



1) Date: February 14, 19 84  
 2) Operator's Well No. Lydick #1A  
 3) API Well No. 47 - 021- 4165  
 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: 922 Watershed: Trace Fork  
 District: DeKalb County: Gilmer Quadrangle: Tanner 7.5'  
 6) WELL OPERATOR Waco Oil & Gas Co., Inc. 7) DESIGNATED AGENT Kenneth Greenlief  
 Address 1297 N. Lewis Street Address 1297 N. Lewis Street  
Glenville, WV 26351 Glenville, WV 26351  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Deo Mace Name I.L. Morris Well Service  
 Address Sandridge, WV 25274 Address 1297 N. Lewis Street  
Glenville, WV 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, Elk  
 12) Estimated depth of completed well, 5100 feet  
 13) Approximate trrata depths: Fresh, 81 feet; salt, n/a feet.  
 14) Approximate coal seam depths: none Is coal being mined in the area? Yes  No

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OIL & GAS DIVISION  
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	ERW	20	X		500'	500'	to surface	NEAT or by rule 15.01 Depths set
Production	4 1/2	J-55	10.5	X			5100'	464 sacks	
Tubing									Perforations:
Liners									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-021-4165

March 27, 1984  
 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 March 27, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <b>BLANKET</b>	Agent: <u>LD</u>	Plat: <u>MU</u>	Casing: <u>MU</u>	Fee: <u>1022</u>
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*[Signature]*  
 Administrator, Office of Oil and Gas

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



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

OFFICE USE ONLY

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

4) WELL: B (L) Gas Production / Underground storage / Shallow / Deep

5) LOCATION: Elevation: 922 / Watershed: / County: / District: / Permit No. 47-021-185

6) WELL OPERATOR: Waco Oil & Gas Co., Inc. / Address: 1227 N. Lewis Street, Clarksburg, WV 26301

7) DESIGNATED AGENT: Kenneth Grodzinski / Address: 1227 N. Lewis Street, Clarksburg, WV 26301

8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: / Address: / Permit No.:

9) DRILLING CONTRACTOR: Name: / Address: / Permit No.:

10) PROPOSED WELL WORK: Drill / Plug off old formation / Other physical change in well (specify):

11) GEOLOGICAL TARGET FORMATION: / Estimated depth of completed well: / Approximate true depths: Fresh / Approximate coal seam depths: / Is coal being mined in the area: /

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DEPT. OF MINES  
OIL & GAS DIVISION

Casing or Tubing Type	Size	Depth	Weight per ft.	Specifications		Foot-candle	Foot-candle	Foot-candle	Cement	Cement
				Weight	Depth					
Production	4 1/2	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
Intermediate	3 1/2	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Coal										
Fresh water										
Conductor										

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: \_\_\_\_\_

Agent	Height	Charge	Fee
SA M4	4	M4	100

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

09/29/2023

1) Date: February 14, 1984  
2) Operator's  
Well No. Lydick #1A  
3) API Well No. 47 -021-4165  
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 Mickey Sue Hanlon  
Address Box 156  
Nobe, WV 26158  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR none  
Address \_\_\_\_\_  
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name none  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name none  
Address \_\_\_\_\_

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

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

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

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

RECEIVED  
FEB 22 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 X  
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  
Kenneth Greenlief,  
this 14 day of February, 1984.  
My commission expires 9/16, 1990.  
M Lynn Chapman  
Notary Public, Gilmer County,  
State of West Virginia

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

09/29/2023

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.

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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>
Richard Lydick	Waco Oil & Gas Co., Inc.	1/8	340-708
Mickey Sue Hanlon	Waco Oil & Gas Co., Inc.	1/8	340-706



IV-9  
(Rev 8-81)

DATE January 27, 1984

WELL NO. 1A - LYPICK

State of West Virginia  
Department of Mines  
Oil and Gas Division

API NO. 47 - 021 - 4165

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Waco Oil & Gas Co., Inc. DESIGNATED AGENT Kenny Greenlief  
Address P.O. Box 4, Glenville, WV 26351 Address P.O. Box 4, Glenville, WV 26351  
Telephone 304-462 - 5347 Telephone 304-462 - 5347  
LANDOWNER Mickey Sue Hanlon SOIL CONS. DISTRICT West Fork  
Revegetation to be carried out by Waco Oil & Gas Co., Inc. (Agent)

This plan has been reviewed by West Fork SCD. All corrections  
and additions become a part of this plan: 2/8/84 (Date)

**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.**

Kenneth E Knight ON SITE REVIEW  
(SCD Agent) 2/7/84

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>Inside road cuts</u>	Material <u>Earthen</u>
Page Ref. Manual <u>2-12</u>	Page Ref. Manual <u>2-12</u>
Structure <u>Cross Drain</u> (B)	Structure <u>Sediment Barrier</u> (2)
Spacing <u>10% - 80' apart 20% - 45' apart as required per grade</u>	Material <u>Logs &amp; Stone</u>
Page Ref. Manual <u>2-1</u>	Page Ref. Manual <u>RECEIVED FEB 22 1984</u>
Structure <u>Road Culvert</u> (C)	Structure <u></u> (3)
Spacing <u>(at natural drains) according to Oil &amp; Gas Manual one 18" min. I.D.</u>	Material <u>OIL &amp; GAS DIVISION</u>
Page Ref. Manual <u>2-7</u>	Page Ref. Manual <u>DEPT. OF MINES</u>

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.

Structure Sediment Barrier (D)  
Material Hay or straw bales  
Pg. Ref. Man. 2-16 REVEGETATION

Treatment Area I & II		<del>Treatment Area I &amp; II</del>	
*Lime	Tons/acre	Lime	Tons/acre
or correct to pH <u>6.5</u>		or correct to pH <u></u>	
Fertilizer <u>600</u> lbs/acre		Fertilizer <u></u> lbs/acre	
(10-20-20 or equivalent)		(10-20-20 or equivalent)	
Mulch <u>Hay</u> 2 Tons/acre		Mulch <u></u> Tons/acre	
Seed* <u>KY-31</u> 40 lbs/acre		Seed* <u></u> lbs/acre	
<u>Red Top</u> 5 lbs/acre		<u></u> lbs/acre	
<u></u> lbs/acre		<u></u> 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 Co.  
ADDRESS 111 South Street  
Glenville, WV 26351  
PHONE NO. (304) 462 - 5634

09/29/2023

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Tanner 7.5'

LEGEND

Well Site 












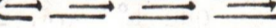
Access Road 



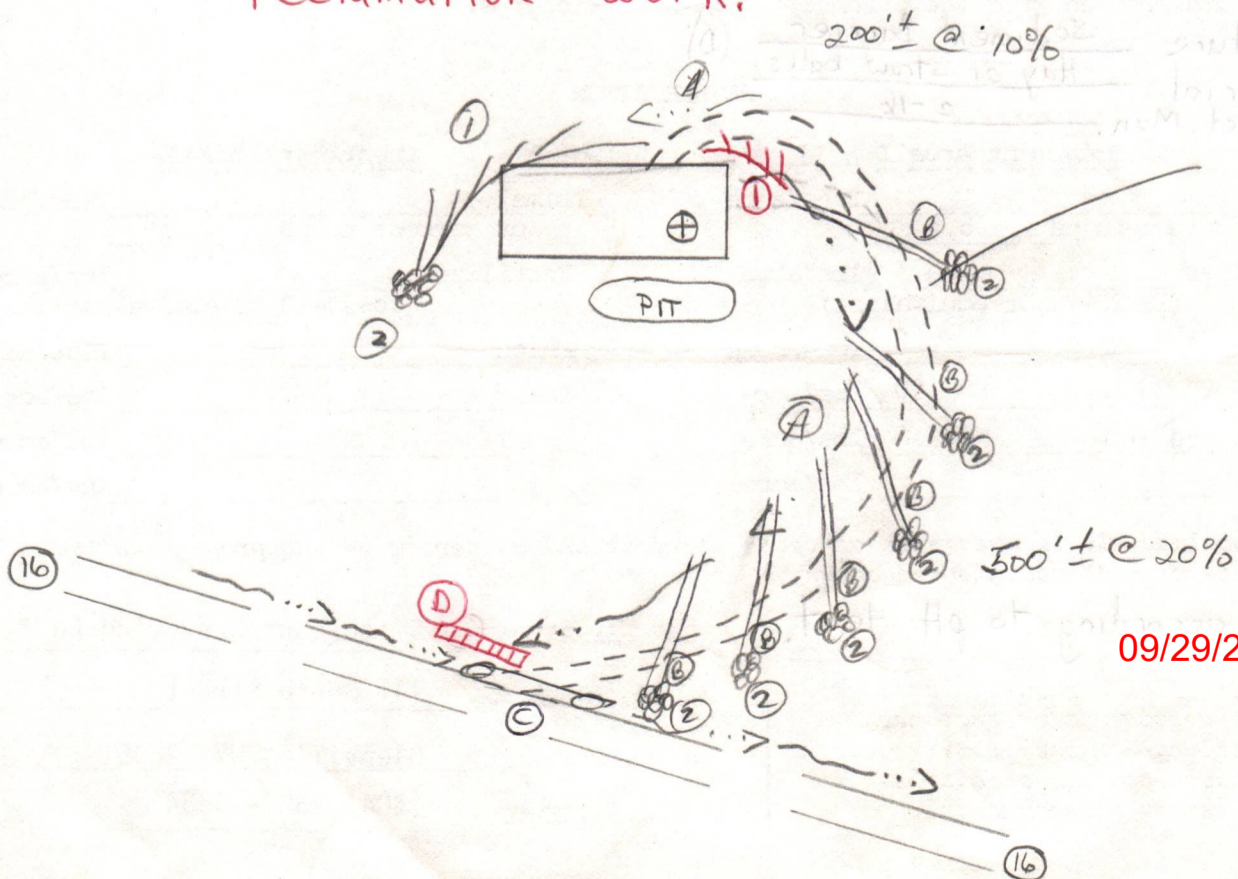
WELL SITE PLAN

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

LEGEND

- |   |  |
|---|--|
| Property boundary  | Diversion   |
| Road               | Spring      |
| Existing fence     | Wet spot    |
| Planned fence      | Building    |
| Stream             | Drain pipe  |
| Open ditch         | Waterway    |

Note: Topsoil will be stockpiled for use in reclamation work.



09/29/2023

UNITED STATES POSTAL SERVICE  
OFFICIAL BUSINESS



PENALTY FOR PRIVATE  
USE, \$300

**SENDER INSTRUCTIONS**

Print your name, address, and ZIP Code in the space below.

- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested"
- adjacent to number.

RETURN  
TO



Waco Oil & Gas Co. Inc.

(Name of Sender)

1299 N. Lewis St.

(Street or P.O. Box)

Meriville WV 26351

(City, State, and ZIP Code)

*Lydick #1A*

**RECEIVED**  
FEB 22 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

PS Form 3811, July 1982

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

**(CONSULT POSTMASTER FOR FEES)**

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

3. **ARTICLE ADDRESSED TO:**  
*Mickey Sue Norton*  
*Box 106*  
*Dale, WV 26158*

4. <b>TYPE OF SERVICE:</b> <input type="checkbox"/> REGISTERED <input type="checkbox"/> INSURED <input checked="" type="checkbox"/> <b>CERTIFIED</b> <input type="checkbox"/> COD <input type="checkbox"/> EXPRESS MAIL	<b>ARTICLE NUMBER</b> <i>953437583 2</i>
--	---

**(Always obtain signature of addressee or agent)**

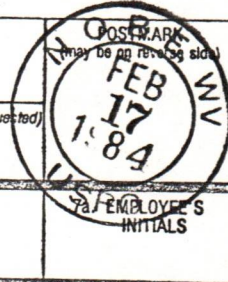
I have received the article described above.

**SIGNATURE**  Addressee     Authorized agent  
*Mickey Sue Norton*

5. **DATE OF DELIVERY**

6. **ADDRESSEE'S ADDRESS** *(Only if requested)*

7. **UNABLE TO DELIVER BECAUSE:**



RETURN RECEIPT



RECEIVED

MAR 27 1985



IV-35 (Rev 8-81)

OIL & GAS DIVISION DEPT. OF MINES State of West Virginia Department of Mines Oil and Gas Division

Date February 1, 1985 Operator's Well No. #1A Farm Lydick API No. 47 - 021 - 4165

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: 922 Watershed Trace Fork District: DeKalb County Gilmer Quadrangle Tanner

COMPANY WACO OIL AND GAS COMPANY, INC. ADDRESS PO Box 397, Glenville, WV 26351 DESIGNATED AGENT Kenneth Greenlief ADDRESS PO Box 397, Glenville, WV 26351 SURFACE OWNER Mary Hanlon ADDRESS Tanner, WV MINERAL RIGHTS OWNER Richard Lydick, etal ADDRESS Glenville, WV 26351 OIL AND GAS INSPECTOR FOR THIS WORK Deo Mace ADDRESS Sandridge, WV PERMIT ISSUED 3/27/84 DRILLING COMMENCED 11/01/84 DRILLING COMPLETED 11/07/84 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8 (766 used, 766 left, to surface), 7', 5 1/2, 4 1/2 (5150 used, 400 sks left), 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Elk Depth 5100 feet Depth of completed well 5462 feet Rotary x / Cable Tools Water strata depth: Fresh 75 feet; Salt 1700 feet Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA Producing formation Shale, Elk, Alexander, Riley Pay zone depth see treatment feet Gas: Initial open flow 50 Mcf/d Oil: Initial open flow 50 Bbl/d Final open flow 275 Mcf/d Oil: Final open flow 24 Bbl/d Time of open flow between initial and final tests 4 hours Static rock pressure 800 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)

617 4165

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

Lower Elk, Fractured Shale (Open hole, 5200' to 5300') - 1,000 MCF N<sub>2</sub>  
 Upper Elk, Alexander (4884 to 5072) - 500 Gal 15% Hcl, 800 MCF N<sub>2</sub>  
 2nd Riley, 3rd Riley (4314 to 4502) - 500 Gal 15% Hcl, 800 MCF N<sub>2</sub>  
 Balltown (3790 to 3800) - 500 Gal 15% Hcl, 800 MCF N<sub>2</sub>

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, Soil			0	5	
Sand, Shale, Red Rock			5	610	Hole Damp @ 75'
Sand, Shale			610	1830	Hole damp @ 1700'
Little Lime			1830	1840	
Shale			1840	1860	
Big Lime			1860	1948	
Big Injun			1948	2004	
Sand, Shale			2004	2820	
Fifth Sand			2820	2830	
Shale			2830	3252	
Speechly Section			3252	3790	
Balltown Section			3790	4324	
Riley Section			4324	4650	
Benson			4650	4670	
Shale			4670	4882	
Alexander			4882	4920	
Shale			4920	5040	
Upper Elk			5040	5080	
Shale			5080	5270	
Lower Elk			5270	5300	
Shale			5300	5462	TD

(Attach separate sheets as necessary)

WACO OIL AND GAS COMPANY, INC.

Well Operator

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

Date: February 1, 1985

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."

**RECEIVED**  
MAR 27 1985

Date: March 25, 1985

Operator's  
Well No. Lydick #1A

API Well No. 47 - 021 - 4165  
State County Permit

OIL & GAS DIVISION  
**DEPT. OF MINES**

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

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

WELL OPERATOR WACO OIL AND GAS CO., INC.  
Address PO Box 397  
Glenville, WV 26351

DESIGNATED AGENT Kenneth Greenlief  
Address PO Box 397  
Glenville, WV 26351

GEOLOGICAL TARGET FORMATION: Elk, Alexander, Riley, Balltown Depth 5460' feet  
Perforation Interval 5300 to 3800 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 3-22-85	TIME 8:00 A.M.	END OF TEST-DATE 3-23-85	TIME 8:00 A.M.	DURATION OF TEST 24 hours
TUBING PRESSURE 110 PSI	CASING PRESSURE 200 PSI	SEPARATOR PRESSURE 110 PSI	SEPARATOR TEMPERATURE 60°	
OIL PRODUCTION DURING TEST 24	GAS PRODUCTION DURING TEST 275	WATER PRODUCTION DURING TEST & SALINITY 0 bbls. ppm.		
OIL GRAVITY unknown	PRODUCING METHOD (Flowing, pumping, gas lift, etc.) Flowing			

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

TEST RESULTS			
DAILY OIL 24 bbls.	DAILY WATER 0 bbls.	DAILY GAS 275 Mcf.	GAS-OIL RATIO 11.4 to 1 SCF/STB

WACO OIL AND GAS COMPANY, INC.  
Well Operator

By: Kenneth Greenlief, Kenneth Greenlief  
Its: Agent

09/29/2023

RECEIVED

MAR 3 7 1885

OIL & GAS DIVISION

DEPT. OF MINES

09/29/2023

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

RECEIVED  
DEPARTMENT OF ENERGY  
OIL AND GAS

Company: WACO OIL & GAS  
Farm: HANLON, NICKEY SUE

Well: LYDICK 1A

Permit No. 47- 21-4165 (3-27-84)  
County: GILMER

JAN 8 1986

Rule	Description	In Compliance	
		Yes	No
23.06	Notification prior to starting work	.....	.....
25.04	Prepped 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	.....	.....
23.07	Requirements for Production & Gathering Pipelines	.....	.....
16.01	Well Records on Site	.....	.....
16.02	Well Records Filed	.....	.....
16.05	Identification Markings	.....	.....

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

SIGNED *D. W. Mace*  
DATE *1-14-86*

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.

*T. L. ...*  
Administrator

January 16, 1986  
Date

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OFFICE OF OIL AND GAS  
CHARLESTON 25302  
FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT

RECEIVED  
DEPARTMENT OF MINES  
OIL AND GAS

Permit No. 47-21-1152  
Inspector: LYDICK IA  
Company: HANLON, WICKY SUE  
Well: MACO OIL & GAS

Rule	Description	In Compliance
		Yes No
23.02	Notification prior to starting work	
22.04	Prepared before drilling to prevent waste	
22.03	High pressure drilling	
18.01	Required permits at wellsite	
12.03	Adequate Fresh Water Casing	
12.02	Adequate Coal Casing	
12.01	Adequate Production Casing	
12.04	Adequate Cement Strength	
12.02	Cement Type	
23.02	Maintained Access Roads	
22.01	Necessary Equipment to Prevent Waste	
23.04	Reclaimed Drilling Pits	
23.02	No Surface or Underground Pollution	
23.02	Requirements for Production & Gathering Pipelines	
18.01	Well Records on Site	
12.02	Well Records Filed	
12.02	Identification Markings	

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

SIGNED: \_\_\_\_\_  
DATE: \_\_\_\_\_

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 covered for the life of the well.

\_\_\_\_\_  
Administrator

\_\_\_\_\_  
Date

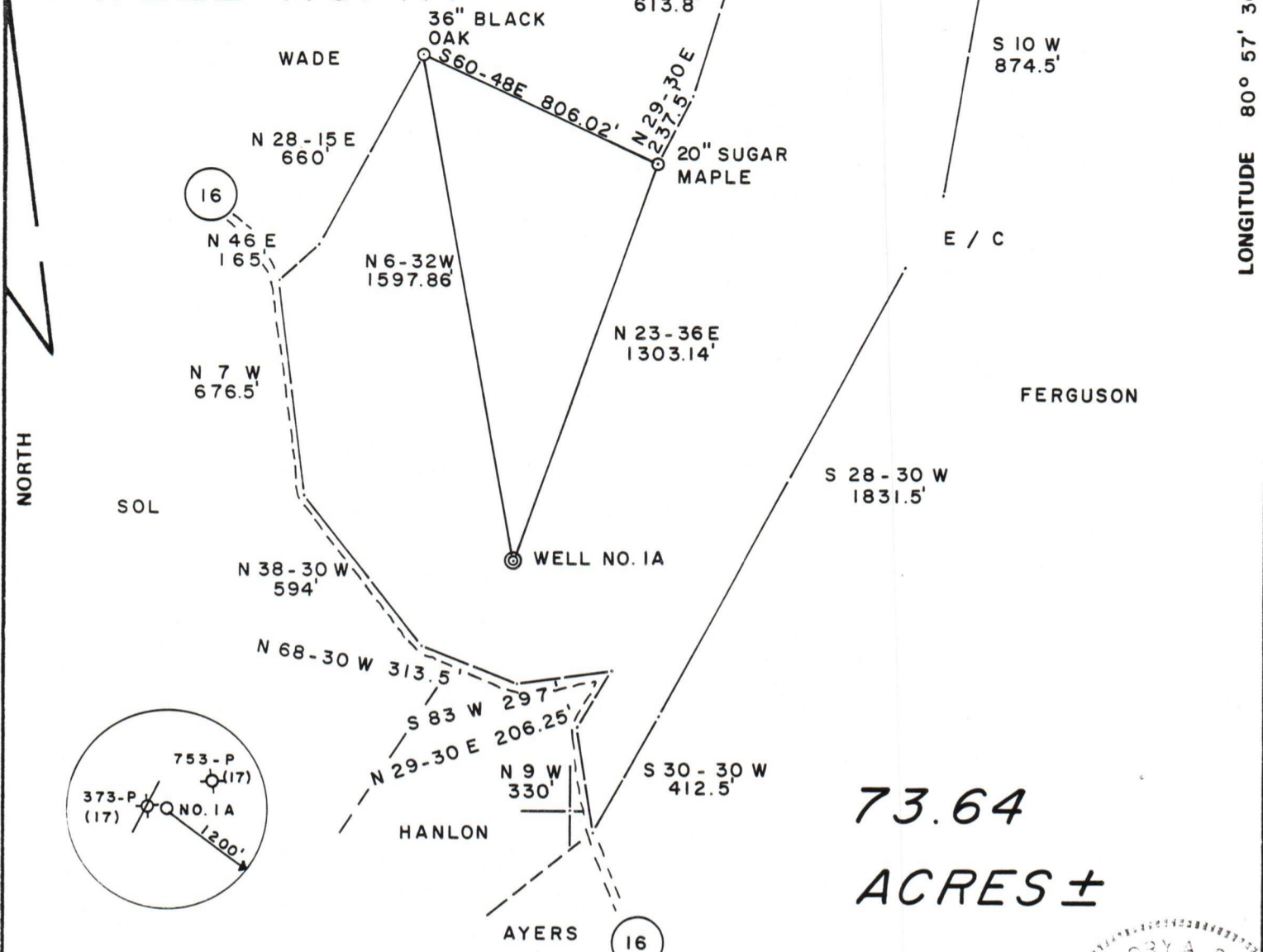
8,560'

LATITUDE 39° 00' 00"

LONGITUDE 80° 57' 30"

# LYDICK LEASE

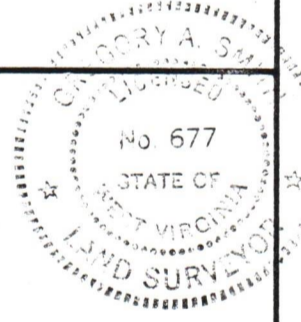
## WELL NO. 1A



# 73.64 ACRES ±

FILE NO. 12-56  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION BM ELEV. 781'

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



PLACE SEAL HERE

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



DATE JAN. 25, 19 84  
 OPERATOR'S WELL NO. IA  
 API WELL NO. 47-021-4165  
 STATE DEKALB COUNTY GILMER 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 922' WATER SHED TRACE FORK OF TANNER CREEK  
 DISTRICT DEKALB COUNTY GILMER  
 QUADRANGLE TANNER 7.5'  
 SURFACE OWNER MICKEY SUE HANLON ACREAGE 73.64  
 OIL & GAS ROYALTY OWNER RICHARD LYDICK, et. al. LEASE ACREAGE 73.64 LEASE NO. 09/29/2023  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION ELK ESTIMATED DEPTH 5100'  
 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