



STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas X /

(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow ___ /

LOCATION: Elevation: 1040" Watershed: Lost Run
District: Clay County: Richie Quadrangle: Ellensboro 7 1/2'

WELL OPERATOR Domestic Oil and Gas Company
Address 20676 Southgate Park Blvd.
Maple Hts., Ohio 44137

DESIGNATED AGENT Dr. Zane Shuck
Address 401 Highview Place
Morgantown, WV 26505

OIL AND GAS ROYALTY OWNER Clifton Valentine, et ux.
Address 4459 Edgerton Rd.
No. Royalton, Ohio 44133
Acreage 38.801

COAL OPERATOR
Address

SURFACE OWNER Orpha Nickols
Address Rte. # 1 - Box 95
Harrisville, W.Va. 26362
Acreage 38-801

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME
Address
NAME
Address

FIELD SALE (IF MADE) TO:
NAME
Address

COAL LESSEE WITH DECLARATION ON RECORD:
NAME
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Deo Mace
Address Sand Ridge, W. Va.
Telephone 304-655-7398

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APR 2 - 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease X / other contract ___ / dated ___, 19___, to the undersigned well operator from Clifton Valentine, Et.ux.

(If said deed, lease, or other contract has been recorded:)

Recorded on ___, 19___, in the office of the Clerk of County Commission of ___ County, West Virginia, in ___ Book at page ___. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill Deeper ___ / Redrill ___ / Fracture or stimulate ___ / Plug off old formation ___ / Perforate new formation ___ / Other physical change in well (specify) ___

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

08/18/2023

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

Domestic Oil and Gas Company
Well Operator

By: Glenn D. Siegler

Its: Treasurer

BLANKET BOND

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLER (IF KNOWN) Gene Stalnaker

Address 220 W. Main Street - P.O. Box 178

Glenville, W. Va. 26351

GEOLOGICAL TARGET FORMATION

Devonian Shale

Estimated depth of completed well 4500' feet. Rotary X / Cable tools / Approximate water strata depths: Fresh, feet; salt, feet. Approximate coal seam depths: Is coal being mined in this area: Yes / No X /

CASING AND TUBING PROGRAM

TUBING TYPE		SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT FILL		PACKERS
Conductor	8 5/8 ERM	23#	X	1200"	Well	Cubic ft.	to surface	
Fresh water	"	"	"	"	"	"	"	Kinds
Coal	"	"	"	"	"	"	"	Sizes
Intermed.	"	"	"	"	"	"	"	Depths set
Production	4 1/2 SMLS	10.5#	X	4500	"	3/5	"	Perforations: Top 250 Bottom 4500
Tubing	"	"	"	"	"	"	"	Liners

NOTE:

Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well. A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR DRILLING. THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 12-5-82

BY [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

WAIVER

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19__

By: _____

Its: _____



IV-9
(Rev 8-81)

DATE 25 FEBRUARY, 1982
WELL NO. NICHOLS #2
API NO. 47 - 085 - 5536

State of West Virginia
Department of Mines
Oil and Gas Division
Construction & Reclamation Plan

COMPANY NAME DOMESTIC OIL & GAS CO. DESIGNATED AGENT DR. ZANE SHUCK
ADDRESS 20676 SOUTHGATE PARK BLVD. ADDRESS 401 HIGHVIEW PLACE
MAPLE HEIGHTS, OHIO 44137 MORGANTOWN, W.VA. 26505
Telephone (216) 662-7300 Telephone 292-7590
LANDOWNER ORPHA NICHOLS SOIL CONS. DISTRICT LITTLE KANAWHA
Revegetation to be carried out by DOMESTIC OIL & GAS CO. (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 3-17-82 (Date)

Jarrett Newlon
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>CULVERT</u> (A)	Structure _____ (1)
Spacing _____	Material _____
Page Ref. Manual <u>1:8</u>	Page Ref. Manual _____
Structure _____ (B)	Structure _____ (2)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

see comment

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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

REVEGETATION

Treatment Area I

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch HAY 2 Tons/acre

Seed* KY31 FESCUE 35 lbs/acre
REDTOP 5 lbs/acre
_____ lbs/acre
_____ lbs/acre

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch HAY 2 Tons/acre

Seed* KY31 FESCUE 35 lbs/acre
REDTOP 5 lbs/acre
_____ lbs/acre
_____ lbs/acre

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

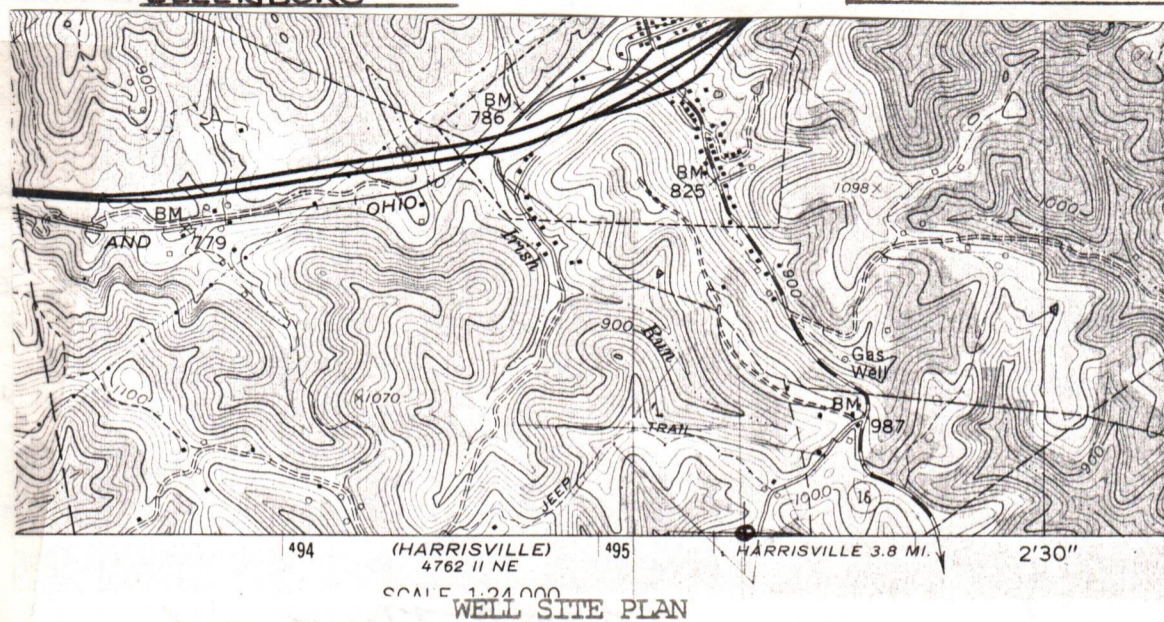
08/18/2023

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

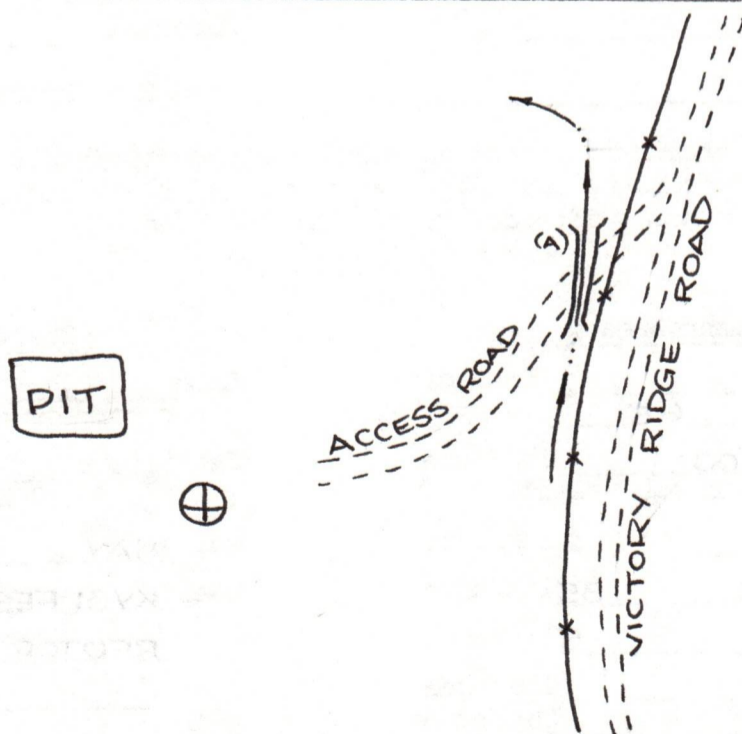
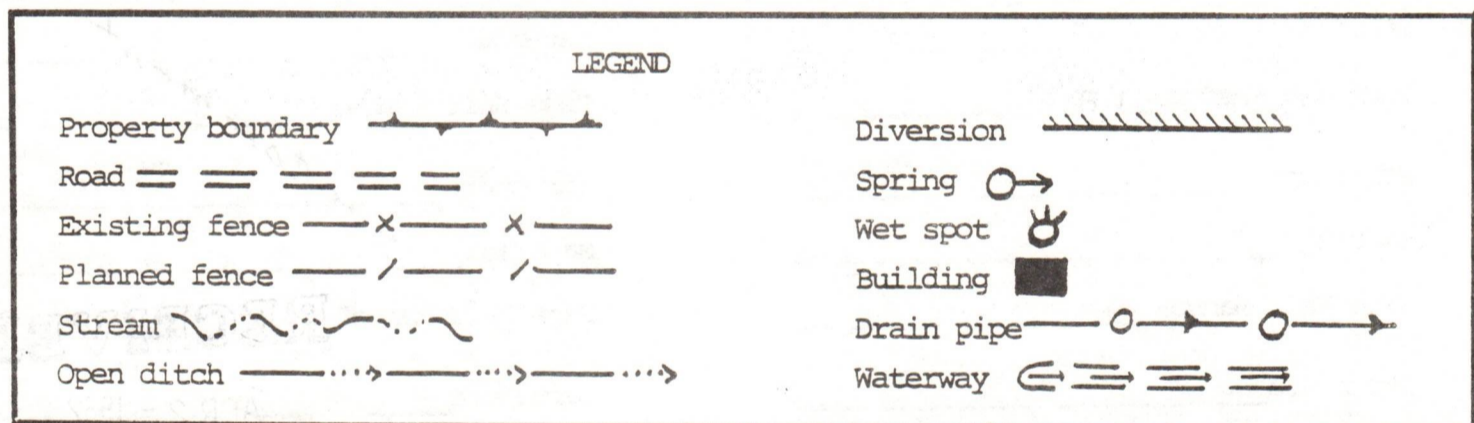
PLAN PREPARED BY WILLIAM R. MOSSOR, L.L.S.
ADDRESS 112 NORTH SPRING STREET
HARRISVILLE, W.VA. 26362
PHONE NO. (304) 643-4572

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE ELLENBORO

LEGEND
WELL SITE ⊕ ACCESS ROAD—



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.



- Comments:
1. AVERAGE SLOPE OF ACCESS ROAD 0% 08/18/2023
 2. LENGTH OF ACCESS ROAD 250'
 3. LOCATION LOCATED IN FIELD.
 4. LOCATION LOCATED ON RIDGE.
 5. THE TREE WILL BE STACKED AT THE SITE.

(REVERSE)

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

Perforated 3570' - 3580' w/2" x 144' stressfrac
Fractured w/ 1 million cubic feet of N₂ and 4725 gallons foam/chemicals.

Pressures: Breakdown - 2100 PSI

Maximum - 3500 PSI

Shut-in - 2900 PSI

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fres and salt water, coal, oil and ga
Clay, sand, shale			0	1295	
Sand			1295	1352	
Shale			1352	1364	
Sand			1364	1420	
Shale			1420	1544	
Sand			1544	1572	
Shale			1572	1580	
Sand			1580	1584	
Shale			1584	1612	
Sand			1612	1622	
Shale			1622	1726	
Sand			1726	1762	
Shale			1762	1900	
Big Lime			1900	1970	
Big Injun			1970	2106	
Squaw			2106	2130	
Shale			2130	2230	
Sandy shale			2230	2278	
Shale			2278	2384	
Sandy shale			2384	2396	
Shale			2396	2412	
Sandy shale			2412	2470	
Shale			2470	2510	
Siltstone			2510	2526	
Shale			2526	2608	
Siltstone			2608	2620	
Shale			2620	2628	
Siltstone			2628	2644	
Shale			2644	2902	
Sandy shale			2902	2920	
Shale			2920	4316 T.D.	

(Attach separate sheets as necessary)

Domestic Oil and Gas Co.

Well Operator

08/18/2023

By:

Date: December 9, 1982

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-35
(Rev 8-81)

State of West Virginia
Department of Mines
Oil and Gas Division

Date December 9, 1982
Operator's Well No. Nichols No. 2
Farm Orhpa Nichols
API No. 47-085 -5536

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: 1040 Watershed Lost Run
District: Clay County Ritchie Quadrangle Ellenboro

COMPANY Domestic Oil & Gas Company
20676 Southgate Park Blvd
ADDRESS Maple Heights, OH 44137
DESIGNATED AGENT Randall Matheny
ADDRESS 2212 - 36th St. Parkersburg, W. Va.
SURFACE OWNER Orpha Nichols 26104
ADDRESS Route 1, Box 95
Harrisville, WV 26362
MINERAL RIGHTS OWNER Clifton Valentine et al
ADDRESS 4459 Edgerton Road
N. Royalton, OH 44133
OIL AND GAS INSPECTOR FOR THIS WORK Deo Mace
ADDRESS Sand Ridge, WV

PERMIT ISSUED April 2, 1982
DRILLING COMMENCED 5-11-82
DRILLING COMPLETED 5-22-82

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	1225	1148	200 sacks (to surface)
7			
5 1/2			
4 1/2	4316	4284	375 sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 4316 feet
Depth of completed well 4284 feet Rotary X / Cable Tools
Water strata depth: Fresh -- feet; Salt -- feet
Coal seam depths: N/A Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 3778-88 feet
Gas: Initial open flow 280 Mcf/d Oil: Initial open flow 10 Bbl/d
Final open flow - Mcf/d Final open flow - Bbl/d

Time of open flow between initial and final tests - hours
Static rock pressure 310 psig (surface measurement) after 4 hours shut in
(If applicable due to multiple completion--)

08/18/2023

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)

Ritchie 5536

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

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MAY 18 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5536

Oil or Gas Well _____
(KIND)

Company Domestic Oil & Gas

Address _____

Farm Nicholas

Well No. 2

District CLAY County Rit

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 1/4			
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 8 5/8 SIZE 1148 No. FT. _____ Date 5-8-82

NAME OF SERVICE COMPANY Haliburton

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Stalnaker #5

Remarks: _____

5-10-82
DATE

W. Mace 08/18/2023
DISTRICT WELL INSPECTOR

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OCT 10 1984

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 085-5536

County Ritchie

Company Domestic Oil & Gas Company

District Clay

Inspector SAMUEL N. HERSMAN

Farm Orpha Nichols

Date December 5, 1983

Well No. 2 Issued 4-5-82

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 strength	—	—
23.02	Maintained access roads	✓	—
25.01	Necessary equipment to prevent waste	—	—
23.03	Reclaimed drilling site	✓	—
23.04	Reclaimed drilling pits	✓	—
23.05	No surface or underground pollution	✓	—
7.05	Identification markings	✓	—

COMMENTS: _____

I have inspected the above well and have found it to be in compliance with the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia, and the well can be released from the permitted work.

SIGNED: Samuel N. Hersman
 DATE: 10-3-84 08/18/2023



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

January 2, 1984

Domestic Oil & Gas Co.,
20676 Southgate Park Boulevard
Maple Heights, Ohio 44137

In Re: PERMIT NO: 47-085-5536
FARM: Orpha Nichols
WELL NO: 2
DISTRICT: Clay
COUNTY: Ritchie
ISSUED: 4-5-82

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. Only the column checked below applies:

The well designated by the above permit number has been released under your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

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

Very truly yours,

Theodore M. Streit, Administrator
Office of Oil & Gas - Dept. Mines

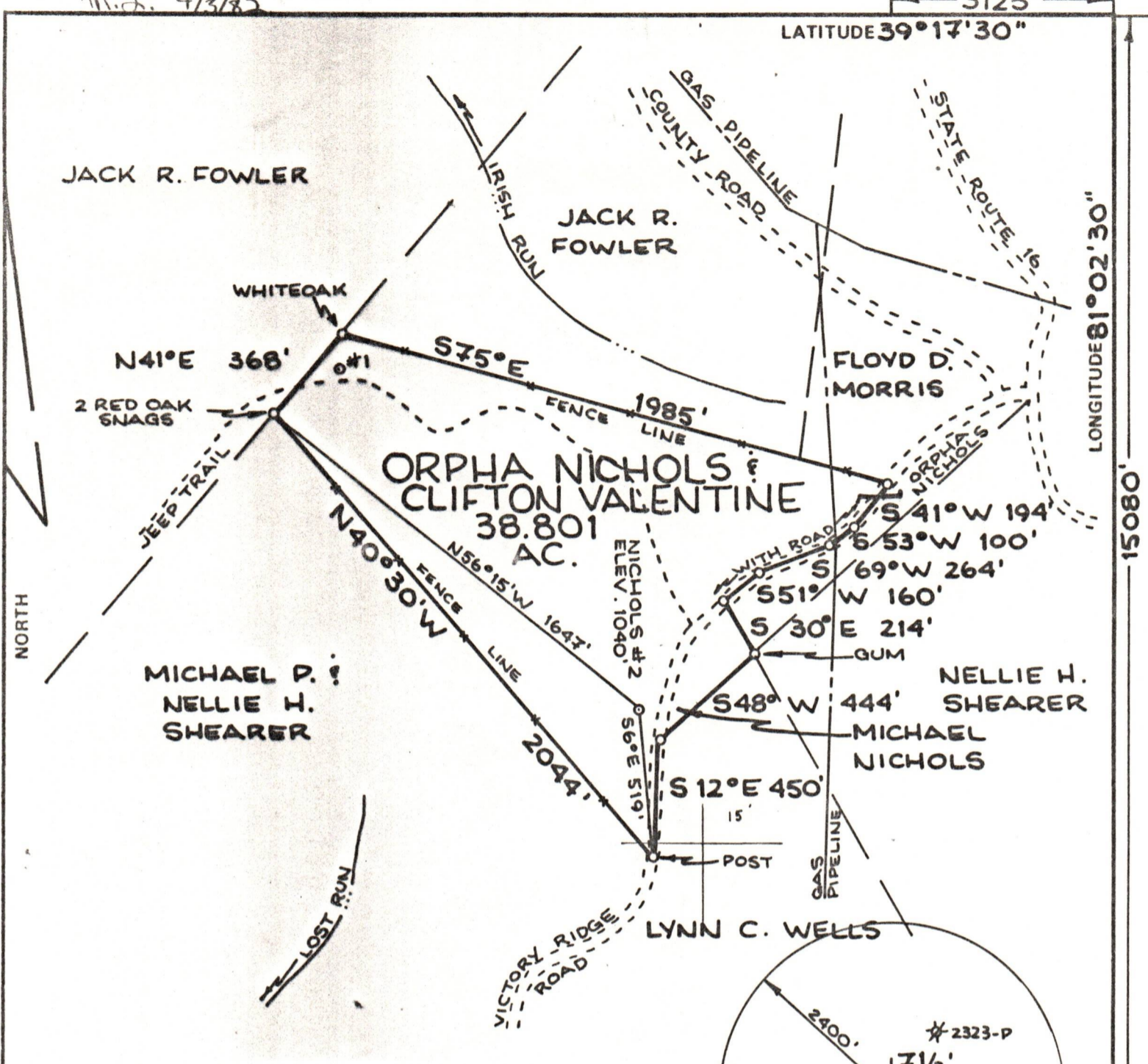
M.S. 4/3/82

3125'

LATITUDE 39°17'30"

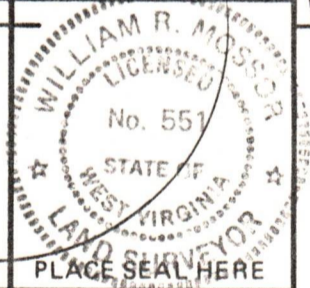
LONGITUDE 81°02'30"

15080'



FILE NO. _____
 DRAWING NO. _____
 SCALE **1"=500'**
 MINIMUM DEGREE OF ACCURACY **1:200**
 PROVEN SOURCE OF ELEVATION **RD. INT. ELEV. 981'**

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 R. Moss*
 R.P.E. _____ L.L.S. **551**



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



DATE **25 FEBRUARY**, 19 **82**
 OPERATOR'S WELL NO. **NICHOLS #2**
 API WELL NO. _____
47 - 085 - 5536
 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 **1040'** WATER SHED **LOST RUN**
 DISTRICT **CLAY** COUNTY **RITCHIE**
 QUADRANGLE **ELLENBORO 7 1/2' QUAD.**

SURFACE OWNER **ORPHA NICHOLS** ACREAGE **38.801**
 OIL & GAS ROYALTY OWNER **ORPHA NICHOLS & CLIFTON VALENTINE** LEASE ACREAGE **38.801**

08/18/2023

PROPOSED WORK: DRILL 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 **DEVONIAN SHALE** ESTIMATED DEPTH **5900'**
 WELL OPERATOR **DOMESTIC OIL & GAS** DESIGNATED AGENT **DR. ZANE SHUCK**
 ADDRESS **20676 SOUTHGATE PARK BLVD.** ADDRESS **401 HIGHVIEW PLACE**
MAPLE HEIGHTS, OHIO 44137 **MORGANTOWN, W.VA. 26505**