



1) Date: June 7, 1983
 2) Operator's Well No. Starr #5
 3) API Well No. 47 085 6588
 State County Permit

DRILLING CONTRACTOR:
NA

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: 980 Watershed: Goose Creek
 District: Grant County: Ritchie Quadrangle: Schultz
- 6) WELL OPERATOR L&M Petroleum Co. 11) DESIGNATED AGENT Don Berry
 Address P.O. Box 89, Reno, OH 45773 Address Main St., Middlebourne, WV
614-373-8771 304-758-4044
- 7) OIL & GAS ROYALTY OWNER See Attached 12) COAL OPERATOR NA
 Address _____ Address _____
- 8) SURFACE OWNER see attached 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name NA Address _____
 Name NA Address _____
- 9) FIELD SALE (IF MADE) TO: NA 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name NA Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Samuel Hersman Address _____
P.O. Box 66
Smithville, WV 26178 477-3597
- 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, Upper Devonian/Hampshire Formation
- 17) Estimated depth of completed well, 5000 feet
- 18) Approximate water strata depths: Fresh, NA feet; salt, NA feet.
- 19) Approximate coal seam depths: NA Is coal being mined in the area? Yes _____ / No

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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	11 3/4					250	250	150	Kinds <u>by rule 15-05</u>
Fresh water									Sizes
Coal									Depths set <u>DRAS REG</u>
Intermediate	8 5/8					1900	1900	120	<u>by rule 15-01</u>
Production	4.5					5000	5000	250	Perforations:
Tubing									Top Bottom
Liners									

- 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: _____ My Commission Expires 8/2/83

Signed: Norma Anderson
 Its: Norma Anderson, Asst. Secretary

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-085-6588 Date July 12 1983
08/18/2023

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 March 12, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>B</u>	Agent: <u>ls</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>3215</u>
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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.

WAIVER

08/18/2023

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 _____

MINERAL OWNERSHIP

Kelly, Land & Mineral
c/o Clyde Kelly
285 E. Torrence
Columbus, OH 43214

Mrs. Bernadine James
813 Wheeling Ave. - Apt. 4
Glen Dale, West Virginia 26038

Clem L. Overton
3003 Linden Ave.
Parkersburg, WV 26101

SURFACE OWNERSHIP

F. Starr
St. Marys, WV 26170

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DEPT. OF MINES













08/18/2023

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE SCHULTZ

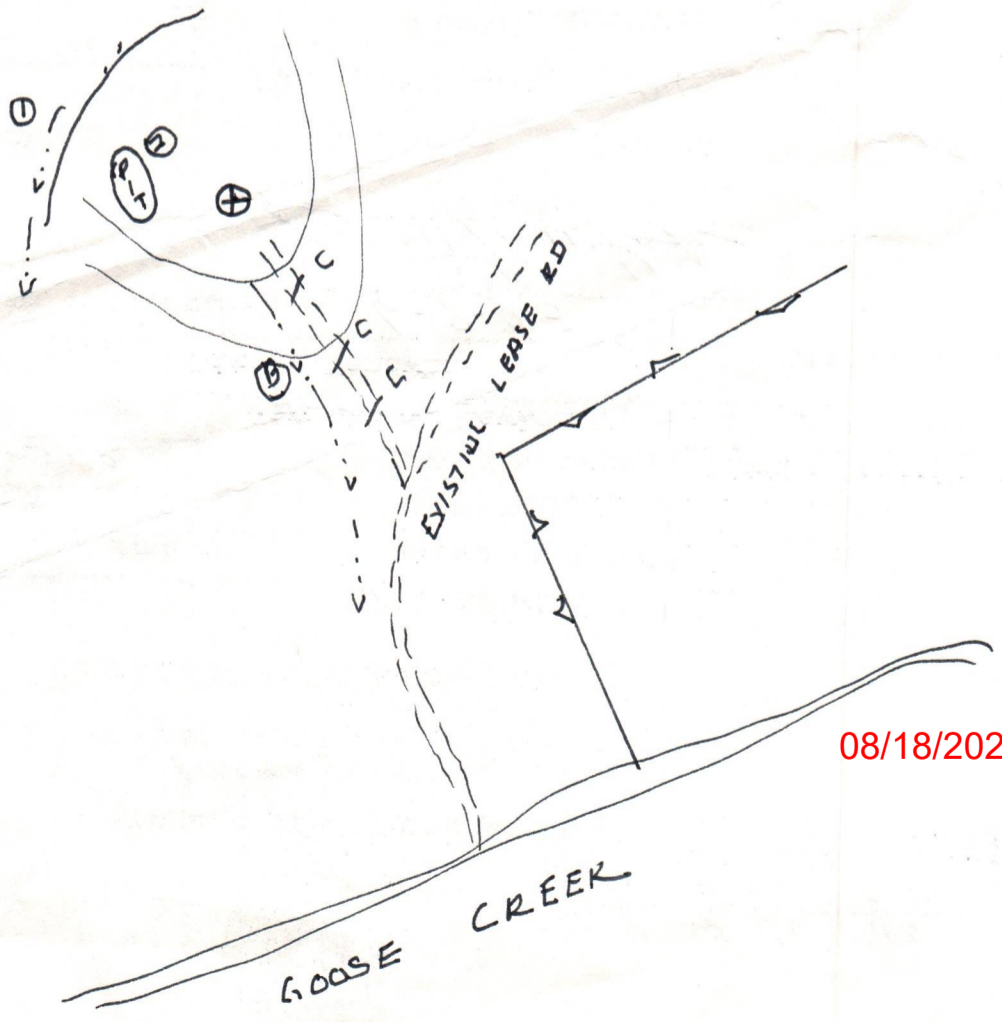
LEGEND

Well site 



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

ACCESS RD 500'
GRADE 5%



08/18/2023

08/18/2023



DATE 3 DUE 1983
WELL NO. STAR 25
API NO. 47 - 085 - 6588
State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

DESIGNATED AGENT DON BERRY

Address MIDDLEBORNE WV

Telephone 758 4044

SOIL CONS. DISTRICT Little Kanawha

Revegetation to be carried out by Appel David SCD (Agent)

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

6-8-83

(Date)

(SCD Agent)

Garrett Newton

LOCATION

Structure DRAINAGE DITCH (1)

Material SOIL

Page Ref. Manual 2-12

Structure DRAINAGE PIT (2)

Material SOIL

Page Ref. Manual

Structure (3)

Material

Page Ref. Manual

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

REVEGETATION

OIL & GAS DIVISION
DEPT. OF MINES

Structure

Spacing

Page Ref. Manual

Structure DRAINAGE DITCH (B)

Spacing PER S KALIN

Page Ref. Manual 2-12

Structure CROSS DRAIN (C)

Spacing 60-135'

Page Ref. Manual 2-2, 2-3, 2-4

Treatment Area I
Lime Tons/acre
or correct to pH 6.5
Fertilizer lbs/acre 500
(10-20-20 or equivalent)
Mulch Hay or straw 2 Tons/acre
Seed* KY 31 Fescue 40 lbs/acre
Flatpea 10 lbs/acre
lbs/acre

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

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

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

PLAN PREPARED BY

DON BERRY, L.L.S.

Tyler County Surveyor

Main St. Middlebourne, WV 26149

Phone 758-4044

PHONE NO.

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

18 SEP 85 11: 10
RECL. CHAS.

Permit No. 47-085-6588 County. RITCHIE
Company. L + M PETROLEUM CO Farm. M. HARPER
Inspector. SAMUEL N. HERSMAN Well No. STARR # 5
Date. 9-11-85 Issued. JULY - 22 - 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	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
7.03	Identification Markings	_____	_____

COMMENTS: Please Cancel - no well work done

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: Samuel N. Hersman

DATE: 9-11-85



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS
 1615 Washington Street, East
 Charleston, West Virginia 25311
 Telephone: 348-3500

September 23, 1985

ARCH A. MOORE, JR.
 Governor

Ohio L & M Company, Incorporated
 P. O. Box 89
 Reno, Ohio 45773

In Re: Permit No: 47-085-6588
 Farm: F. Starr
 Well NO: 5
 District: Grant
 County: Ritchie
 Issued: 7-12-83

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 captioned permit number has been released under XXXX your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that 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 22B, Article 1, Section 26, the above captioned well will remain under _____ bond coverage for life of the well.

XXXX PERMIT CANCELLED - NEVER DRILLED

Respectively,

Theodore M. Streit

TMS/ nw

08/18/2023

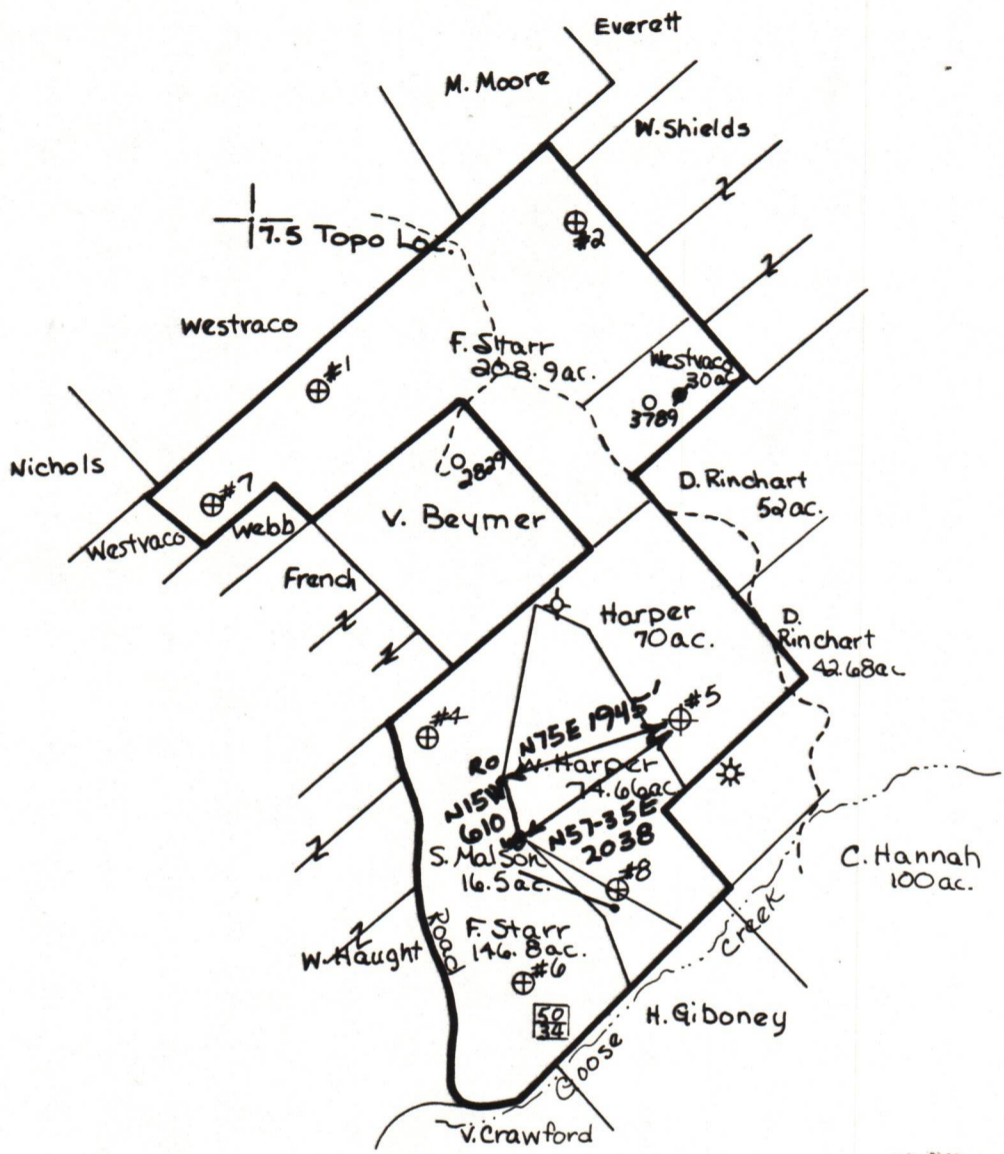
00 7-12-83

8,350'

LATITUDE 39° 17' 30"

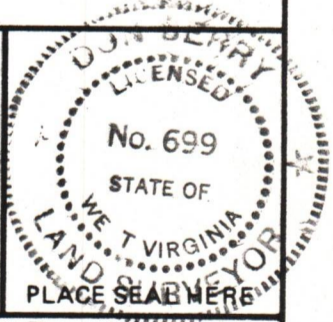
LONGITUDE 81° 10' 00"

NORTH



FILE NO. 82-054a
 DRAWING NO. 1
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION USGS B.M. = 761

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) Don Berry
 R.P.E. _____ L.L.S. 699



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE June 3, 19 83
 OPERATOR'S WELL NO. Starr # 5
 API WELL NO. 47 - 085 - 6588
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 980 WATER SHED Goose Creek
 DISTRICT Grant COUNTY Ritchie
 QUADRANGLE Schultz

SURFACE OWNER M. HARPER ACREAGE 70 AC
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____

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 5000'
 WELL OPERATOR Don Berry DESIGNATED AGENT DON BERRY
 ADDRESS P.O. Box 89 Lewis Ohio 45723 ADDRESS MIDDLEBOURNE W.V.

R17-6588