

OIL AND GAS DIVISION
DEPARTMENT OF MINES
OCT 26 1982



1) Date: October 24, 19 82
 2) Operator's Well No. Francis # 1
 3) API Well No. 47 State 085 County 971 Permit

DRILLING CONTRACTOR:

S&B Drilling

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

Cambridge, Ohio

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1092' Watershed: Layfield Run
 District: Grant County: Richie Quadrangle: Shultz 7 1/2
- 6) WELL OPERATOR Ohio & Western Resources, Inc. 11) DESIGNATED AGENT Mark Kniffin
 Address P.O. Box 1246 Address 24 Crystal Ave.
Parkersburg, WV 26102 Williamstown, WV 26187
- 7) OIL & GAS ROYALTY OWNER Gilbert Francis/C.W.Francis Hrs 1/2 12) COAL OPERATOR N/A
 Address Rt. #1 Address _____
Cairo, WV 26337
- 8) SURFACE OWNER Gilbert Francis 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Same as Above Name _____
 Address _____
 Name OCT 26 1982
 Address _____
- 9) FIELD SALE (IF MADE) TO:
 Address N/A
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Samuel Hersman
 Address P.O. Box 66
Smithville, WV
- 15) PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Squaw Sand
- 17) Estimated depth of completed well, 2200 feet
- 18) Approximate water strata depths: Fresh, 300 feet; salt, 1792 feet.
- 19) Approximate coal seam depths: Unknown Is coal being mined in the area? Yes / No /

20) 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	13 3/8	API	36#	X		50'	50'	Surface	Kinds	
Fresh water	8 5/8	J-55	23#	X		450'	450'	Surface		
Coal									Sizes	
Intermediate										
Production	2200	J-55	10.5#	X		2200	2200	Surface	Depths set	
Tubing										
Liners									Perforations:	
									Top	Bottom

- 21) 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.)
- 22) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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.

23) Required Copies (See reverse side.)

24) 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 lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: Dick Thomas
 My Commission Expires 4-14-88

Signed: Mark Kniffin
 Its: President

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-085-5971

Date 10-27 19 82
04/05/2024

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. 10) 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.)

Permit expires XXX 6-27-83 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>T.S</u>	Plat: <u>T.S</u>	Casing: <u>T.S</u>	Fee: <u>201</u>
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[Signature]
 Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—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.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) 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.
- 24) **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 the receipt of this Application by the Department.**

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.

TIM WAIVER

04/05/2024

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.

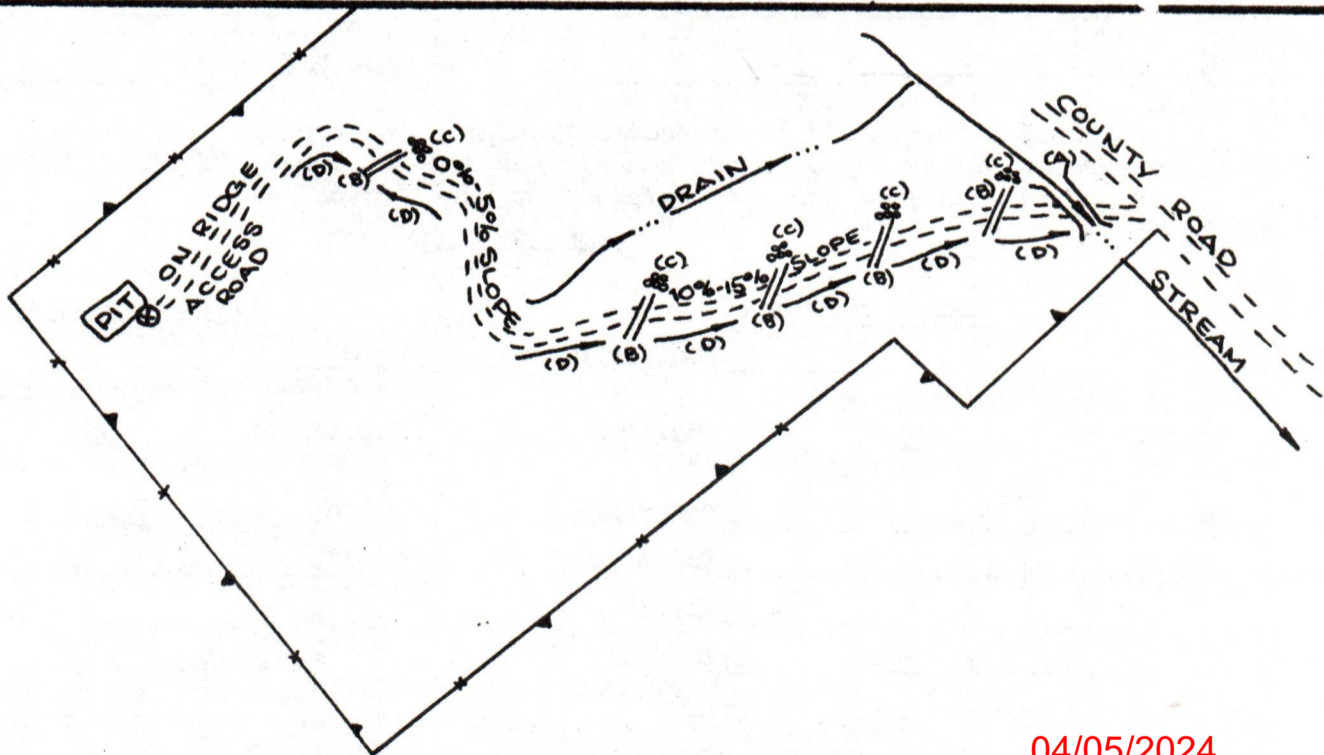
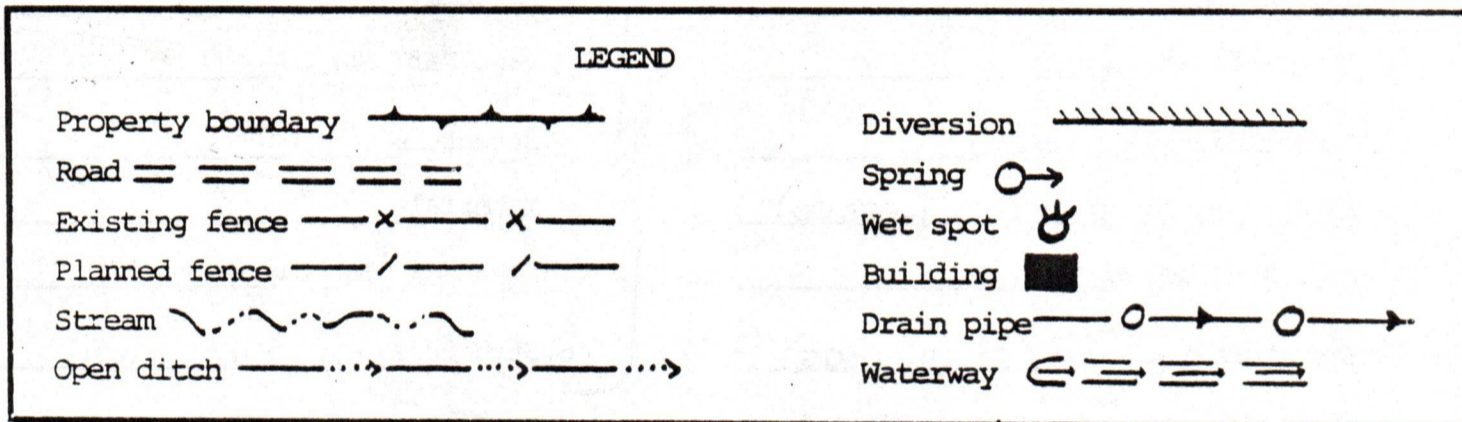
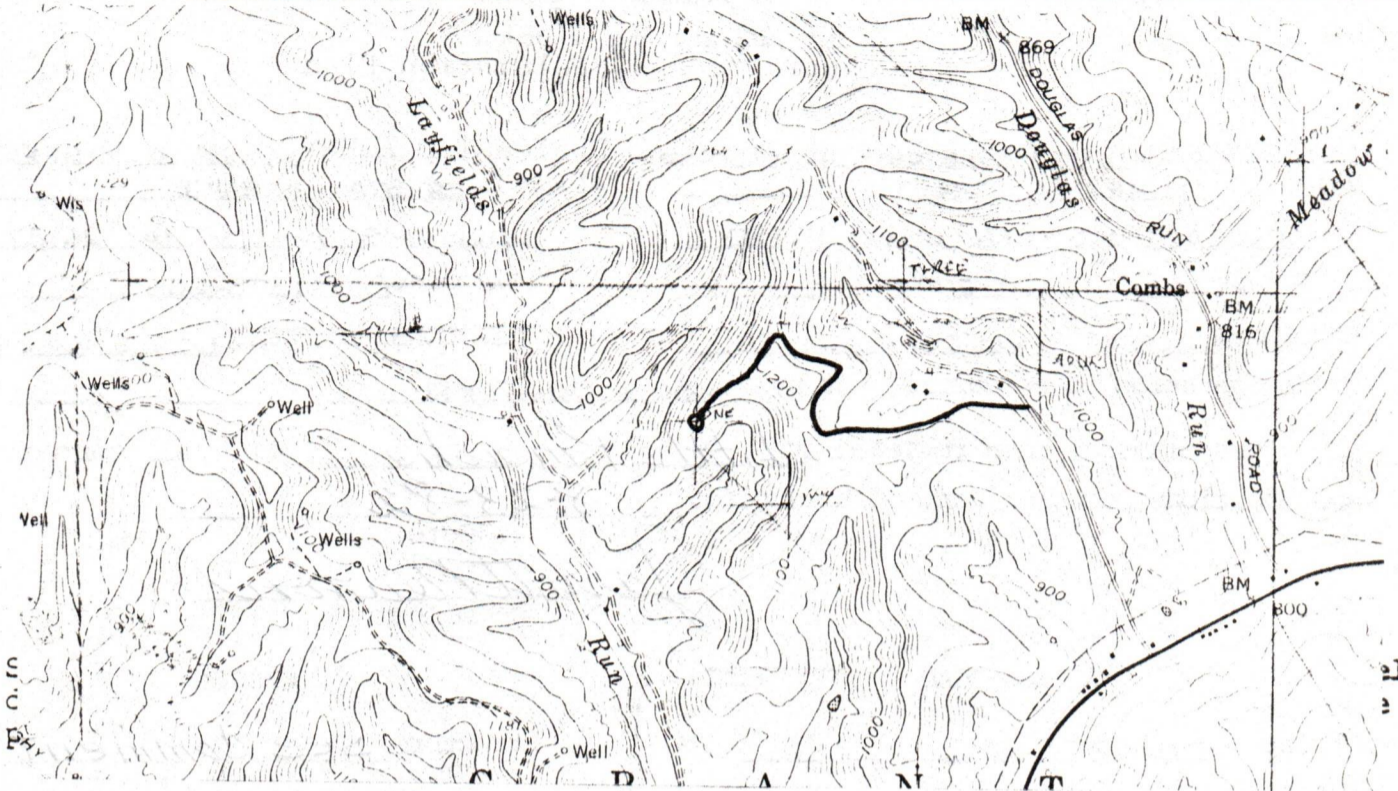
Date: _____, 19 _____

By: _____

Its _____

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE SCHULTZ

LEGEND
WELL SITE ⊕ ACCESS ROAD —



04/05/2024

- Comments:
1. LENGTH OF ACCESS ROAD 5000'.
 2. NO CUT OR FILL NEEDED.
 3. BRUSH AND TREES TO BE PILED AT SITE.
 4. LOCATION LOCATED ON RIDGE.
 5. _____

IV-9
(Rev 8-81)

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES



DATE 21 JULY, 1982
WELL NO. ONE
API NO. 47 - 085 - 5971

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

COMPANY NAME OHIO & WESTERN RESOURCES
ADDRESS 113 KEYSER STREET
DEVOLA, MARIETTA, OHIO 45750
Telephone (614) 374-2975

DESIGNATED AGENT MARK A. KNIFFEN
ADDRESS CRYSTAL AVENUE
WILLIAMSTOWN, W.VA. 26187
Telephone (304) 375-6045

LANDOWNER GILBERT FRANCIS
SOIL CONS. DISTRICT LITTLE KANAWHA
Revegetation to be carried out by MARK A. KNIFFEN (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 8-23-82

Jarrett Newton
(Date)
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>CULVERT</u> (A)	Structure <u>see comment</u> (1)
Spacing <u>24"</u>	Material _____
Page Ref. Manual <u>2:7</u>	Page Ref. Manual _____
Structure <u>CROSS DRAIN</u> (B)	Structure _____ (2)
Spacing <u>45' TO 400' (AS NEEDED)</u>	Material _____
Page Ref. Manual <u>2:1</u>	Page Ref. Manual <u>OIL & GAS DIVISION</u>
Structure <u>RIP-RAP (STONE-LOGS)</u> (C)	Structure <u>DRAINAGE DITCH</u> (3)
Spacing <u>SAME AS CROSS DRAIN</u>	Material _____
Page Ref. Manual <u>N/A 2-9</u>	Page Ref. Manual <u>2:12</u>

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DEPT. 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

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* KY31 TALL FESCUE 40 lbs/acre
REDTOP 5 lbs/acre
BIRDSEED TREFOIL 10 lbs/acre
_____ 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* KY31 TALL FESCUE 40 lbs/acre
REDTOP 5 lbs/acre
BIRDSEED TREFOIL 10 lbs/acre
_____ lbs/acre

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

04/05/2024

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

ADDRESS 106 NORTH SPRING STREET

HARRISVILLE, W.VA. 26362

PHONE NO. (304) 643-4572

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

47-085-5971

out for recording
a-10
DO NOT REMOVE

ASSIGNMENT OF OIL AND GAS LEASE

In consideration of One dollar and other valuable consideration, C & N REALTY COMPANY, a partnership, P.O. Box 7484, Montgomery, Alabama, 36107, hereinafter referred to as the "Assignor", does hereby sell, assign, transfer and set over to OHIO & WESTERN RESOURCES, INC., P.O. Box 1246, Parkersburg, W.V. 26101, hereinafter called the "Assignee", the following described oil and gas leases including all the leasehold and other rights, titles and interest that Assignor has in and to the leased property by virtue of the leases, which leases are located in Grant District, Ritchie County, West Virginia:

1. Lease dated August 19, 1961, of record in the Office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book No. 107, Page 307, from Burl L. Hoff and Sarah Hoff, husband and wife, to Parker Petroleum Company, bounded as follows:

NORTH: Guy A. Scott,
EAST: Timber Products,
SOUTH: Timber Products & Shirley Rinehart,
WEST: Shirley Rinehart,
Containing 95 acres, more or less.

2. Lease dated May 16, 1961, of record in the Office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book No. 93, Page 597, from W.N. Cantwell to R.N. Burgess, bounded as follows:

NORTH: Wilbur Francis,
EAST: Bernam Heirs,
SOUTH: Corbin Heirs,
WEST: Guy Scott,
Containing 71 acres, more or less.

3. Lease dated June 9, 1969, and of record in the Office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book 112, Page 553, from Gilbert Francis and Mary Francis, his wife, to W. & J. Oil & Gas Producers, bounded as follows:

NORTH: French Heirs,
SOUTH: Templeton Heirs,
EAST: W.N. Cantwell,
WEST: Orval Inghram, et al.,
Containing 144 acres, more or less.

1. Prior Reservations, Terms and Conditions. This Assignment is subject to all the reservations, terms and conditions contained in the original lease hereby assigned, and subsequent assignments, including, but not limited to, the following:

a. The 1/64 overriding royalty interest reserved by Harry Jones, the 1/64 overriding royalty interest reserved by Sadie I. Warner and the requirement to cement any wells that are drilled on said premises above the Big Line, which reservations and requirement are

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

04/05/2024

set forth in an assignment to Earl J. Grissom recorded in Lease Book 139, Page 39 in the Office of the Clerk of the County Commission of Ritchie County, West Virginia.

b. The six percent overriding royalty interest reserved by Earl J. Grissom in his assignment of this lease to the Assignor.

2. Reservation of Overriding Royalty. Assignor expressly reserves to itself and its successors and assigns a free overriding royalty equal to 3.375% of 8/8 interest in all the oil and gas, including casinghead gas and casinghead gasoline, condensate and all related hydrocarbons and all products produced therewith.

3. Reservation of Carried Working Interest. Assignor expressly reserved to itself and its successors and assigns a carried working interest equal to 4% of the working interest in all the oil and gas, including casinghead gas and casinghead gasoline, condensate and all related hydrocarbons and all products produced therewith. As used in this Assignment, "carried working interest" means the Assignee shall at his expense drill, artificially stimulate (if necessary), equip and complete the wells without cost to, or contribution from, the Assignor. Assignor shall be responsible for only taxes levied against its share of production, and its prorated share of production, re-working and marketing expenses. Assignee shall be the owner of the equipment, including all pipe, motors, pumps, tanks and accessories. At its election, Assignor shall have the right to sell its part of the hydrocarbon production.

4. Extension and Renewal. The overriding royalty and carried working interest reservations shall apply to all modifications, renewals of lease or extensions that the Assignee may secure. The overriding royalties herein reserved shall be delivered whether the same are produced under and by virtue of the above described lease, or under and by virtue of any extension or renewal or under and by virtue of any other lease or contract whatsoever whether heretofore or hereafter made by and between the Assignee herein and the owners of the land. Assignee shall have the right to obtain from the owner of the land covered by the above described lease such agreements of modifications or time extensions as Assignee may elect, provided, however, that no such agreements or modifications or time extensions shall reduce the amount of the overriding royalty and carried working interests reserved and retained by Assignor hereunder.

5. Express and Implied Covenants. Assignor shall have the same but no greater right to require Assignee to develop and operate the leased premises in accordance with the terms, including express and implied covenants, of the original lease as the original lessors therein, might have or exercise.

6. Indemnification. Assignee agrees to fully exonerate, indemnify and save harmless the Assignor from and against all claims or actions, and all expenses incidental to the defense of any such claims or actions, based upon or arising out of damage or injury (including death) to persons or property caused by or sustained in connection with the use, occupation or operation of the leased premises, and among other things, if requested by the Assignor, to assume, without expense to the Assignor, the defense of any such claims or actions.

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WV DEPARTMENT OF MINES

04/05/2024

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7. Limited Warranty. This Assignment is made without warranty of title, either expressed or implied, except that Assignor warrants that the interest in the lease hereby conveyed is free and clear of liens, encumbrances and claims made, incurred or arising by or through Assignor.

8. Payment. Royalty and carried working interest payments due to the Assignor shall be made on a monthly basis within twenty (20) days following the end of each calendar month. The payments shall be made to the assignor or any other person designated by the Assignor. Assignor shall have the right to request the purchaser of the hydrocarbons to make payments directly to the Assignor, and Assignee agrees to cooperate with the Assignor in making such request.

9. Drilling Program. Assignee will drill and complete four wells on or before October 25, 1982, with at least one well being on each of the above described three leases. Furthermore, Assignee shall drill and complete one additional well every 100 days after October 25, 1982, until five additional wells have been drilled and completed on the above described leases. Upon the failure of the Assignee to comply with this drilling program, this Assignment shall terminate except as to wells previously drilled and completed. For previously drilled and completed wells, the assignment shall remain in effect only as to twenty acres, in the form of a circle with the well in the center thereof, surrounding each well. Time for drilling and completing each of the nine wells shall be of the essence of this Assignment.

10. Parties Bound. All the terms, conditions, limitations, covenants and agreements between the parties hereto shall extend to and be binding upon their respective heirs, executors, administrators, successors and assigns.

In Witness Whereof, C & N Realty Company, by its duly authorized general partner, has executed this instrument this ~~11th~~ day of August, 1982.

Signed and acknowledged
in the presence of:

C & N REALTY COMPANY

Charles Patterson
James R. Addison

By: Andrew C. Nolin, Jr.
Andrew C. Nolin, Jr.
General Partner

STATE OF OHIO, COUNTY OF WASHINGTON, SS.

The foregoing instrument was acknowledged before me this 11th day of August, 1982, by Andrew C. Nolin, Jr., general partner, on behalf of C & N Realty Company, a partnership.

JAMES R. ADDISON, JR.
Attorney at Law
Notary Public - State of Ohio
My commission has no expiration
Date Sec. 147.03 R.C.

James R. Addison
Notary Public

This instrument prepared by James R. Addison Co., L.P.A., 200 St. Clair Building, Marietta, Ohio 45750

04/05/2024

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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

PERFORATIONS: 1972-75 6 Shots: 1999 - 2005 12 Shots: 2010 - 2014
8 Shots: 26 x .49" holes

FRAC'D W/27,000#s Sand & 610 Barrels Slick water, 500 gallons 15% HCL
Broke @ 3000 Psi : Max PSI 3100: Ave. PSI 2600: ISIP 2400/
10 Min 1760

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand			0	100	
Sandstone			100	200	
Shale			200	290	
SLT			290	380	
Shale			380	440	
Sandstone			440	470	
SLT			470	980	
SS			980	1220	
SLT & SS & Shale			1220	1730	
Sand			1950	2000	
BIG INJUN			2000	2020	
SLT			2020	TD	

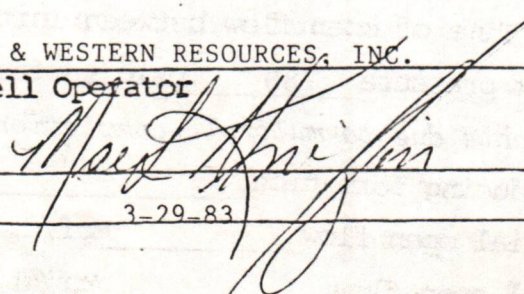
(Attach separate sheets as necessary)

OHIO & WESTERN RESOURCES, INC.

Well Operator

04/05/2024

By:



(Mark Kniffin)

Date:

3-29-83

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

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date 12-10-82
Operator's
Well No. #1
Farm Francis
API No. 47 - 085 - 5971

IV-35
(Rev 8-81)

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

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

LOCATION: Elevation: 1092' Watershed Goose Creek
District: Grant County Ritchie Quadrangle Schultz 7 1/2

COMPANY Ohio & Western Resources, Inc.
ADDRESS P.O. Box 1246, Parkersburg, WV 26102
DESIGNATED AGENT Mark Kniffin
ADDRESS 24 Crystal Ave. Williamstown, WV 26187
SURFACE OWNER Gilbert Francis
ADDRESS Rt #1 Cairo, WV 26337
MINERAL RIGHTS OWNER G. Francis/CW Adams Hrs.
ADDRESS Rt #1 Cairo, WV 26337
OIL AND GAS INSPECTOR FOR THIS WORK Samuel Hersman
ADDRESS P.O. Box 66, Smithville, WV

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	45	45	Grout
9 5/8			
8 5/8	1290	1290	Surface
7			
5 1/2			
4 1/2	2057	2057	Back to Surface Pipe
3			
2			
Liners used			

PERMIT ISSUED October 1982
DRILLING COMMENCED 10-27-82
DRILLING COMPLETED 10-31-82

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

GEOLOGICAL TARGET FORMATION Big Injun Depth 2200 feet
Depth of completed well 2057 feet Rotary / Cable Tools _____
Water strata depth: Fresh 300 feet; Salt 1600 feet
Coal seam depths: N/A Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Big Injun Pay zone depth 2000-2014 feet
Gas: Initial open flow 200 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 158 Mcf/d Oil: Final open flow 0 Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure 780 psig (surface measurement) after 12 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

04/05/2024

RITCHIE 5971

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

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WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5971

Oil or Gas Well _____
(KIND)

Company <u>Ohio + Western Resources</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Gilbert Francis</u>	16			Kind of Packer _____
Well No. <u>Francis #1</u>	13			
District <u>Grant</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>10-28-82</u>	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 Robert Lute - Mark Hursey - Harry Slewin

Remarks: S + B Drilling Rig #1 tool Pusher Jeff Sanger

Moved on location - rigged up - drilling
Pit OK.

10-28-82
DATE

Samuel N. Heroman 04/05/2024
DISTRICT WELL INSPECTOR

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

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5971

Oil or Gas Well _____
(KIND)

Company Ohio + Western Resources
 Address _____
 Farm Hilbert Francis
 Well No. Francis #1
 District Grant County Pitchie
 Drilling commenced 10-28-82
 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
 Salt water _____ 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 _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Robert Lute / Mark Hursey / Harry Slevin

Remarks: S+B Drilling Rig #1 tool Pusher Jeff Langer

*Ran 1312 foot of 8 5/8 casing
 B. J. Hughes ran 140 sacks 50-50 PDS
 150 sacks class A net. 290 sacks total
 Plug Down at 2:14 AM.*

10-30-82
DATE

Samuel M. Hersman 04/05/2024
DISTRICT WELL INSPECTOR

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

RECEIVED

NOV 9 - 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5971

Oil or Gas Well _____
(KIND)

Company Ohio Western Resources

Address _____

Farm Silbert Francis

Well No. Francis # 1

District Grant County Ritchie

Drilling commenced 10-28-82

Drilling completed 10-31-82 Total depth 2207

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 _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Robert Lute - Mark Hursey - Harry Slevin

Remarks: S+B Drilling Rig # 1 tool Pusher Jeff Sanger

on 10-31-82 Ran 2167' foot of 4 1/2" casing
B.J. Hughes ran 170 sacks cement

11-2-82
DATE

Samuel M. Heroman 04/05/2024
DISTRICT WELL INSPECTOR

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

RECEIVED
 SEP 23 1983

OIL & GAS DIVISION
 DEPT. OF MINES

Permit No. 085-5971 County Ritchie
 Company Ohio & Western Resources Co. Farm FRANCIS
 Inspector MIKE U. Well No. 1#
 Date 9-12-83

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	<u>X</u>	_____
23.04	Reclaimed Drilling Pits	<u>X</u>	_____
23.05	No surface or underground Pollution	_____	_____
7.03	Identification Markings	<u>X</u>	_____

COMMENTS: FINAL inspection O.K. Release

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Mike Anderson
 DATE: 9-12-83

04/05/2024



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

October 7, 1983

Ohio & Western Resources
P. O. Box 1246
Parkersburg, W. Va. 26101

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

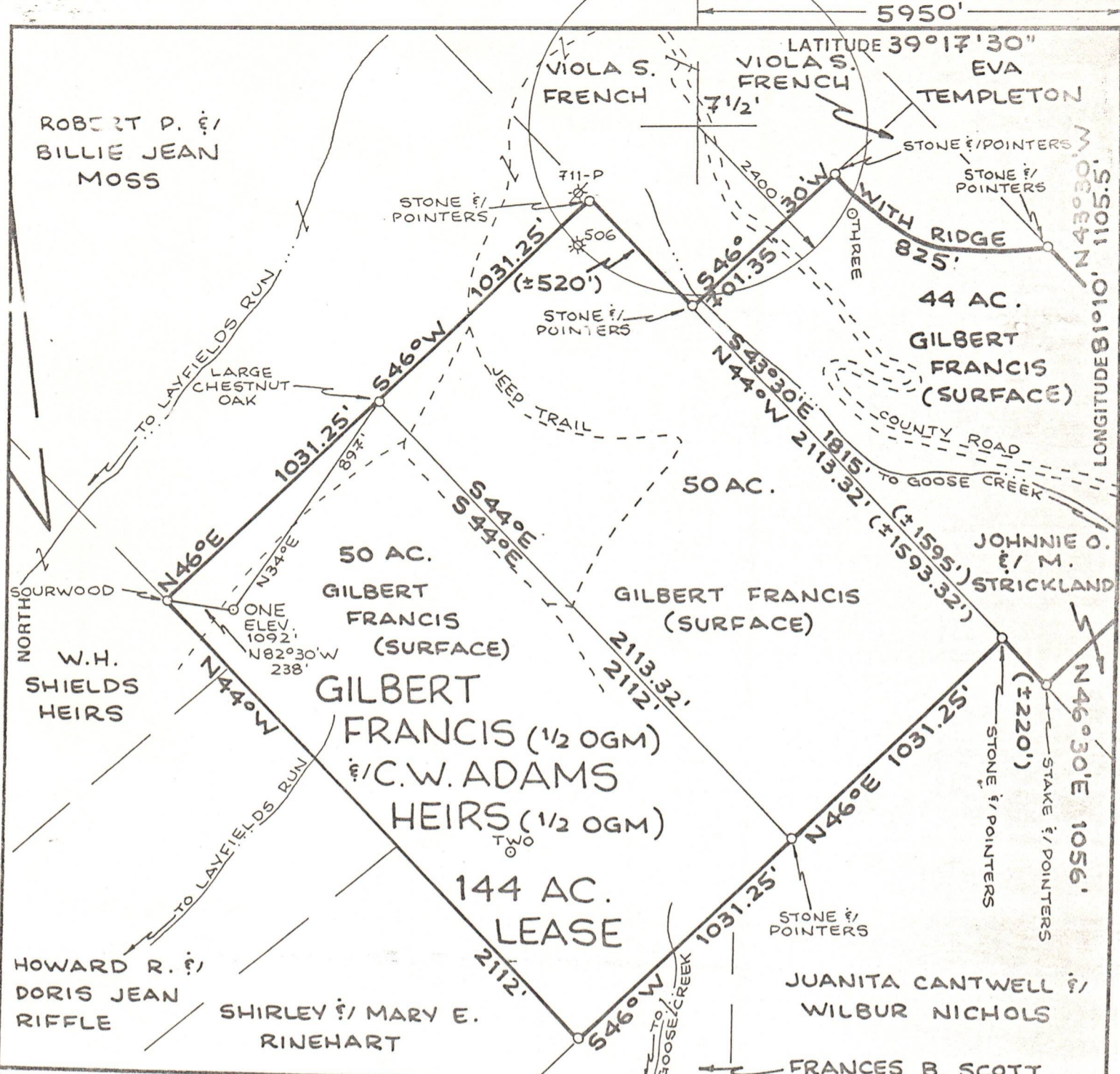
<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
RIT-5887	Gilbert Francis, #3	Grant
RIT-5906	Nichols, Dunn, Strickland /Nichols #2	Grant
RIT-5971	Gilbert Francis, #1	Grant

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

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

04/05/2024



FILE NO. _____
 DRAWING NO. _____
 SCALE **1"=500'**
 MINIMUM DEGREE OF ACCURACY **1:200**
 PROVEN SOURCE OF ELEVATION **HIGH PT. ELEV. 1264'**

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 **20 JULY**, 19 **82**
 OPERATOR'S WELL NO. **ONE**
 API WELL NO. _____
47 - **085** - **5971**
 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 **1092'** WATER SHED **LAYFIELDS RUN**
 DISTRICT **GRANT** COUNTY **RITCHIE**
 QUADRANGLE **SCHULTZ 7 1/2' QUAD.**
 SURFACE OWNER **GILBERT FRANCIS** ACREAGE **50**
 OIL & GAS ROYALTY OWNER **GILBERT FRANCIS (1/2) & C.W. ADAMS HEIRS (1/2)** LEASE ACREAGE **144**
 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) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION **BENSON** ESTIMATED DEPTH **5700'**
 WELL OPERATOR **OHIO & WESTERN RESOURCES** DESIGNATED AGENT **MARK A. KNIFFEN**
 ADDRESS **113 KEYSER STREET** ADDRESS **CRYSTAL AVENUE**
DEVOLA, MARIETTA, OHIO 45750 **WILLIAMSTOWN, W.VA. 26187**

04/05/2024