Avenue
Clarksburg, WV 26301

Virginia West
P.O. Box 23
Troy, WV 26443

09/29/2023

Form IV-2 (A)
Reverse

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

1) Date of Notice.

2) Your well name and number.

3) To be filled out by the Office of Oil & Gas.

4) & 5) Use separate sheet if necessary.

4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".

5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.

5(ii, iii) See Code § 22-4-20.

6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.

7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

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

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

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

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

(1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;

(2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
Mathew Ward Heirs	Waco Oil & Gas Co., Inc.	1/8	346/644 thru 668 inclusive

09/29/2023

FORM IV-2(A)

1) Date: August 28, 19 84
2) Operator's Well No. Waco #357-Ward Lease
3) API Well No. 47 - 021 - 4248
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 Mathew Ward Heirs
Address P.O. Box 9
Troy, WV

(ii) Name (See attached List)
Address

(iii) Name
Address

5(i) COAL OPERATOR n/a
Address

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name n/a
Address

Name
Address

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name n/a
Address

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

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

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

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

6) EXTRACTION RIGHTS

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

7) ROYALTY PROVISIONS

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

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

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

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by Kenneth Greenlief, this 28 day of August, 19 84.
My commission expires 9/16, 19 90.

M Lynn Chapman
Notary Public, Gilmer County, State of West Virginia

WELL OPERATOR Waco Oil & Gas Co., Inc.
By Kenneth L. Greenlief
Its Agent
Address 1297 N. Lewis Street
Glenville, WV 26351
Telephone (304) 462-5347

09/29/2023

A6

IV-9
(Rev 8-81)

Rec'd. (WFSCD)
AUG 28 1984

State of West Virginia
Department of Mines
Oil and Gas Division

DATE August 28, 1984
WELL NO. Waco #357
API NO. 47 - 021 - 4248

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Waco Oil & Gas Co.
Address P.O. Box 4 Glenville, WV 26351
Telephone 462-5347

DESIGNATED AGENT Kenny Greenlief
Address P.O. Box 4 Glenville, WV 26351
Telephone 462-5347

LANDOWNER Mathew Ward, Hrs.
SOIL CONS. DISTRICT West Fork
Revegetation to be carried out by Waco Oil & Gas Co. (Agent)

This plan has been reviewed by West Fork SCD. All corrections and additions become a part of this plan: 9/6/84 (Date)

Kenneth E Knight (SCD Agent)

THIS REVIEW IS MADE FOR SITE AS SHOWN. A CHANGE OF ELEVATION OF PLUS OR MINUS 10 FT. OR SLOPE OF PLUS OR MINUS 3 PERCENT MAKES THIS PLAN NOT ACCEPTABLE TO WFSCD.

RECEIVED OCT 01 1984 OIL & GAS DIVISION DEPT. OF MINES

ACCESS ROAD

Structure Drainage Ditch (A)
Spacing Inside road cuts
Page Ref. Manual 2-12

Structure Road Culvert (B)
Spacing (according to Oil & Gas Manual) One T6" (at natural drains) with riprapped outlet
Page Ref. Manual 2-7

Structure (C)
Spacing
Page Ref. Manual

LOCATION

Structure Diversion Ditch (1)
Material Earthen
Page Ref. Manual 2-12

Structure Sediment Barrier (2)
Material Logs &/or Brush or Rock
Page Ref. Manual 2-16

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 & II

*Lime Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hydro (H-Seed Paper) 3/4 Tons/acre
Seed* KY 31 35 lbs/acre
Ladino Clover 5 lbs/acre
lbs/acre

~~Treatment Area II~~

Lime Tons/acre
or correct to pH
Fertilizer lbs/acre
(10-20-20 or equivalent)
Mulch Tons/acre
Seed* lbs/acre
lbs/acre
lbs/acre

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

* Lime according to pH test.

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

PLAN PREPARED BY SMITH LAND SURVEYING
ADDRESS 111 South Street
Glenville, WV 26351
PHONE NO. 462-5634

09/29/2023

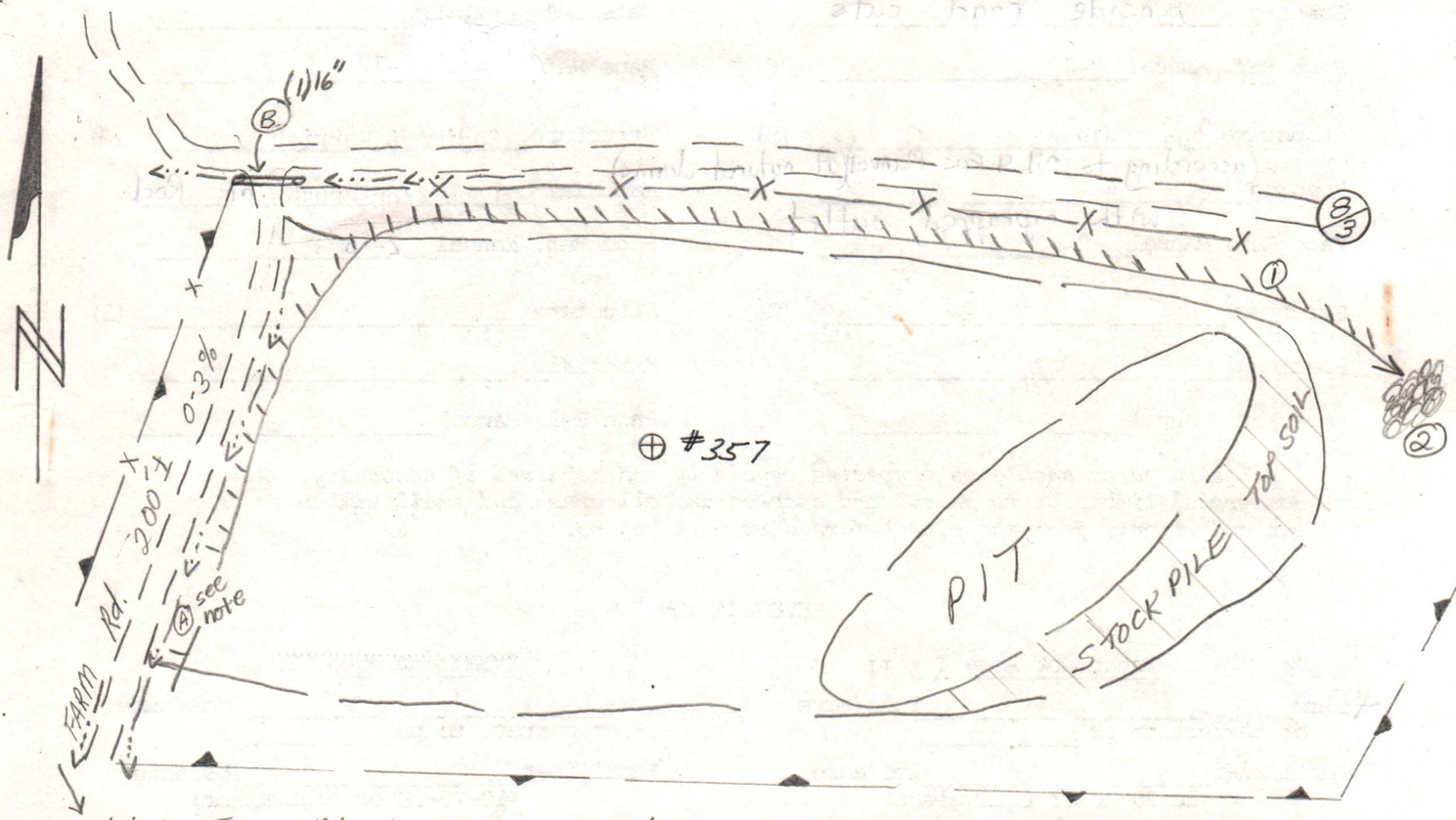
ATTACH OR PHOTOCOPY SECTION
OF INVOLVED TOPOGRAGHIC MAP.
QUADRANGLE ~~Auburn 7.5'~~

LEGEND

WELL SITE ⊕ ACCESS ROAD ———

WELL SITE PLAN

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



Note: Farm Rd. to be reopened after drilling operations & drainage ditch constructed along the eastern side thereof.

Access road subject to change between company and land owner, or aquirement of right-of-way. If change is made , a revised reclamation plan will be submitted. All cuts 2:1 slope. All topsoil to be stockpiled and used in reclamation. All grades for roads and locations as well as sediment structures shown on drawing.

LEGEND

DRAIN PIPE	—o→o→	PROPERTY BOUNDARY	▲—▼—▲—▼—
ROAD	= = = = = =	EXISTING FENCE	—x—x—x—
DIVERSION	▨	PLANNED FENCE	—/—/—/—
WATERWAY	⊂→→→	BUILDING	■
STREAM	∿∿∿	WET SPOT	⊃O
OPEN DITCH	—··>—··>—	SPRING	O→

09/29/2023

SLS
SMITH LAND SURVEYING CO.
111 SOUTH ST.
GLENVILLE, WV. 26351

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

SURFACE OWNER'S COPY

1) Date: August 24, 19__
2) Operator's Well No. [illegible]
3) API Well No. 47 [illegible] [illegible]
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 X / Underground storage ____/ Deep ____/ Shallow X /)

5) LOCATION: Elevation: ____ Watershed: Stonelick Run
District: Troy County: Gilmer Quadrangle: Auburn 7.5

6) WELL OPERATOR Wace Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV 26351

7) DESIGNATED AGENT Kenneth Strickler
Address 1297 N. Lewis Street
Clarksville, WV 26351

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Dee Mace
Address Route 1, Box 5
Sandridge, WV 25274

9) DRILLING CONTRACTOR:
Name Wace Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV 26351

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

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OIL & GAS DIVISION
DEPT. OF MINES

11) GEOLOGICAL TARGET FORMATION, Elk
12) Estimated depth of completed well, 5500 feet
13) Approximate trata depths: Fresh, 145 feet; salt, None feet.
14) Approximate coal seam depths: None Is coal being mined in the area? Yes ____/ No ____/
15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	J	20	X		1040	1040	250 sacks	cts neat
Production	4-1/2	J	10.5	X			5500	625 sacks	Depths set
Tubing								or as reqd.	by Rule 15.01
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.)

NAME: ____

By ____

Its ____ Date ____

(For execution by natural persons)

George L. Clevenger (Signature) Date: 9/4/84

Eunice P. Clevenger (Signature) Date: 9-4-84

09/29/2023

Surface Owner

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

SURFACE OWNER'S COPY

1) Date: August 28, 19 84
2) Operator's Well No. 5466
3) API Well No. 47 — State — 001 — 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 X / Underground storage ____/ Deep ____/ Shallow X /)

5) LOCATION: Elevation: ____ Watershed: Stonelick Run
District: Troy County: Gilmer Quadrangle: Auburn 7.5

6) WELL OPERATOR Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV 26351

7) DESIGNATED AGENT Kenneth Greenlief
Address 1297 N. Lewis Street
Clarksville, WV 26351

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Doc Hace
Address Route 1, Box 5
Sandridge, WV 25274

9) DRILLING CONTRACTOR:
Name Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV 26351

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

RECEIVED
OCT 01 1984
OIL & GAS DIVISION
DEPT. OF MINES

11) GEOLOGICAL TARGET FORMATION, Big Lime
12) Estimated depth of completed well, 5500 feet
13) Approximate trata depths: Fresh, 145 feet; salt, None feet.
14) Approximate coal seam depths: None Is coal being mined in the area? Yes ____/ No ____/

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	J	20	X		1040	1040	250 sacks	ctg neat
Production	4-1/2	J	10.5	X			5500	625 sacks	Depths set
Tubing								or as reqd.	by Rule 15.01
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.)

NAME: ____

By ____

Its ____ Date ____

(For execution by natural persons)

✓ Mildred Wiseman Date: 9/5/84
(Signature)

Lonnie Wiseman Date: SEP 19 1984
(Signature)

09/29/2023

Surface Owner

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

SURFACE OWNER'S COPY

1) Date: August 25, 19 84
2) Operator's Well No. 8469
3) API Well No. 47 — State — 021 — 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 X / Underground storage ____/ Deep ____/ Shallow X /)

5) LOCATION: Elevation: ____ Watershed: Stonelick Run
District: Troy County: Clermont Quadrangle: Auburn 7.5

6) WELL OPERATOR Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV 26351

7) DESIGNATED AGENT Kenneth Greenlief
Address 1297 N. Lewis Street
Clarksville, WV 26351

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Don Mace
Address Route 1, Box 5
Sandridge, WV 25274

9) DRILLING CONTRACTOR:
Name Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV 26351

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

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OIL & GAS DIVISION
DEPT. OF MINES

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12) Estimated depth of completed well, 5500 feet
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15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
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Tubing								or as reqd.	by Rule 15.01
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.)

NAME: ____

By ____

Its ____ Date ____

(For execution by natural persons)

✓ Mildred M. Lewis Date: 9/27/84
(Signature)

____ Date: ____
(Signature)

Surface Owner

Its ____ Date ____

✓ Carol A. Kirkpatrick Date: 9/4/84
(Signature)

Surface Owner

09/29/2023

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

SURFACE OWNER'S COPY

1) Date: August 2, 19 84
2) Operator's Well No. [illegible]
3) API Well No. 47 [illegible] [illegible]
State County Permit

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

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B (If "Gas", Production X / Underground storage ____/ Deep ____/ Shallow X /)

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District: Troy County: Gilmer Quadrangle: Auburn 7.5

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Address 1297 N. Lewis Street
Glenville, WV 26351

7) DESIGNATED AGENT Kenneth Greenlief
Address 1297 N. Lewis Street
Glenville, WV 26351

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Doc Hace
Address Route 1, Box 5
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9) DRILLING CONTRACTOR:
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RECEIVED
OCT 01 1984
OIL & GAS DIVISION
DEPT. OF MINES

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12) Estimated depth of completed well, 5500 feet
13) Approximate trata depths: Fresh, 145 feet; salt, None feet.
14) Approximate coal seam depths: None Is coal being mined in the area? Yes ____ No ____/

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	J	20	X		1040	1040	250 sacks	cts neat
Production	4-1/2	J	10.5	X			5500	625 sacks	Depths set
Tubing								or as reqd.	by Rule 15.01
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.)

NAME: ____

By ____

Its ____ Date ____

(For execution by natural persons)

Sarah M. Gardner (Signature) Date: 9/1/84

Stewart Gardner Jr. (Signature) Date: 9/1/84

09/29/2023

Surface Owner

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

SURFACE OWNER'S COPY

1) Date: August 2, 19 84
2) Operator's Well No. 1429
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 X / Underground storage ____ / Deep ____ / Shallow X /)

5) LOCATION: Elevation: ____ Watershed: Stonelick Run
District: Troy County: Gilmer Quadrangle: Auburn 7.5

6) WELL OPERATOR Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Glenville, WV 26351

7) DESIGNATED AGENT Kenneth Greenlief
Address 1297 N. Lewis Street
Glenville, WV 26351

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Don Mace
Address Route 1, Box 5
Sandridge, WV 25274

9) DRILLING CONTRACTOR:
Name Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Glenville, WV 26351

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, Big Lime

12) Estimated depth of completed well, 5500 feet

13) Approximate trata depths: Fresh, 145 feet; salt, None feet.

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

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OIL & GAS DIVISION
DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	J	20	X		1040	1040	250 sacks	cts neat
Production	4-1/2	J	10.5	X			5500	625 sacks	Depths set
Tubing								or as reqd.	by Rule 15.01
Liners									Perforations:
									Top Bottom

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VOLUNTARY STATEMENT OF NO OBJECTION

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

(For execution by corporation, partnership, etc.)

NAME: ____

By ____

Its ____ Date ____

(For execution by natural persons)

Karen Sue Strader (Signature) Date: 9/04/84

____ (Signature) Date: ____

09/29/2023

Surface Owner

09/29/2023

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

SURFACE OWNER'S COPY

1) Date: August 2, 19 84
2) Operator's Well No. Pace
3) API Well No. 47 State — 001 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 X / Underground storage ____ / Deep ____ / Shallow X /)

5) LOCATION: Elevation: ____ Watershed: Stonelick Run
District: Troy County: Gilmer Quadrangle: Auburn 7.5

6) WELL OPERATOR Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV 26351

7) DESIGNATED AGENT Kenneth Strechlief
Address 1297 N. Lewis Street
Clarksville, WV 26351

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Doc Hess
Address Route 1, Box 5
Sandridge, WV 25274

9) DRILLING CONTRACTOR:
Name Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV 26351

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, Elk

12) Estimated depth of completed well, 5500 feet

13) Approximate trata depths: Fresh, 145 feet; salt, None feet.

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

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	J	20	X		1040	1040	250 sacks	cts neat
Production	4-1/2	J	10.5	X			5500	625 sacks	Depths set
Tubing								or as reqd.	by Rule 15.01
Liners									Perforations:
									Top Bottom

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OIL & GAS DIVISION
DEPT. OF MINES

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VOLUNTARY STATEMENT OF NO OBJECTION

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

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

(For execution by corporation, partnership, etc.)

NAME: ____

By ____

Its ____ Date ____

(For execution by natural persons)

Janice P Williams Date: 9/4/84
(Signature)

____ Date: ____
(Signature)

09/29/2023

Surface Owner

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

SURFACE OWNER'S COPY

1) Date: August 26, 19 84
2) Operator's Well No. 1260
3) API Well No. 47 — 021 — 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 X / Underground storage ____/ Deep ____/ Shallow X /)

5) LOCATION: Elevation: ____ Watershed: Stonelick Run
District: Troy County: Gilmer Quadrangle: Auburn 7.5

6) WELL OPERATOR Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV 26351

7) DESIGNATED AGENT Kenneth Greenlief
Address 1297 N. Lewis Street
Clarksville, WV 26351

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Dee Moss
Address Route 1, Box 5
Sandridge, WV 25274

9) DRILLING CONTRACTOR:
Name Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV 26351

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, Elk

12) Estimated depth of completed well, 5500 feet

13) Approximate trata depths: Fresh, 145 feet; salt, None feet.

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

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	J	20	X		1040	1040	250 sacks	cts next
Production	4-1/2	J	10.5	X			5500	625 sacks	Depths set
Tubing								or as reqd.	by Rule 15.01
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.)

NAME: ____

By ____

Its ____ Date ____

(For execution by natural persons)

✓ Oliver West Date: 9/27/84
(Signature)

____ Date: ____
(Signature)

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OIL & GAS DIVISION
DEPT. OF MINES

09/29/2023

Surface Owner

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

SURFACE OWNER'S COPY

1) Date: August 28, 19[illegible]
2) Operator's Well No. [illegible]
3) API Well No. 47 [illegible] [illegible]
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 [illegible]/
B (If "Gas", Production X / Underground storage ____/ Deep ____/ Shallow X /)

5) LOCATION: Elevation: ____ Watershed: Stonelick Run
District: Troy County: Gilmer Quadrangle: Auburn 7.5

6) WELL OPERATOR Wace Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Glenville, WV 26351

7) DESIGNATED AGENT Kenneth Strickler
Address 1297 N. Lewis Street
Glenville, WV 26351

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Dee Mace
Address Route 1, Box 5
Sandridge, WV 25274

9) DRILLING CONTRACTOR:
Name Wace Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Glenville, WV 26351

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, Big Injun

12) Estimated depth of completed well, 5500 feet

13) Approximate trata depths: Fresh, 145 feet; salt, None feet.

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

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	J	20	X		1040	1040	250 sacks	cts neat
Production	4-1/2	J	10.5	X			5500	625 sacks	Depths set
Tubing								or as reqd.	by Rule 15.01
Liners									Perforations:
									Top Bottom

RECEIVED
OCT 01 1984
OIL & GAS DIVISION
DEPT. OF MINES

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VOLUNTARY STATEMENT OF NO OBJECTION

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

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

(For execution by corporation, partnership, etc.)

NAME: ____

By ____

Its ____ Date ____

(For execution by natural persons)

✓ Angelene B. Ward Date: 9/27/84
(Signature)

____ Date: ____
(Signature)

09/29/2023

Surface Owner

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

SURFACE OWNER'S COPY

1) Date: August 2, 19 4
2) Operator's Well No. [illegible]
3) API Well No. 47 [illegible] [illegible]
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 X / Underground storage ____/ Deep ____/ Shallow X /)

5) LOCATION: Elevation: ____ Watershed: Stonelick Run
District: Troy County: Gilmer Quadrangle: Auburn 7.5

6) WELL OPERATOR Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Glenville, WV 26351

7) DESIGNATED AGENT Kenneth Grenfield
Address 1297 N. Lewis Street
Glenville, WV 26351

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Don Mace
Address Route 1, Box 5
Sandridge, WV 25274

9) DRILLING CONTRACTOR:
Name Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Glenville, WV 26351

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, Big Injun

12) Estimated depth of completed well, 5500 feet

13) Approximate trata depths: Fresh, 145 feet; salt, None feet.

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

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	J	20	X		1040	1040	250 sacks	cts neat
Production	4-1/2	J	10.5	X			5500	625 sacks	Depths set
Tubing								or as reqd.	by Rule 15.01
Liners									Perforations:
									Top Bottom

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OCT 01 1984
OIL & GAS DIVISION
DEPT. OF MINES

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

(For execution by corporation, partnership, etc.)

NAME: ____

By ____

Its ____ Date ____

(For execution by natural persons)

Virginia West (Signature) Date: 9/24/84

____ (Signature) Date: ____

09/29/2023

Surface Owner

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 X / Underground storage ____/ Deep ____/ Shallow X /)

5) LOCATION: Elevation: ____ Watershed: Stonelick Run
District: Troy County: Gilmer Quadrangle: Auburn 7.5

6) WELL OPERATOR Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV 26351

7) DESIGNATED AGENT Kenneth Greenlief
Address 1297 N. Lewis Street
Clarksville, WV 26351

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Don Mace
Address Route 1, Box 5
Sandridge, WV 25274

9) DRILLING CONTRACTOR:
Name Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV

RECEIVED
OCT 01 1984
OIL & GAS DIVISION
DEPT. OF MINES

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, Big Lime
12) Estimated depth of completed well, 5500 feet
13) Approximate trata depths: Fresh, 145 feet; salt, None feet.
14) Approximate coal seam depths: None Is coal being mined in the area? Yes ____/ No ____/

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water									Sizes
Coal									Depths set
Intermediate	8-5/8	J	20	X		1040	1040	250 sacks	cts neat
Production	4-1/2	J	10.5	X			5500	625 sacks	by Rule 15.01
Tubing								or as reqd.	Perforations:
Liners									Top Bottom

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(For execution by corporation, partnership, etc.)

NAME: ____

By ____

Its ____ Date ____

(For execution by natural persons)

Damon West (Signature) Date: 9/27/84

(Signature) Date: ____

Surface Owner

Surface Owner

Gas: Initial open flow ____ Show ____

Final open flow 1,517 Mcf/d Final open flow Show Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1550 psig (surface measurement) after 48 hours shut in

(If applicable due to multiple completion--)

09/29/2023

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)

09/29/2023

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

SURFACE OWNER'S COPY

1) Date: August 26, 19 84
2) Operator's Well No. _____
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 X / Underground storage _____/ Deep _____/ Shallow X /)

5) LOCATION: Elevation: _____ Watershed: Stonelick Run
District: Troy County: Gilmer Quadrangle: Auburn 7.5

6) WELL OPERATOR Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Glenville, WV 26351

7) DESIGNATED AGENT Kenneth Greenlief
Address 1297 N. Lewis Street
Glenville, WV 26351

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Dee Moss
Address Route 1, Box 5
Sandridge, WV 25274

9) DRILLING CONTRACTOR:
Name Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Glenville, WV 26351

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

RECEIVED
OCT 01 1984
OIL & GAS DIVISION
DEPT. OF MINES

11) GEOLOGICAL TARGET FORMATION, Clk
12) Estimated depth of completed well, 5500 feet
13) Approximate trata depths: Fresh, 145 feet; salt, None feet.
14) Approximate coal seam depths: None Is coal being mined in the area? Yes _____/ No _____/

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	J	20	X		1040	1040	350 sacks	cts neat
Production	4-1/2	J	10.5	X			5500	625 sacks	Depths set
Tubing								or as reqd.	by Rule 15.01
Liners									Perforations:
									Top Bottom

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

(For execution by corporation, partnership, etc.)

NAME: _____

By _____

Its _____ Date _____

(For execution by natural persons)

Damon West (Signature) Date: 9/27/84

_____ (Signature) Date: _____

09/29/2023

Surface Owner

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

SURFACE OWNER'S COPY

1) Date: August 20, 1984
2) Operator's Well No. 1469
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 X / Underground storage ____ / Deep ____ / Shallow X /)

5) LOCATION: Elevation: ____ Watershed: Stonelick Run
District: Troy County: Gilmer Quadrangle: Auburn 7.5

6) WELL OPERATOR Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV 26351

7) DESIGNATED AGENT Kenneth Crechlief
Address 1297 N. Lewis Street
Clarksville, WV 26351

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Doc Mace
Address Route 1, Box 5
Sandridge, WV 25274

9) DRILLING CONTRACTOR:
Name Waco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV 26351

RECEIVED OCT 01 1984 OIL & GAS DIVISION DEPT. OF MINES

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, Big Injun

12) Estimated depth of completed well, 5500 feet

13) Approximate trata depths: Fresh, 145 feet; salt, None feet.

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

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	J	20	X		1040	1040	250 sacks	cts neat
Production	4-1/2	J	10.5	X			5500	625 sacks	Depths set
Tubing								or as reqd.	by Rule 15.01
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

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

(For execution by corporation, partnership, etc.)

NAME: ____

By ____

Its ____ Date ____

(For execution by natural persons)

Richard B Lewis Date: 9/25/84
(Signature)

____ Date: ____
(Signature)

09/29/2023

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

SURFACE OWNER'S COPY

1) Date: August 26, 19 84
2) Operator's Well No. 1-00
3) API Well No. 47 — State — 021 — 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 X / Underground storage ____/ Deep ____/ Shallow X /)

5) LOCATION: Elevation: ____ Watershed: Stonecliff Run
District: Troy County: Gilmer Quadrangle: Auburn 7.5

6) WELL OPERATOR Haas Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV 26351

7) DESIGNATED AGENT Kenneth Greenlief
Address 1297 N. Lewis Street
Clarksville, WV 26351

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Dee Haas
Address Route 1, Box 5
Sandridge, WV 25274

9) DRILLING CONTRACTOR:
Name Haas Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Clarksville, WV 26351

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

RECEIVED
OCT 01 1984
OIL & GAS DIVISION
DEPT. OF MINES

11) GEOLOGICAL TARGET FORMATION, Big Lime

12) Estimated depth of completed well, 5500 feet

13) Approximate trata depths: Fresh, 145 feet; salt, None feet.

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

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILLUP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	J	20	X		1040	1040	250 sacks	cts neat
Production	4-1/2	J	10.5	X			5500	625 sacks	Depths set
Tubing								or as reqd.	by Rule 15.01
Liners									Perforations:
									Top Bottom

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

(For execution by corporation, partnership, etc.)

NAME: ____

By ____

Its ____ Date ____

(For execution by natural persons)

Amy Brown (Signature) Date: 9/27/84

____ (Signature) Date: ____

09/29/2023

Surface Owner

RECEIVED
JAN 17 1985
OIL & GAS DIVISION
DEPT. OF MINES

IV-35
(Rev 8-81)

Date December 13, 1984
Operator's
Well No. Waco #357-Ward
Farm Ward
API No. 47 - 021 - 4248

State of West Virginia
Department of Mines
Oil and Gas Division

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

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

LOCATION: Elevation: 1195' Watershed Horn Creek
District: Troy County Gilmer Quadrangle Auburn 7.5'

COMPANY Waco Oil & Gas Co., Inc.
ADDRESS Glenville, WV 26351
DESIGNATED AGENT Kenneth Greenlief
ADDRESS Glenville, WV 26351
SURFACE OWNER Mathew Ward, Heirs
ADDRESS Troy, WV
MINERAL RIGHTS OWNER same
ADDRESS same
OIL AND GAS INSPECTOR FOR THIS WORK
Deo Mace ADDRESS Sandridge, WV
PERMIT ISSUED 10/05/84
DRILLING COMMENCED 10/13/84
DRILLING COMPLETED 10/19/84
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	931'	931'	To Surface
7'			
5 1/2			
4 1/2		5350'	650 Sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Elk Depth 5500 feet
Depth of completed well 5420 feet Rotary X / Cable Tools
Water strata depth: Fresh None feet; Salt None feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Alexander, Riley, Balltown Pay zone depth See Treatment feet
Gas: Initial open flow Show Mcf/d Oil: Initial open flow ___ Bbl/d
Final open flow 1,517 Mcf/d Final open flow Show Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 1550 psig (surface measurement) after 48 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)

FORM IV-35
(REVERSE)

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

ALEXANDER-5187 to 5248-500 gal. 15% Hcl, 30,000 lb. 20-40, 35 MCF N_2

LOWER 3RD RILEY-4824 to 4860-500 gal. 15% Hcl, 10,000 lb. 80-100, 40,000 lb. 20-40, 43 MCF N_2

UPPER 3RD RILEY-4704 to 4798-500 gal. 15% Hcl, 10,000 lb. 80-100, 15,000 lb. 20-40, 26 MCF N_2

2ND RILEY-4540 to 4558-500 gal. 15% Hcl, 10,000 lb. 80-100, 15,000 lb. 10-40, 29 MCF N_2

BALLTOWN-4140 to 4152-500 gal. 15% Hcl, 5,000 lb. 80-100, 25,000 lb. 20-40, 28 MCF N_2

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Clay	0	13	
Sand, Shale, Red Rock	13	958	
Sand, Shale	958	2026	
Little Lime	2026	2042	
Shale	2042	2056	
Big Lime	2056	2170	
Big Injun	2170	2210	
Sand, Shale	2210	3370	
Speechly Section	3370	4130	
Balltown Section	4130	4520	
Riley Section	4520	4930	
Benson	4930	4940	
Sand and Shale	4940	5156	
Alexander	5156	5248	
Shale	5248	5420	TD

(Attach separate sheets as necessary)

WACO OIL & GAS COMPANY, INC.
Well Operator

By: Kenneth Greenlief, Kenneth Greenlief 09/29/2023

Date: December 13, 1984

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."

IV-20
Obverse
1-84

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

JAN 8 1986

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
January 30, 1985

COMPANY Waco Oil & Gas Company, INc.

1297 N. Lewis Street

Glenville, West Virginia 26351

PERMIT NO 021-4248 (10-05-84)

FARM & WELL NO Mathew Ward #357

DIST. & COUNTY Troy/Gilmer

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

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

SIGNED Dick Moore

DATE 1-4-86

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.

Administrator-Oil & Gas Division

January 16, 1986
DATE

TMS/nw

09/29/2023

09/29/2023

MTD 10/5/84

8150'

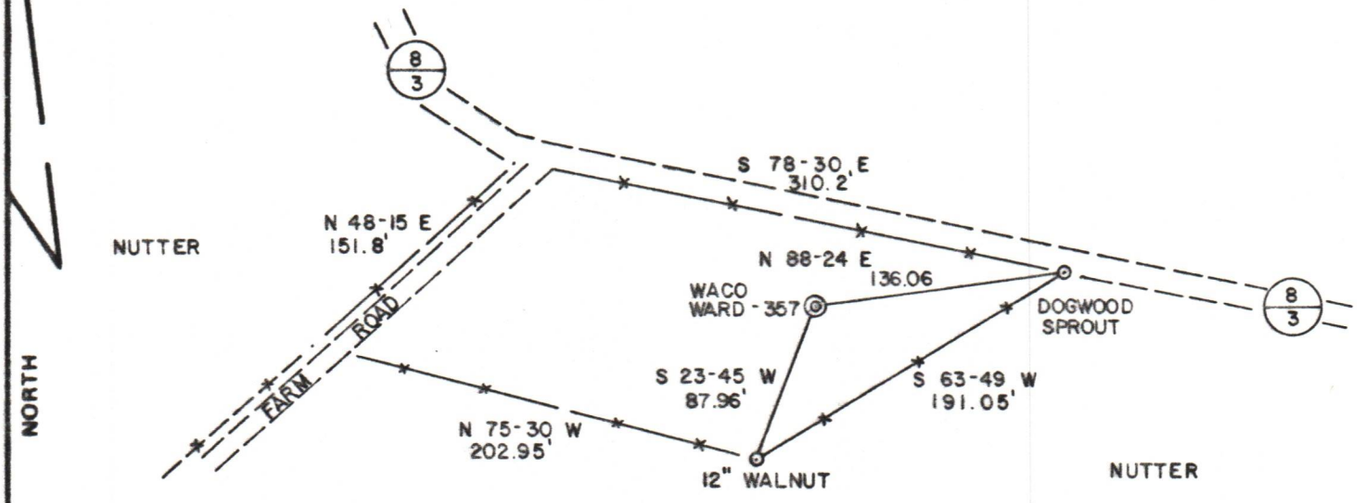
LATITUDE 39° 07' 30"

WARD HRS. LEASE

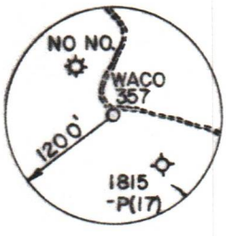
WACO - 357 1 ACRE ±

LONGITUDE 80° 47' 30"

14840'



NOTE : CORNERS SHOWN TO BE USED AS REFERENCES



FILE NO. 14 : 48
DRAWING NO.
SCALE 1" = 100'
MINIMUM DEGREE OF ACCURACY 1 / 200
PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS 937'

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) Gregory A. Smith

R.P.E. _____ L.L.S. 677

GREGORY A. SMITH LICENSED No. 677 STATE OF WEST VIRGINIA LAND SURVEYOR

PLACE SEAL HERE

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

FORM IV-6
(8-78)

DATE AUGUST 28, 19 84
OPERATOR'S WELL NO. WACO - WARD - 357
API WELL NO.
47 - 021 - 4248
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 1195' WATER SHED HORN CREEK
DISTRICT TROY COUNTY GILMER
QUADRANGLE AUBURN 7.5'
SURFACE OWNER MATHEW WARD HRS. ACREAGE 1.00
OIL & GAS ROYALTY OWNER MATHEW WARD HRS. LEASE ACREAGE 1.00
LEASE NO. _____

09/29/2023

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

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION ELK ESTIMATED DEPTH 5400'
WELL OPERATOR WACO OIL & GAS CO., INC. DESIGNATED AGENT KENNY GREENLIEF
ADDRESS P. O. BOX 4 ADDRESS P. O. BOX 4
GLENVILLE, WV 26351 GLENVILLE, WV 26351

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

SURFACE OWNER'S COPY

1) Date: August 28, 19 84
2) Operator's Well No. Vaco
3) API Well No. 47 — State — 021 — 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 X / Underground storage ____ / Deep ____ / Shallow X /)

5) LOCATION: Elevation: ____ Watershed: Stonelick Run
District: Troy County: Gilmer Quadrangle: Auburn 7.5

6) WELL OPERATOR Vaco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Glenville, WV 26351

7) DESIGNATED AGENT Kenneth Strenlief
Address 1297 N. Lewis Street
Glenville, WV 26351

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Dan Vaco
Address Route 1, Box 5
Sandridge, WV 25274

9) DRILLING CONTRACTOR:
Name Vaco Oil & Gas Co., Inc.
Address 1297 N. Lewis Street
Glenville, WV 26351

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

RECEIVED
OCT 01 1984
OIL & GAS DIVISION
DEPT. OF MINES

11) GEOLOGICAL TARGET FORMATION, Oil
12) Estimated depth of completed well, 5500 feet
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(For execution by corporation, partnership, etc.)

NAME: ____

By ____

Its ____ Date ____

(For execution by natural persons)

Joyce E. Kirkpatrick (Signature) Date: 9/4/84

Carol A. Kirkpatrick (Signature) Date: 9/4/84

09/29/2023

Surface Owner