



1) Date: February 1, 19 83  
 2) Operator's Well No. D-8  
 3) API Well No. 47 - 085 - 6447  
 State West Virginia County Wetzel Permit         

DRILLING CONTRACTOR:  
Union Drilling  
Bridgeport, WV

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: 1102 Watershed: Goose Creek  
 District: Grant County: Ritchie Quadrangle: Cairo 7.5
- 6) WELL OPERATOR Amber Oil Co., Inc. 11) DESIGNATED AGENT Donald C. Kesterson  
 Address 1308 Market Street Address P. O. Box 2036  
Parkersburg, WV 26101 Parkersburg, WV 26102
- 7) OIL & GAS ROYALTY OWNER WV Investment 12) COAL OPERATOR N/A  
 Address c/o Omer M. Fulton Address           
Box 292, Wynnwood, PA 19096  
 Acreage 493
- 8) SURFACE OWNER Same 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address          Name N/A  
 Address           
 Acreage 493 Name           
 Address
- 9) FIELD SALE (IF MADE) TO: 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Address N/A Name N/A  
 Address          Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Samuel Hersman Address           
 Address Box 66, Smithville, WV 26178 Address           
 Phone: 304 477-3597
- 15) PROPOSED WORK: Drill  / Drill deeper  / Redrill  / Fracture or stimulate   
 Plug off old formation  / Perforate new formation  APR 14 1983  
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Marcellus Shale OIL & GAS DIVISION  
 17) Estimated depth of completed well, 5990' feet DEPT. OF MINES  
 18) Approximate water strata depths: Fresh, 90' feet; salt, 1700 feet.  
 19) Approximate coal seam depths: N/A Is coal being mined in the area? Yes  / No

**RECEIVED**

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			X		40'	40'	CIS	Kinds
Fresh water									Sizes
Coal									NEAT
Intermediate	8-5/8		24#	X		1300'	1300'	CIS	Depths set
Production	4-1/2		10.5#	X		<del>        </del>	5990'	400 sacks	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: Betty Schneid  
 My Commission Expires 1-3-89

Signed: Donald C. Kesterson  
 Its: PRESIDENT

OFFICE USE ONLY  
**DRILLING PERMIT**

Permit number 47-085-6447 Date May 6 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 January 6, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>        </u>	Plat: <u>        </u>	Casing: <u>        </u>	Fee: <u>544</u>
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John B. Burdell  
 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**

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 \_\_\_\_\_

08/18/2023

ITEM #21 - EXTRACTION RIGHTS  
CODE 22-4-11 (C)

493 ACRES GIRANT DISTRICT RITCHIE COUNTY, WV

BOUNDED AS FOLLOWS:

- ON THE NORTH BY WEEKLEY, FRESHWATER, BOSTON & WEBB
- ON THE EAST BY Mc GHEE, PARR & RINEHART
- ON THE SOUTH BY GALE, TETRICK & DONLEY
- ON THE WEST BY GALE, POWELL & WOOD COUNTY PETROLEUM Co.

LESSORS AND ADDRESS	PERCENT OGM ROYALTY INTEREST	RECORDING	
		BK	PG
<u>WEST VIRGINIA INVESTMENT CORP.</u>			
<u>% MAIN HERDMAN</u>	<u>SURFACE &amp;</u>		
<u>3 PENN CENTER PLAZA</u>	<u>MINERALS</u>		
<u>PHILADELPHIA, PA 19103</u>			
<u>ATTN: OMER FULTON, PRESIDENT</u>	<u>100%</u>	<u>139</u>	<u>133</u>

08/18/2023

IV-9 REVERSE  
(REV 8-81)

ATTACH OR PHOTOCOPY SECTION OF  
INVOLVED TOPOGRAPHIC MAP,  
QUADRANGLE CAIRO 7.5'

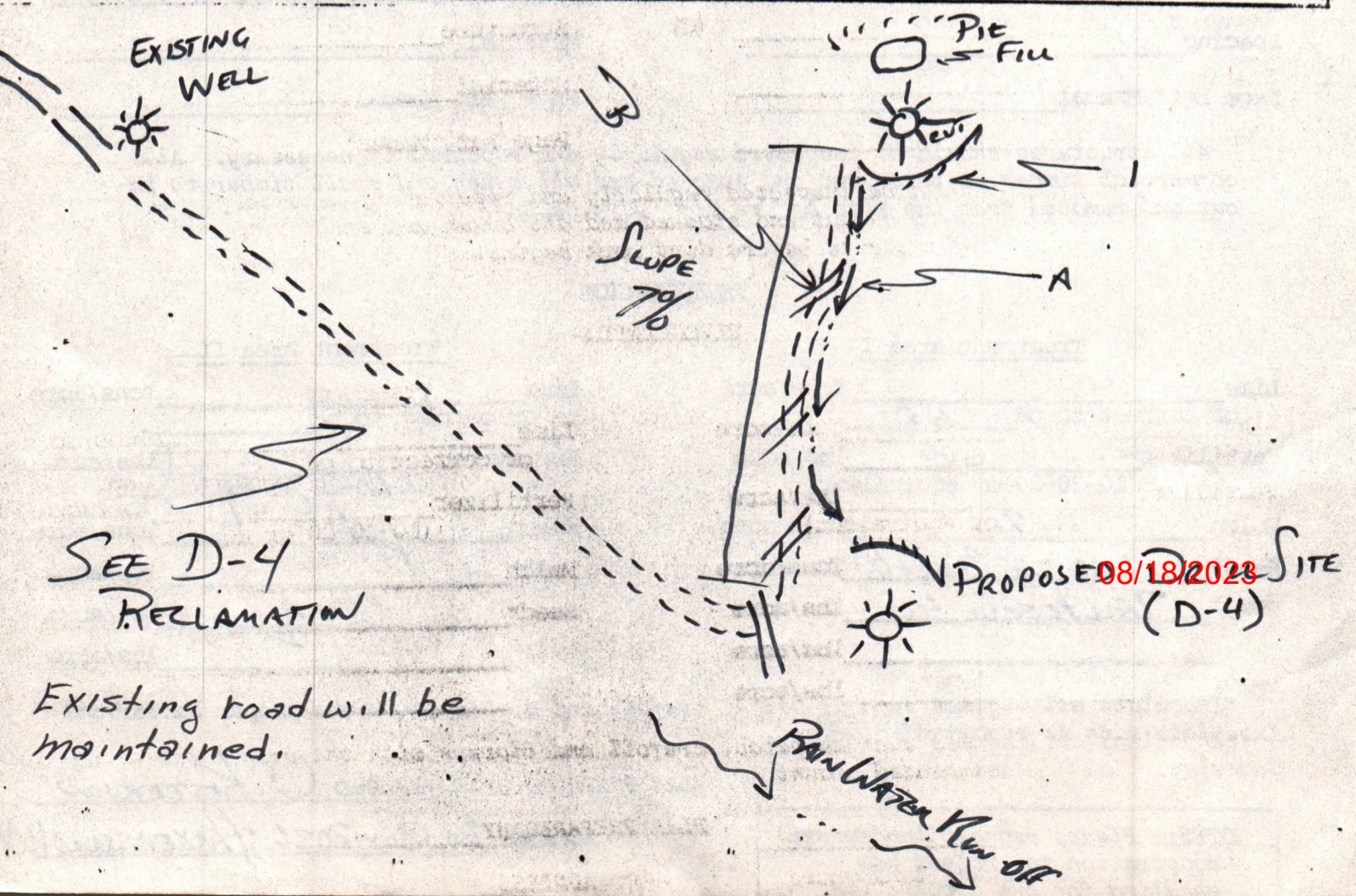
LEGEND	
Well Site	⊕
Access Road	—

SEE ATTACHED

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	—▲—▲—▲—▲—
Road	== == == == ==
Existing fence	—x—x—x—x—
Planned fence	—/—/—/—/—
Stream	~...~...~...~...~
Open ditch	—>...>...>...>...>
Diversion	//////
Spring	○→
Wet spot	⊕
Building	■
Drain pipe	—○→○→○→
Waterway	←≡≡≡≡





IV-9  
(Rev 8-81)

DATE April 4, 1983  
WELL NO. D-8  
API NO. 47-085-6447

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Amber Oil Co Inc DESIGNATED AGENT DONALD C KESTERSON  
Address P.O. Box 2036 ; PARKERSBURG WV Address SAME  
Telephone 304-485-5111 Telephone SAME  
LANDOWNER WV. INVESTMENT CORP. SOIL CONS. DISTRICT LITTLE KANAWHA  
Revegetation to be carried out by AMBER OIL CO INC (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 4-9-83 (Date)  
Jarrett Newton (SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>OPEN DRAINAGE</u> (A)	Structure <u>DIVERSIONS</u> (1)
Spacing <u>AS NEEDED</u>	Material <u>SOIL</u>
Page Ref. Manual <u>2:12</u>	Page Ref. Manual <u>2:12</u>
Structure <u>CROSS DRAINS</u> (B)	Structure <u>RECEIVED</u> (2)
Spacing <u>AS NEEDED</u>	Material <u>RECEIVED</u>
Page Ref. Manual <u>2:7-2-1</u>	Page Ref. Manual <u>APR 14 1983</u>
Structure _____ (C)	Structure <u>OIL &amp; GAS DIVISION DEPT. OF MINES</u> (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

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.

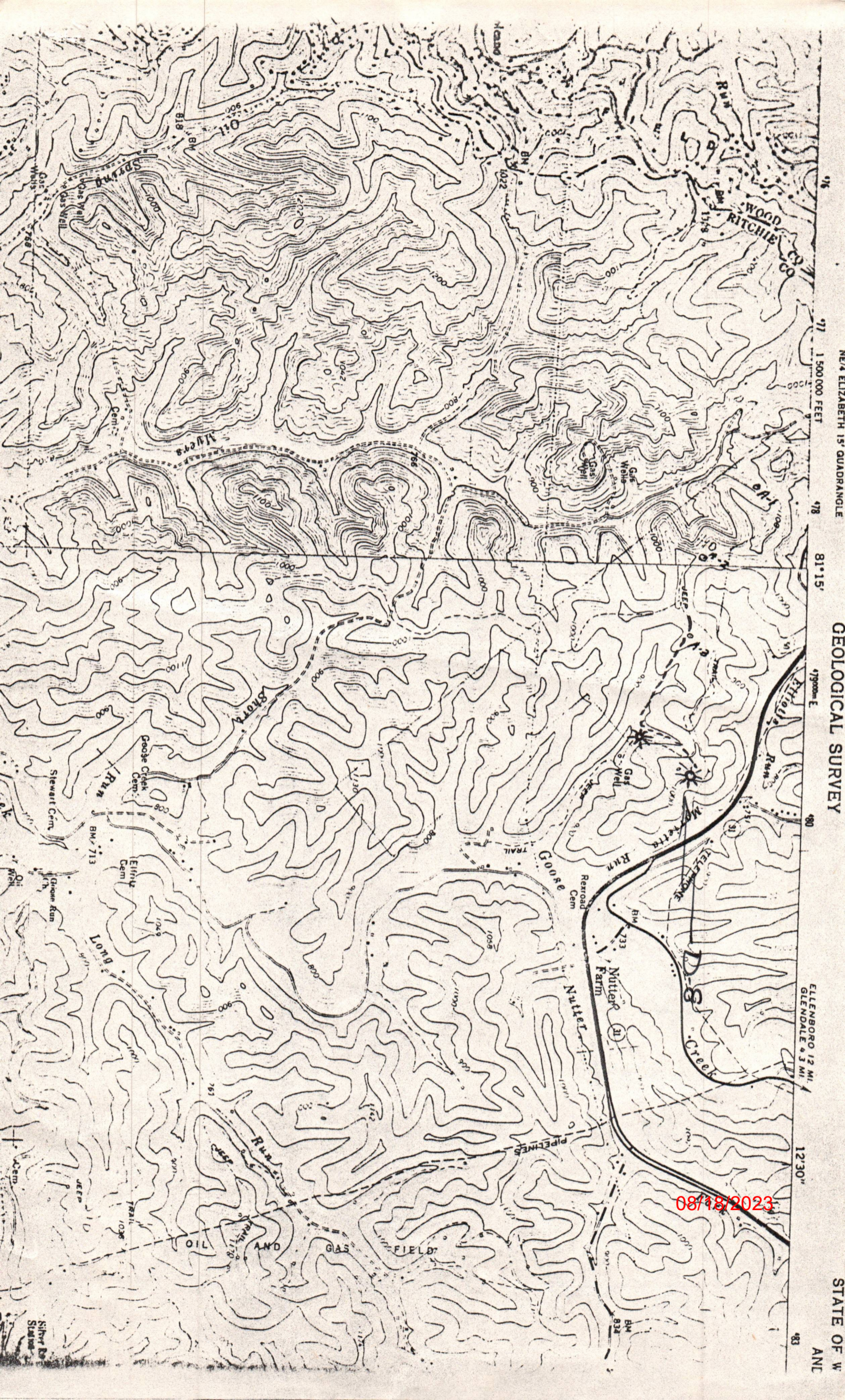
REVEGETATION

Treatment Area I	Treatment Area II
Lime _____ Tons/acre or correct to pH <u>6.5</u>	Lime _____ Tons/acre or correct to pH _____
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer _____ lbs/acre (10-20-20 or equivalent)
Mulch <u>2</u> Tons/acre	Mulch <u>SAME AS</u> Tons/acre
Seed* <u>LADINO CLOVER</u> lbs/acre	Seed* <u>SAME AS</u> lbs/acre
<u>TAUFESEUE</u> 40 lbs/acre	<u>1</u> 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 landowners' cooperation to protect new seedling for one growing season.

PLAN PREPARED BY DONALD C. KESTERSON  
ADDRESS P.O. Box 2036 ; PARKERSBURG WV



NE 4 ELIZABETH 15' QUADRANGLE

GEOLOGICAL SURVEY

ELLENBORO 12 MI  
GLENDALE 9.3 MI

STATE OF W  
ANL

08/18/2023

P.O. BOX 2036, PARKERSBURG, WV. 26101 PHONE: (304) 485-9111

**RECEIVED**

MAY 14 1985

May 6, 1985

OIL & GAS DIVISION

**DEPT. OF MINES**

W. Va. Department of Mines  
Oil and Gas Division  
Charleston, W. Va.

RE: Cancellation of present  
undrilled permits.

Dear Sir,

The purpose of this letter is to cancel all undrilled permits under my Amber Oil Co., Inc. bond.

Presently, only the Hanlin Well drilled under permit #47-073-1648 has been drilled. The present owner of the Hanlin Well is supposed to be posting their own drilling bond in the near future. When this takes place, please notify me in writing.

Should you have any further questions, please advise me at your earliest convenience.

Sincerely,



Donald C. Kesterson  
Petroleum Geologist

08/18/2023

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

**RECEIVED**  
 JUL 9 - 1985  
 OIL & GAS DIVISION  
 DEPT. OF MINES

Permit No. 47-085-6447 County. Ritchie  
 Company. Amber Oil Co., INC. Farm. W. V. Investment  
 Inspector. Samuel Hersman Well No. D-8  
 Date. \_\_\_\_\_ Issued. 5-6-83

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: Amber Oil Co., wants to cancel all undrilled permits. Please inspect and cencell if not drilled.

*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 M. Hersman  
 DATE: 7-5-85

08/18/2023





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

ARCH A. MOORE, JR.  
 Governor

July 16, 1985

Amber Oil Co., Inc.  
 P. O. Box 2036  
 Parkersburg, West Virginia 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: (PERMIT CANCELLED-NEVER DRILLED)

<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>	<u>ISSUED</u>
47-085-6398	G. D. Bessler #1	Grant	4-20-83
47-085-6399	G. D. Bessler #2	Grant	4-20-83
47-085-6400	G. D. Bessler #3	Grant	4-20-83
47-085-6446	WV Investment #D-4	Grant	5-06-83
47-085-6447	WV Investment Corp.#D-8	Grant	5-06-83

In accordance with Chapter 22B, Article 1, Section 26, the above captioned wells will remain under bond coverage for "life of wells". Reclamation requirements have been approved.....

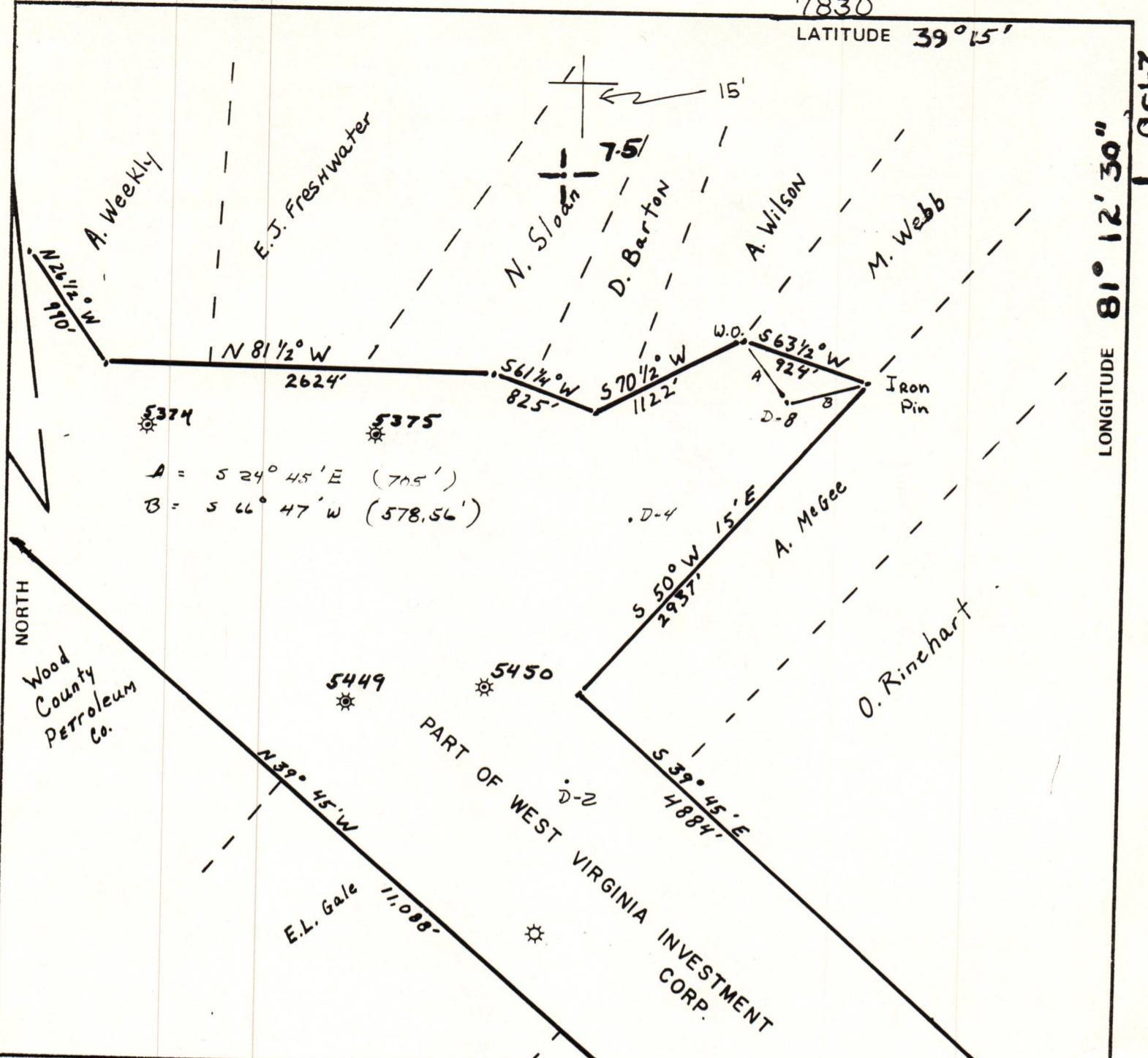
Very truly yours,

Theodore M. Streit

08/18/2023

7830'  
LATITUDE 39°15'

2450'  
LONGITUDE 78°21'18"



A = 524° 45' E (705')  
B = 566° 47' W (578.56')

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY 1/200  
PROVEN SOURCE OF ELEVATION 4565 BM WV Rt 50/34  
At Nutters Fork, Elev = 733'

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) *George P. Hixon*  
R.P.E. 8879 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

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



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

DATE February 1, 19 83.  
OPERATOR'S WELL NO. D-8  
API WELL NO. 47-085-6447  
STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
(IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
LOCATION: ELEVATION \_\_\_\_\_ WATER SHED Goose Creek  
DISTRICT Grant COUNTY Richie  
QUADRANGLE CAIRO 7.5

SURFACE OWNER N.D. Marsh et al ACREAGE 493  
OIL & GAS ROYALTY OWNER West Virginia Investment Corp LEASE ACREAGE 493 **08/18/2023**  
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 Marcellus Shale ESTIMATED DEPTH 5990'  
WELL OPERATOR AMBER OIL Co. Inc DESIGNATED AGENT DONALD C. KESTERSON  
ADDRESS P.O. Box 2036 ADDRESS SAME  
PARKERSBURG WV 26101