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JAN - 7 1981

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE January 5, 1981

Surface Owner: Norman Hanifan

Address Route 1, Tallmansville, WV 26237

Mineral Owner: Clare Davis Leigh, etal (B.H. Leigh Heirs)

Address 376 Johnson Plank Road, Warren, Ohio 44481

Coal Owner: Nellie Wilverding, etal

c/o Charles Clinebell

200 Selders Avenue, Akron, Ohio 44300

ALLEGHENY LAND AND MINERAL COMPANY

Company P. O. Drawer 1740

Address Clarksburg, West Virginia 26301

Farm B. H. Leigh Acres 72.75

Location (waters) Jackson Fork

Well No. A-945 Elevation 2566'

District Middle Fork County Randolph

Quadrangle Cassity 7.5'

**THIS PERMIT MUST BE POSTED AT THE WELL SITE**

All provisions being in accordance with Chapter 22,  
of the W. Va. Code, the location is hereby approved

for drilling. This permit shall expire if  
operations have not commenced by 10-24-81

*[Signature]*  
Deputy Director - Oil & Gas Division

INSPECTOR TO BE Mr. Robert S. Stewart  
NOTIFIED: P. O. Box 345  
Jane Lew, West Virginia 26378

PHONE: 884-7782

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated March 7, 1972 by B. H. Leigh and Ethel Leigh, made to Allegheny Land & Mineral Co and recorded on the 16th day of March 1972, in Randolph County, in Deed Book 275 Page 512

XXX NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE  
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days.\*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address                      day                      before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

(Sign Name) ALLEGHENY LAND AND MINERAL COMPANY

BY: *[Signature]*

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

OFFICE OF OIL AND GAS  
1615 Washington Street, East  
Charleston, West Virginia  
Area Code 304 348-3092 348-3096

Address  
of  
Well Operator

Daniel L. Wheeler, Vice President  
P. O. Box 1740  
Clarksburg, West Virginia 26301

\*SECTION 3....If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

03/15/2024

47-083-0426

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by *[Signature]*

BLANKET BOND

RECEIVED  
JAN 5 1981

THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XXX DRILL          DEEPEN          FRACTURE STIMULATE

DRILLING CONTRACTOR: (If Known)          RESPONSIBLE AGENT:         

NAME: Union Drilling Company NAME: Allegheny Land and Mineral Company

ADDRESS: P. O. Drawer 40 ADDRESS: P. O. Drawer 1740

Buckhannon, West Virginia 26201 Clarksburg, West Virginia 26301

TELEPHONE: 304-472-4610 Telephone: 304-623-6671

ESTIMATED DEPTH OF COMPLETED WELL: Elk ROTARY XXX CABLE TOOLS         

PROPOSED GEOLOGICAL FORMATION 5300'

TYPE OF WELL: OIL          GAS XXX COMB          STORAGE          DISPOSAL         

RECYCLING          WATER FLOOD          OTHER         

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16	20'	20'	cement to surface
13 - 10			
9 - 5/8			
8 - 5/8	700'	700'	cement to surface
7			
5 1/2			
4 1/2	5300'	5300'	cement to 300' above producing horizon
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 42' FEET SALT WATER          FEET

APPROXIMATE COAL DEPTHS 32-35'

IS COAL BEING MINED IN THE AREA? NO BY WHOM?         

TO DRILL:         

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for          Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the          Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.


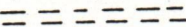



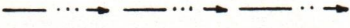
03/15/2024

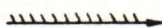




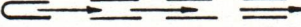
For Coal Company

Official Title

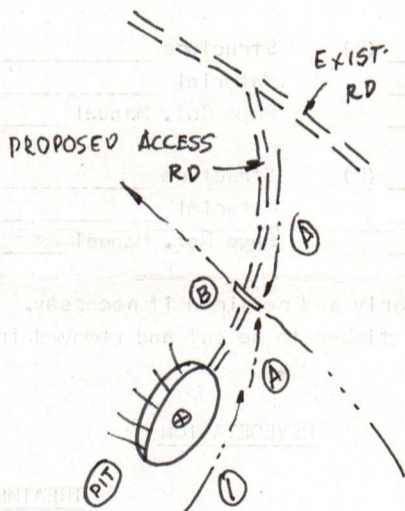
WELL SITE PLAN

Legend:

- Property Boundary 
- Road 
- Existing Fence 
- Planned Fence 
- Stream 
- Open Ditch 

- Diversion 
- Spring 
- Wet Spot 
- Building 
- Drain Pipe 
- Waterway 

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 first part of this plan. Include all natural drainage.



COMMENTS: Slope of access road 5% -- Cuts to be on a 2:1 slope or less -- Access road subject to change by company or landowner -- All ditches and culverts will be maintained after construction is completed -- Reclamation to be performed by Halls Reclamation, Inc.

Signature: J. Ronald Cullen P. O. Box 1740, Clarksburg, W. Va. 623-6671  
 Agent Address Phone Number

03/15/2024

Please request landowners cooperation to protect new seeding for one growing season.

Form IV-9  
(01-80)



Date February 17, 1981  
Well No. A-945  
API No. 47 - 083 - 0426  
State County Permit

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS

Company Name Allegheny Land & Mineral Co.  
Address P. O. Box 1740  
Clarksburg, West Virginia  
Telephone 623-6671  
Landowner Norman Hanifan

Designated Agent J. Ronald Cullen  
Address P. O. Box 1740  
Clarksburg, West Virginia  
Telephone 623-6671  
Soil Cons. District Tygart Valley

Revegetation to be carried out by Halls Reclamation, Inc. (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections  
and additions become a part of this plan. 2-19-81 (Date) James Hedrick (SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)  
Spacing Earthen  
Page Ref. Manual 1-10

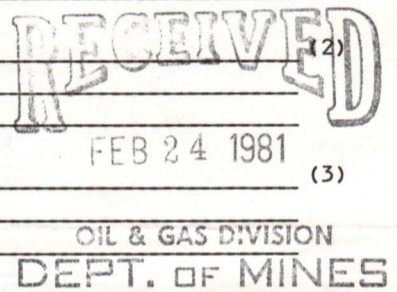
Structure Drainage Ditch (1)  
Material Earthen  
Page Ref. Manual 1-10

Structure Culverts (B)  
Spacing 12" Min. I. D. WHERE NEEDED  
Page Ref. Manual 1-8

Structure \_\_\_\_\_ (2)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure \_\_\_\_\_ (C)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure \_\_\_\_\_ (3)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_



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

REVEGETATION

TREATMENT AREA I

TREATMENT AREA II

Lime 2.5 3 Tons/acre  
or correct to pH 6.5

Lime 2.5 3 Tons/acre  
or correct to pH 6.5

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

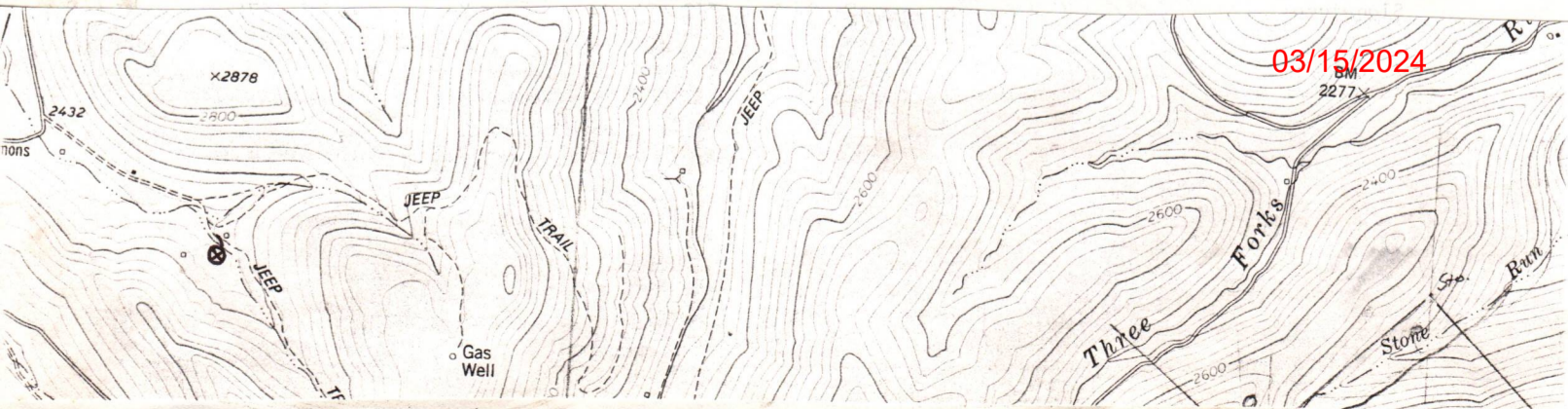
Mulch Straw 2 lbs/acre  
Seed\* Kentucky 31 Fescue 45 lbs/acre  
Birdsfoot Trefoil 10 lbs/acre  
Domestic Ryegrass 10 lbs/acre

Mulch Straw 2 lbs/acre  
Seed\* Kentucky 31 Fescue 45 lbs/acre  
Birdsfoot Trefoil 10 lbs/acre  
Domestic Rye Grass 10 lbs/acre

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

Attach or photocopy section of involved Topographic map. Quadrangle Cassity 7.5'

Legend: Well Site  
Access Road



B-11

Ran: 426 —

now Ran-499

no final Insp.

" letter of release

03/15/2024