



1) Date: July 3, 19 84
 2) Operator's Well No. One - A
 3) API Well No. 47 - 085 - 7084
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow)
 5) LOCATION: Elevation: 901 Watershed: Stewarts Run (LKH 10 V)
 District: Clay / County: Ritchie Quadrangle: Ellenboro 7.5 33
 6) WELL OPERATOR Tower Drilling Corp 49525 7) DESIGNATED AGENT Mike Raber
 Address P. O. Box 5261 Address P. O. Box 5261
Vienna, W. Va. 26105 Vienna, W. Va. 26105
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Samuel N. Hersman Name Gene Stalnaker, Inc.
 Address P. O. Box 66 Address P. O. Box 178
Smithville, W. Va. Glenville, W. Va. 26351
 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Alexander
 12) Estimated depth of completed well, 5900 feet
 13) Approximate strata depths: Fresh, 120 feet; salt, _____ feet.
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No

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 JUL 17 1984

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									
Coal									Sizes
Intermediate									
Production Tubing	<u>8 5/8</u>					<u>1001</u>	<u>1001</u>	<u>To surface</u>	Depths set <u>NEAT</u>
Liners									Perforations:
Casing	<u>4 1/2</u>						<u>5900</u>	<u>568x</u> <u>650 sks.</u>	Top Bottom <u>as req. by rule 015.01</u>

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-085-7084

Date July 27, 19 84

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

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

Permit expires July 27, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <u>LP</u>	Plat: <u>MW</u>	Casing: <u>MW</u>	Fee: <u>119.69</u>
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Margaret J. Hesse
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

1) WELL LOCATION: B (If Gas, Production) / Underground / Shallow / Deep

2) LOCATION: Well No. 41-085-7084 / District: Putnam / County: Boone / Watercourse: / Section: 201

3) WELL OPERATOR: Drilling Company / Address: P.O. Box 2281 / Virginia, Va. 26105

4) DESIGNATED AGENT: / Address: P.O. Box 2281 / Virginia, Va. 26105

5) DRILLING CONTRACTOR: / Address: P.O. Box 2281 / Virginia, Va. 26105

6) PROPOSED WELL WORK: / Drill depth: / Plug old formation / Perform new formation / Other physical change in well (specify):

7) GEOLOGICAL TARGET FORMATION: / Estimated depth of completed well: / Approximate true depth: / Approximate cost and depth:

8) CASING AND TUBING PROGRAM: / Casing or tubing type: / Size: / Specifications: / Weight: / Grade: / New / Used / Footage entry area: / Cement fill up or pack: / Other: / Is casing mined in this area? Yes

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DEPT. OF MINE
OIL & GAS DIVISION

OFFICE USE ONLY

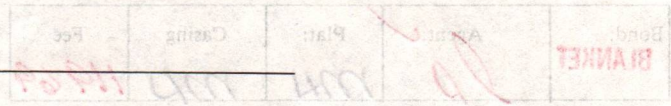
This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____



12/29/2023



IV-9
(Rev 8-81)

DATE 28 JUNE, 1984

WELL NO. #1A

State of West Virginia

API NO. 47 - 085 - 7084

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME TOWER DRILLING CORP.
Address P.O. Box 5261
VIENNA, W.VA. 26105
Telephone NONE

DESIGNATED AGENT MIKE RABER
Address P.O. Box 5261
VIENNA, W.VA. 26105
Telephone NONE

LANDOWNER JACK MOORE

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by MIKE RABER (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 7-6-84 (Date)

Garrett Newton
(SCD Agent)

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ACCESS ROAD

LOCATION

OIL & GAS DIVISION

Structure 72" CULVERT (A)
Spacing _____
Page Ref. Manual 2:7

Structure DIVERSION DITCH (1)
Material SOIL
Page Ref. Manual 2:12

Structure CROSS DRAIN (B)
Spacing 45' TO 400' (AS NEEDED)
Page Ref. Manual 2:1

Structure SEDIMENT BARRIER (2)
Material HAY BALES !/ LOGS
Page Ref. Manual 2:9

Structure (HAY BALES !/ LOGS) SEDIMENT BARRIER (C)
Spacing SAME AS CROSS DRAIN
Page Ref. Manual 2:9

Structure DRAINAGE DITCH (A)
Material _____
Page Ref. Manual 2:12

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

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch HAY OR STRAW 2 Tons/acre
Seed* ORCHARD GRASS 12 lbs/acre
LADINO CLOVER 3 lbs/acre
TIMOTHY 6 lbs/acre

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch HAY OR STRAW 2 Tons/acre
Seed* ORCHARD GRASS 12 lbs/acre
LADINO CLOVER 3 lbs/acre
TIMOTHY 6 lbs/acre

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

PLAN PREPARED BY WILLIAM R. MOSSOR, L.L.S. 551

ADDRESS 106 NORTH SPRING STREET

HARRISVILLE, W.VA. 26362

PHONE NO. (304) 643-4572

12/29/2023

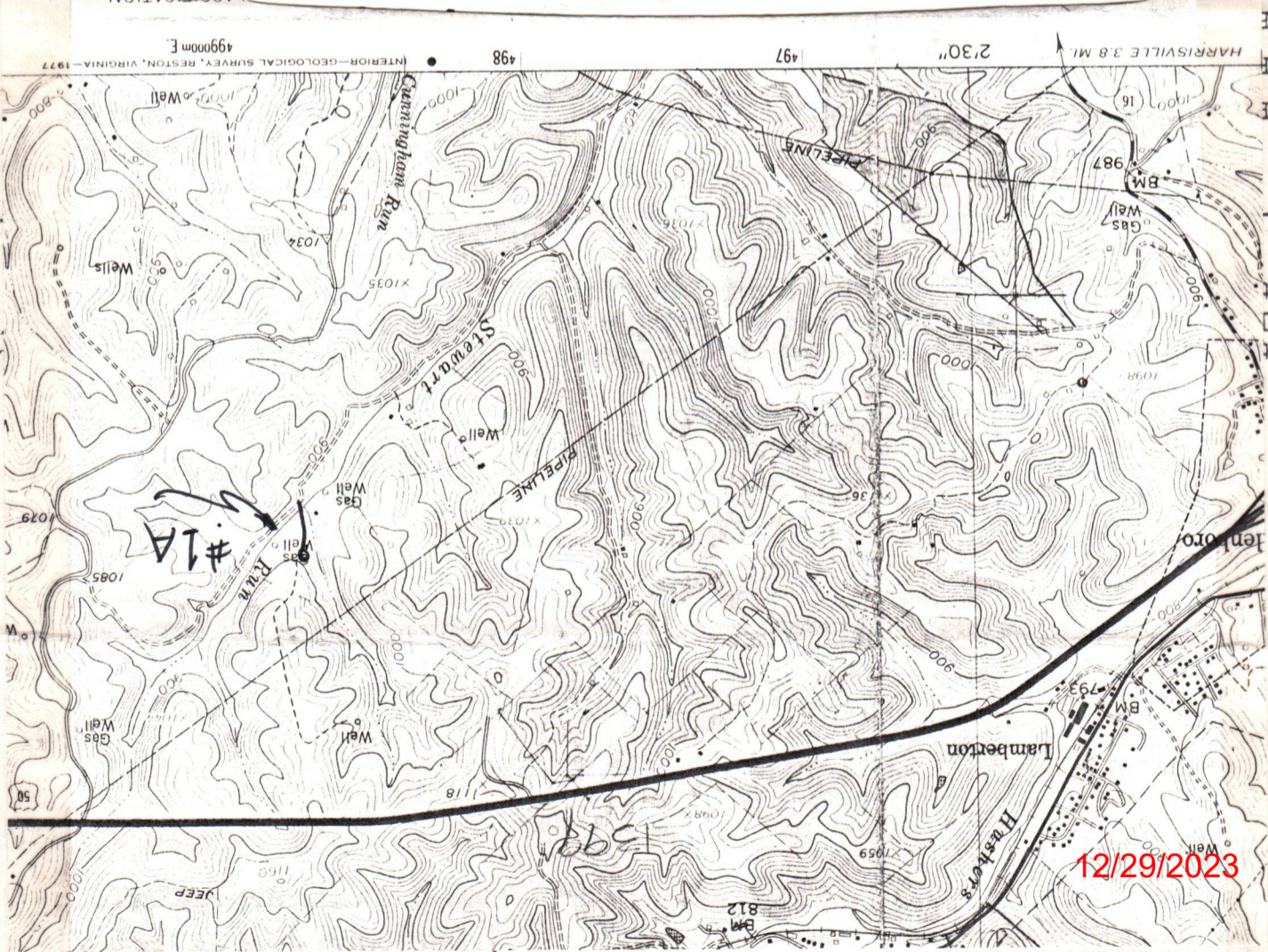
NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE ELENBORO

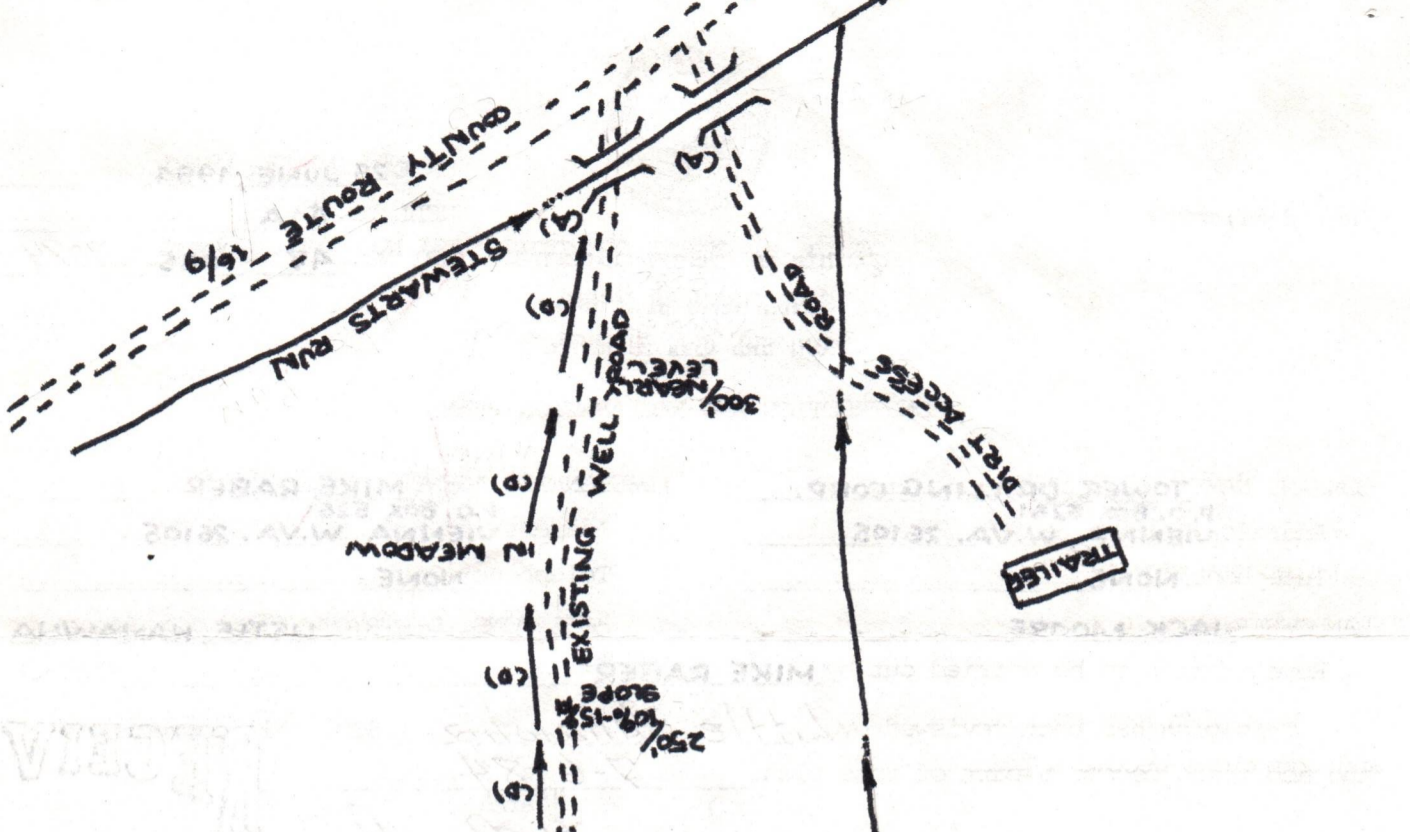
12/29/2023

LEGEND
Well site



- Planned fence
- Stream
- Open ditch
- Building
- Drain pipe
- Waterway

- COMMENTS:
1. LENGTH OF ACCESS ROAD 600'
 2. BRUSH TO BE CUT AND PILED AND BURNED AT SITE
 3. TREES TO BE CUT AND STACKED AT SITE
 4. LOCATION LOCATED APPROXIMATELY 600' NORTH OF COUNTY ROUTE 16/9



1) Date: July 6, 19 84
2) Operator's Well No. One - A
3) API Well No. 47-085-7084
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 Jack Moore
Address Route 1, Stewarts Run
Harrisville, W. Va. 26362

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5(i) COAL OPERATOR None
Address _____

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

Name None
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____

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

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

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

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

RECEIVED
JUL 17 1984

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.

OIL & GAS DIVISION
DEPT. OF MINES

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

Mike Rabe
this 6th day of July, 19 84.
My commission expires 2-17, 19 91.

Melodie Lester
Notary Public, Wood County,
State of West Virginia

WELL OPERATOR Tower Drilling Corp.

By Mike Rabe
Its president
Address P. O. Box 5261
Vienna, W. Va. 26105
Telephone 304-428-5126

12/29/2023

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

CONCERNING THE LINE ITEMS:

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

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

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

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

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

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

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

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

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
Mossor Enterprises, Inc.	Kanawha Drilling Co.	1/8th Eva Nay	Book 171 pg 561
Kanawha Drilling Co.	Tower Drilling Corp.	et al	



12/29/2023

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SURFACE OWNER'S COPY
JUL 26 1984



1) Date: July 3, 19 84
2) Operator's Well No. One - A
3) API Well No. 47
State _____ County _____ Permit _____

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

- 4) WELL TYPE: A Oil / Gas
B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow)
- 5) LOCATION: Elevation: 901 / Watershed: Stewarts Run
District: Clay / County: Ritchie / Quadrangle: Ellenboro 7.5
- 6) WELL OPERATOR Tower Drilling Corp
Address P. O. Box 5261
Vienna, W. Va. 26105
- 7) DESIGNATED AGENT Mike Raber
Address P. O. Box 5261
Vienna, W. Va. 26105
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Samuel N. Hergman
Address P. O. Box 66
Smithville, W. Va.
- 9) DRILLING CONTRACTOR:
Name Gene Stalnaker, Inc.
Address P. O. Box 178
Glenville, W. Va. 26351
- 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate
Plug off old formation _____ / Perforate new formation _____
Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Alexander
- 12) Estimated depth of completed well, 5900 feet
- 13) Approximate trata depths: Fresh, 120 feet; salt, _____ 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					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									
Coal									Sizes
Intermediate									
Production									Depths set
Tubing	<u>8 5/8</u>					<u>1051</u>	<u>1051</u>	<u>To surface</u>	
Liners	<u>4 1/2</u>						<u>5900</u>	<u>5 1/2 x 650 sks.</u>	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)
Jack E. Moore Date: 7/23/84
(Signature)

(Signature) 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 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

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

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

Where to file comments and obtain additional information:

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

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

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

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

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

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

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

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

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

A S S I G N M E N T

THIS OIL AND GAS ASSIGNMENT, Made this 1st day of May, 1984, by and between KANAWHA DRILLING COMPANY, INC., Party of the First Part, Assignor, and TOWER DRILLING CORPORATION, Party of the Second Part, Assignee.

WITNESSETH: That for and in consideration of the sum of TEN (\$10.00) DOLLARS, cash in hand paid, the receipt of which is hereby acknowledged, the said Assignors do hereby sell, transfer, assign, grant and convey unto the Assignee, all their right, title and interest, in and to that certain lease for oil and gas purposes, said lease situate on the waters of Stewarts Run, Clay District, Ritchie County, West Virginia, more particularly described as follows:

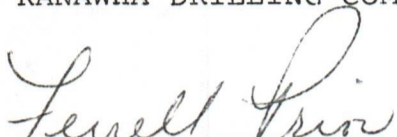
That certain lease dated July 21, 1921, from Williams Moore and Melvina Moore to the Pittsburgh and West Virginia Gas Company, consisting of 445 acres, of record in the Office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book 45 at page 163, said lease was subsequently assigned to W. H. Mossor as the eastern 1/2 of the aforesaid William Moore 445 acre lease, consisting of 215 acres, by H. G. Hardbarger, by assignment dated October 11, 1963, of record in the Office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book 101 at page 578, and further assigned by W. H. Mossor to Mossor Enterprises, Inc., by two (2) assignments as follows: First, by assignment dated November 6, 1980, of record in the Office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book 133 at page 98, and second, by assignment dated December 22, 1980, of record in the Office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book 133 at page 98, and second, by assignment dated December 22, 1980, of record in the Office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book 133 at page 403.

12/29/2023

This assignment is made subject to all the royalties, terms, provisions, and conditions set out and being a part of the original oil and gas lease and intervening assignments.

WITNESS the following signature and seal.

KANAWHA DRILLING COMPANY, INC.



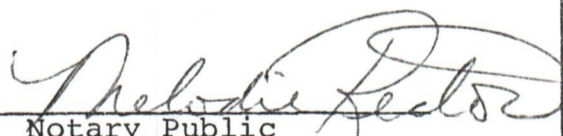
Ferrell Prior, Agent

STATE OF West Virginia

COUNTY OF Wood, TO WIT:

I, Melodie Rector, a Notary Public, in and for the County and State aforesaid, do hereby certify that Ferrell Prior, whose name is signed to the foregoing writing, bearing date the 1st day of May, 19 84, has this day acknowledged the same before me in my said County.

Given under my hand and seal this 1st day of May, 19 84.



Notary Public

My Commission Expires:

2-17-1991

This instrument prepared by: C. J. Sims

Page Two Assignment

12/29/2023

PS Form 3811, July 1983

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- 1. Show to whom, date and address of delivery.
- 2. Restricted Delivery.

3. Article Addressed to **Mr. Jack Moore**
Route 1, Stewarts Run
Harrisville, W. Va. 26362

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail	P 419 194 203

Always obtain signature of addressee or agent and **DATE DELIVERED.**

DOMESTIC RETURN RECEIPT

5. Signature - Addressee
X

6. Signature - Agent
X *M. Kelley*

7. Date of Delivery
7-10-84

8. Addressee's Address (ONLY if requested and fee paid)



RECEIVED
JAN 17 1985

IV-35
(Rev 8-81)

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date September 25, 1984
Operator's One (1)
Well No. _____
Farm Moore
API No. 47 - 085 - 7084

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

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

LOCATION: Elevation: 901 Watershed Stewarts Run
District: Clay County Ritchie Quadrangle Ellenboro 7.5

COMPANY Tower Drilling Corporation
ADDRESS P. O. Box 5261, Vienna, W. Va.
DESIGNATED AGENT Mike Raber
ADDRESS P. O. Box 5261, Vienna W. Va.
SURFACE OWNER Jack Moore
ADDRESS Rt. 1, Harrisville, W. Va.
MINERAL RIGHTS OWNER Eva M Nay
ADDRESS Harrisville, W. Va.
OIL AND GAS INSPECTOR FOR THIS WORK Samuel N. Hersman ADDRESS Smithville, W. Va.

PERMIT ISSUED July 27, 1984
DRILLING COMMENCED 9-16-84
DRILLING COMPLETED 9-20-84

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	1011	1011	To surface Neat
7			
5 1/2			
4 1/2		5084	Rule 15.01
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander Depth 5900 feet
Depth of completed well 5130 feet Rotary x / Cable Tools _____
Water strata depth: Fresh 172 feet; Salt None feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Warren, Speechley See Frac
Balltown, Riley Pay zone depth Detail feet
Gas: Initial open flow John, Alexander Show Mcf/d Oil: Initial open flow Show Bbl/d
Final open flow 1,754,000 Mcf/d Final open flow 30 Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 1275 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation Co-mingled Pay zone depth 12/29/2023 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)

RIT-7084

085-7084

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

NOWSCO NITROGEN FRAC SEPTEMBER 24, 1984

1st Stage	4550	5060	20 holes	800,000
2nd Stage	3930	4550	30 holes	900,000
3rd Stage	3470	3930	17 holes	900,000
4th Stage	3300	3470	16 holes	600,000

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	70	
Shale			70	90	
Red Rock			90	103	
Gray Shale			103	125	
Coal			125	129	
Gray Shale			129	142	
Sandy Shale			142	159	
Sand			159	180	
Sandy Shale			180	182	
Red Rock			182	189	
Sand and Gray Shale			189	230	
Red Rock			230	238	
Sandy Shale			238	260	
Gray Shale			260	304	
Sandy Shale			304	340	
Sand			340	380	
Red Rock			380	417	
Gray Shale			417	440	
Red Rock			440	453	
Gray Shale			453	470	
Red Rock			470	490	
Gray Shale			490	540	
Red Rock			540	560	
Shale			560	630	
Sand			630	635	
Sandy Shale			635	720	
Red Rock			720	732	
Shale			732	740	
Red Rock			740	821	
Gray Shale			821	830	
Red Rock			830	857	
Gray Shale			857	870	
Red Rock			870	940	
Shale			940	950	
Red Rock			950	990	
Gray Shale			990	1011	
Gray Shale			1011	1174	
First Salt Sand			1174	1296	
Shale			1296	1356	

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DEPT. OF MINES

(Attach separate sheets as necessary)

Well Operator

By: 12/29/2023

Date:

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."

Sand	1356	1402
Shale	1402	1440
Second Salt Sand	1440	1540
Shale	1540	1590
Third Salt Sand	1590	1690
Shale	1690	1740
Maxon Sand	1740	1770
Little Lime	1770	1810
Big Lime	1810	1890
Shale	1890	1900
Big Injun	1900	2000
Shale	2000	2260
Weir	2260	2320
Shale	2320	2384
First and Second		
Berea	2384	2412
Shale	2412	2488
Gantz Sand	2488	2518
Shale	2518	2532
Fifty Foot Sand	2532	2600
Shale	2600	2660
Thirty Foot Sand	2660	2700
Shale	2700	2754
Gordon Sand	2754	2796
Shale	2796	3366
Warren Sand	3366	3434
Shale	3434	3660
Upper Speechley	3660	3790
Shale	3790	3834
Lower Speechley	3834	3920
Shale	3920	3974
Upper Balltown	3974	4094
Shale	4094	4218
Lower Balltown	4218	4276
Shale	4276	4340
First Riley	4340	4384
Shale	4384	4426
Second Riley	4426	4492
Shale	4492	4660
John's Sand	4660	4840
Shale	4840	4972
Alexander	4972	5056
Shale	5056	5130
Total Depth	5130	

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 DEPT. OF MINES

Oil and Gas
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 Well Operator

BY: Stephen Jordan
 Date: Geologist

RIT-7084

12/29/2023

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JAN 17 1985

Operator's Well No. One (1)

API Well No. 47 - 085 - 7084
State County Permit

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

WELL OPERATOR'S REPORT
OF
INITIAL GAS-OIL RATIO TEST

WELL OPERATOR Tower Drilling Corporation DESIGNATED AGENT Mike Raber
Address P. O. Box 5261, Vienna, W. Va. Address P.O. Box 5261, Vienna, W. Va. 26105
Vienna, W. Va. 26105 Vienna, W. Va. 26105

GEOLOGICAL TARGET FORMATION: Devonian Shale Depth 5060 - 3300 feet
Perforation Interval _____ feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 21.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA				
START OF TEST-DATE	TIME	END OF TEST-DATE	TIME	DURATION OF TEST
10-20-85	7:00AM	10-21-85	7:00AM	24 hours
TUBING PRESSURE	CASING PRESSURE	SEPARATOR PRESSURE	SEPARATOR TEMPERATURE	
N/A	N/A	N/A	N/A	
OIL PRODUCTION DURING TEST	GAS PRODUCTION DURING TEST	WATER PRODUCTION DURING TEST & SALINITY		
30 bbls.	1,754,000 Mcf	None bbls. ppm.		
OIL GRAVITY	PRODUCING METHOD (Flowing, pumping, gas lift, etc.)			
49 °API	Flowing			

MEASUREMENT METHOD			GAS PRODUCTION	
FLANGE TAP <input type="checkbox"/>	PIPE TAP <input type="checkbox"/>	L-10 <input type="checkbox"/>	POSITIVE CHOKE	<input checked="" type="checkbox"/>
			CRITICAL FLOW PROVER	<input type="checkbox"/>
ORIFICE DIAMETER	PIPE DIAMETER (INSIDE DIAM.)	NOMINAL CHOKE SIZE - IN.		
1/8"	N/A			
DIFFERENTIAL PRESSURE RANGE	MAX. STATIC PRESSURE RANGE	PROVER & ORIFICE DIAM. - IN.		
DIFFERENTIAL	STATIC	GAS GRAVITY (Air=1.0)		
		MEASURED <u>68</u> ESTIMATED _____		
GAS GRAVITY (Air=1.0)	FLOWING TEMPERATURE	GAS TEMPERATURE _____ °F		
.68	60			
24 HOUR COEFFICIENT	24 HOUR COEFFICIENT			
	PRESSURE - _____ psia			

TEST RESULTS				
DAILY OIL	DAILY WATER	DAILY GAS	GAS-OIL RATIO	
30 bbls.	-0- bbls.	1,754 Mcf.	58,470 SCF/STE	

Tower Drilling Corporation
Well Operator
By: Mike Raber
Its: _____

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

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MAY 14 1985
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-7084

Oil or Gas Well _____
(KIND)

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

Drillers' Names _____

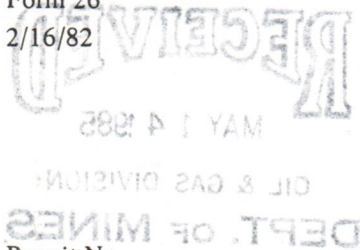
Remarks: *At request of Sonny Haught, Mike Underwood and I made special inspection of above location site and access road. Found location site reclaimed and OK. access road at entrance from county road needs bypass to culvert crossing reclaimed and one diversion ditch placed in access road as it leaves meadow and starts up hill to location. Land owner on access road has complaint of excessive damage could not find excessive damage.*

5-7-85

DATE

Samuel N. H...
422012023
DISTRICT WELL INSPECTOR

2/16/82



**STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT**

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST	

Drillers' Names _____

Remarks: _____

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

12/29/2023
DISTRICT WELL INSPECTOR

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

RECEIVED

MAY 14 1985

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-7084

Oil or Gas Well _____
(KIND)

Company Tower Drilling Corp.

Address _____

Farm Jack Moore

Well No. one-A

District Clay County Ritchie

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

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

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

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

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

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks:

Status Report

Visit site, with Sam Herman on request to look at Reclamation because Sam thinks Reclamation looks good and Jack Moore land owner is still complainen about it, I agree with Sam Reclamation is satisfactory, and land owner will complain for EVER.

5-7-85

DATE

Nick Underwood

12/29/2023
DISTRICT WELL INSPECTOR

2/16/82

MAY 14 1982

OIL & GAS DIVISION

DEPT. OF MINES

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location		Amount	Packer	Location		
CEMENT-THICKNESS	PLUGS USED AND DEPTH PLACED		LEAD	CONSTRUCTION-LOCATION	CASING AND TUBING		
	WOOD-SIZE				RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

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

DATE

DISTRICT WELL INSPECTOR 12/20/2023

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

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JUN 19 1985

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-7084

Oil or Gas Well _____
(KIND)

Company <u>Tower Drilling Corp.</u> Address _____ Farm <u>Jack Moore</u> Well No. <u>One - A</u> District <u>Clay</u> County <u>Ritchie</u> Drilling commenced _____ Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer _____
	16			Size of _____
	13			Depth set _____
	10			Perf. top _____
	8 3/4			Perf. bottom _____
	6 5/8			Perf. top _____
	5 3/16			Perf. bottom _____
	3			
	2			
Liners Used				

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

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: On request of operator check on creek crossing at access road entrance - Found 8" culvert removed from creek and creek banks reclaimed, mulched, seeded and limed

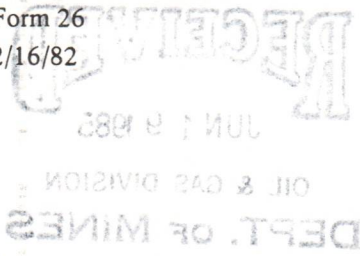
6-11-85

DATE

Samuel N. Henning

DISTRICT WELL INSPECTOR

Form 26
2/16/82



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location		Amount	Packer	Location				
	PLUGS USED AND DEPTH PLACED				BRIDGES		CASING AND TUBING		
	CEMENT-THICKNESS	WOOD-SIZE			LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE

Drillers' Names _____

Remarks:

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

DISTRICT WELL INSPECTOR **12/29/2023**

IV-20
Obverse
1-84

23-Jan-85

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JUL 3 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OFFICE OF OIL AND GAS
CHARLESTON 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

Company: TOWER DRILLING CORP.
Farm: JACK MOORE

Well: ONE-A

Permit No. 47- 85-7084 (7-27-84)
County: RITCHIE

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 Casings	-----	-----
15.02	Adequate Coal Casings	-----	-----
15.01	Adequate Production Casings	-----	-----
15.04	Adequate Cement Strength	-----	-----
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	✓	-----
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 Samuel N. Hersman

DATE 6-28-85

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

T. H. B. B.

Administrator

July 11, 1985

Date

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

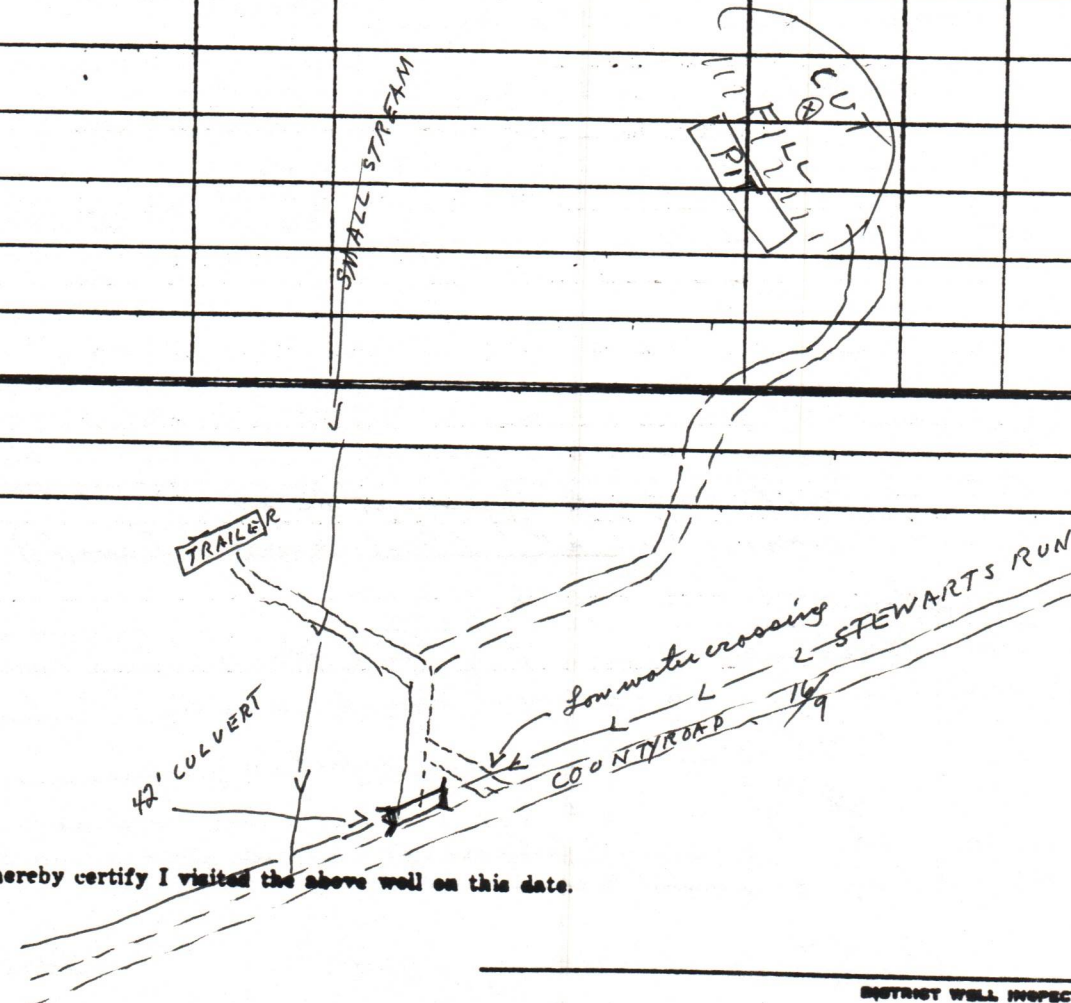
FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location	Amount	Packer	Location
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE

Drillers' Names _____

Remarks: _____



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

DISTRICT WELL INSPECTOR

moving rig on location

12/29/2023

9-14-84
DATE

Samuel M. Hersman
DISTRICT WELL INSPECTOR

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

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SEP 17 1984

INSPECTOR'S WELL REPORT

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

Permit No. 85-7084

Form 26
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST	

Drillers' Names _____

Remarks: _____

12/29/2023

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

DISTRICT WELL INSPECTOR

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SEP 24 1984

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

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

Permit No. 85-7084

Oil or Gas Well _____
(KIND)

Company <u>Lowe Drilling Corp.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Jack Moore</u>	16			Kind of Packer _____
Well No. <u>ONE - A</u>	13			
District <u>Clay</u> County <u>Pitkin</u>	10			Size of _____
Drilling commenced <u>9-14-84</u>	8 1/8 <u>8 5/8</u>	<u>1011</u>	<u>1011</u>	
Drilling completed _____ Total depth _____	6 1/2			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water <u>172'</u> feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT <u>125' to 129'</u> FEET _____ INCHES			
	_____ FEET _____ INCHES FEET _____ INCHES			
	_____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names S. Sams / Raymond Zimmerman / Richard Simons

Rig # General Drilling Tool Pusher John Simons

Remarks: on 9-17-84 ran 1011 foot of 8 5/8" casing
Howco ran 250 sacks slurry 61
1474 foot deep at visit - dusting hole Pit OK.

9-18-84
DATE

Samuel M. Newman
DISTRICT WELL INSPECTOR

12/29/2023

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

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

12/29/2023
DISTRICT WELL INSPECTOR

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

RECEIVED

OCT 10 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 85-7084

Oil or Gas Well _____
(KIND)

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

Drillers' Names _____

Remarks: Visit - at request of operator and inspect reclamation work, culvert now installed in creek crossing - Dirt work done on location, road needs two cross ditches cut to prevent erosion

10-3-84
DATE

Samuel N. Hersman
DISTRICT WELL INSPECTOR
12/29/2023

Form 26
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

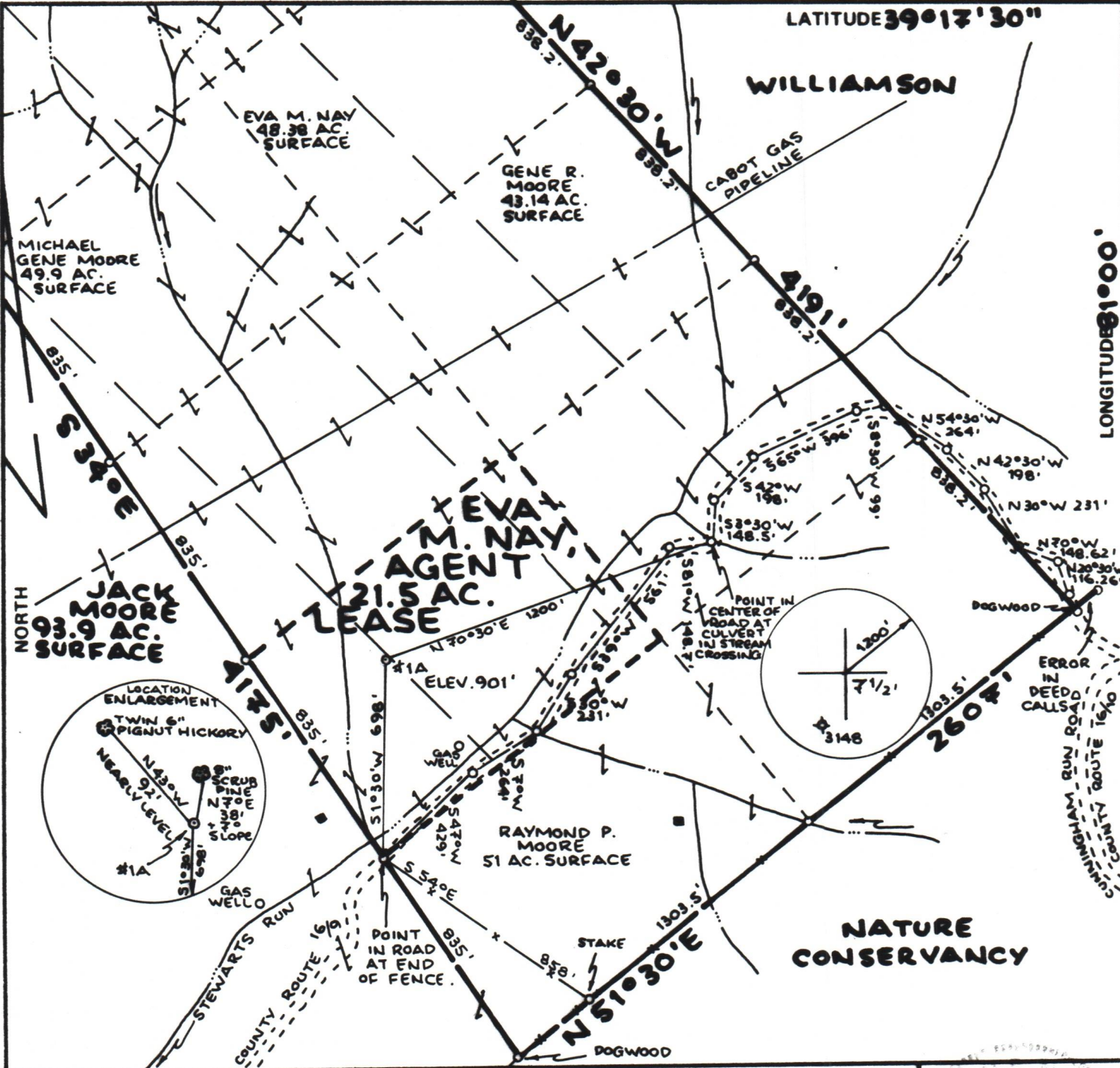
DATE I hereby certify I visited the above well on this date.
12/29/2023
DISTRICT WELL INSPECTOR

7/22/84

LATITUDE 39°17'30"

3960'

LONGITUDE 81°00'



FILE NO. _____
 DRAWING NO. _____
 SCALE **1"=500'**
 MINIMUM DEGREE OF ACCURACY **1:200**
 PROVEN SOURCE OF ELEVATION **ROAD INT. ELEV. 1085'**

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) *William F. Moore*
 R.P.E. _____ L.L.S. **551**

PLACE SEAL HERE

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



DATE **28 JUNE**, 19 **84**
 OPERATOR'S WELL NO. **81A**
 API WELL NO. **47 - 085 - 7084**
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION **901'** WATER SHED **STEWARTS RUN**
 DISTRICT **CLAY** COUNTY **RITCHIE**
 QUADRANGLE **ELENBORO 7 1/2' QUAD.**
 SURFACE OWNER **JACK MOORE** ACREAGE **93.9**
 OIL & GAS ROYALTY OWNER **EVA M. NAY, AGENT** LEASE ACREAGE **21.5**
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ **12/29/2023**
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION **ALEXANDER** ESTIMATED DEPTH **5900'**
 WELL OPERATOR **TOWER DRILLING CORP.** DESIGNATED AGENT **MIKE RABER**
 ADDRESS **P.O. Box 5261** ADDRESS **P.O. Box 5261**
VIENNA, W.VA. 26105 **VIENNA, W.VA. 26105**