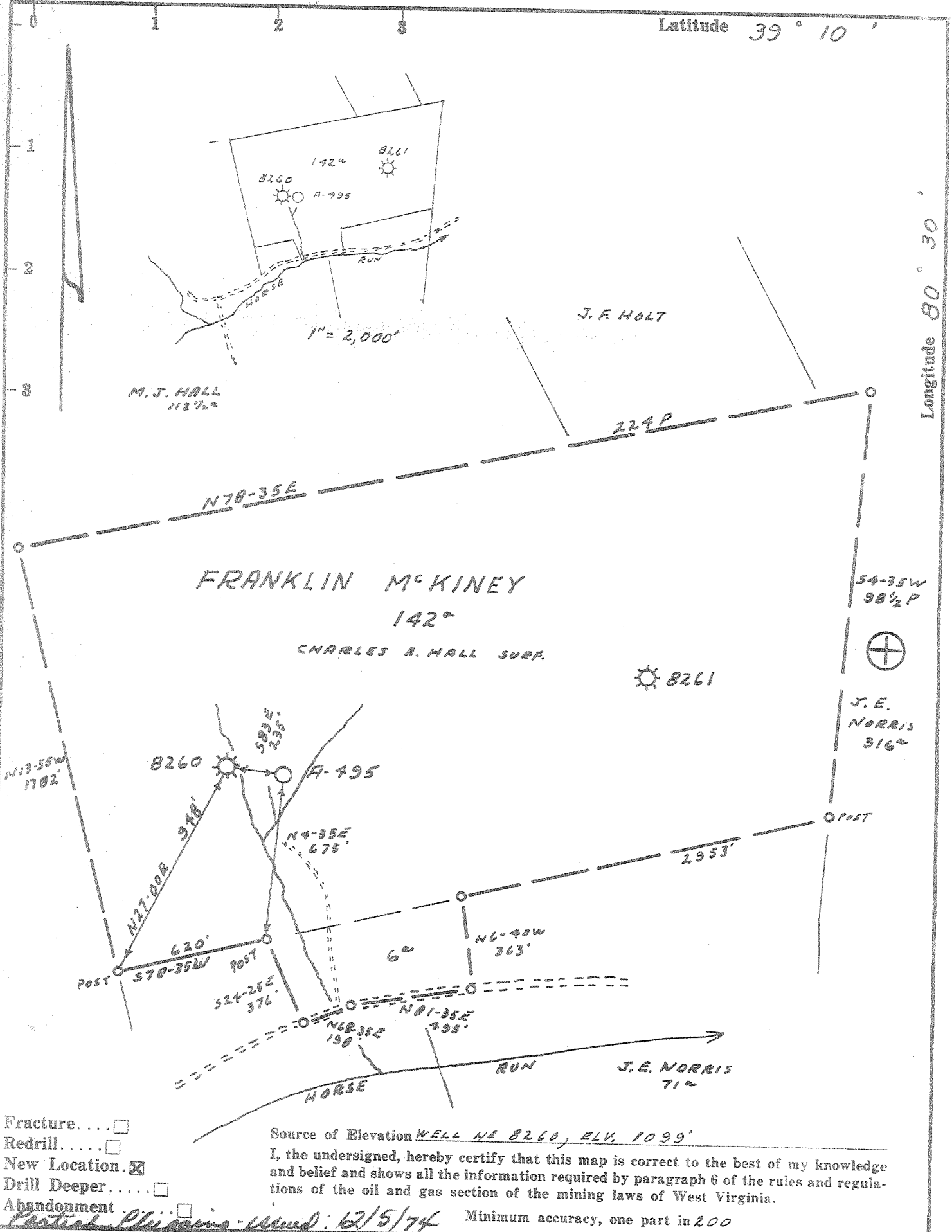


Latitude 39° 10'

Longitude 80° 30'



- Fracture...
- Redrill...
- New Location...
- Drill Deeper...
- Abandonment...

Source of Elevation WELL NA 8260, ELV. 1099'

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Minimum accuracy, one part in 200

Partial Plugging - Used: 12/5/74

Company ALLEGHENY LAND & MINERAL CO.

Address CLARKSBURG, W.VA. 26301

Farm FRANKLIN MCKINEY

Tract _____ Acres 142 Lease No. _____

Well (Farm) No. 3 Serial No. A-495

Elevation (Spirit Level) 1103'

Quadrangle VADIS 2¹/₂ EC

County LEWIS District FREEMANS CK.

Engineer R. J. McWilliams

Engineer's Registration No. 105 L.L.S.

File No. 224/76 Drawing No. _____

Date 6-23-73 Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. Lew-1926-PP

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

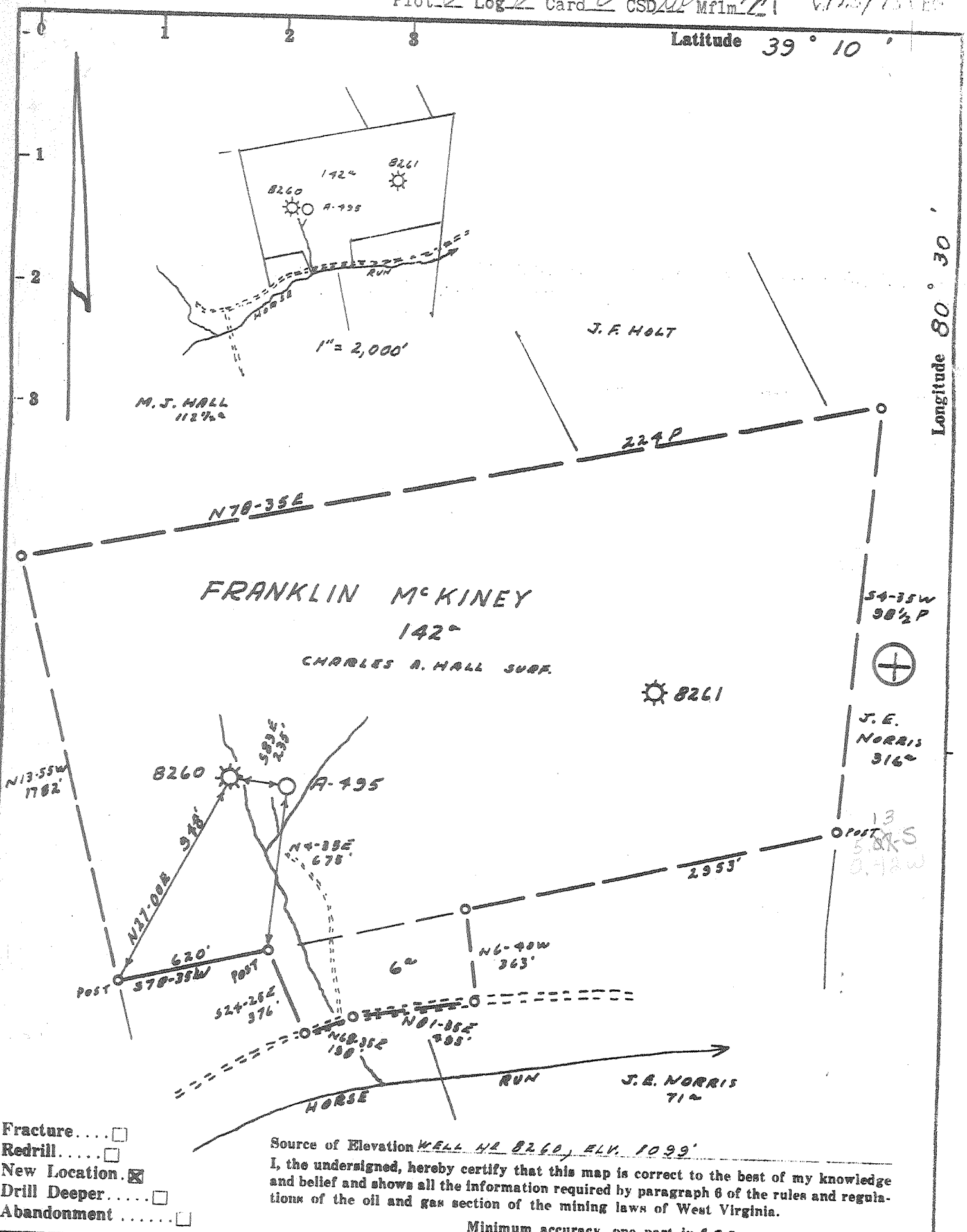
— Denotes one inch spaces on border line of original tracing.

47-041

Deep well

Latitude 39° 10'

Longitude 80° 30'



Company ALLEGHENY LAND & MINERAL CO.
 Address CLARKSBURG, WVA. 26301
 Farm FRANKLIN MCKINEY
 Tract _____ Acres 142 Lease No. _____
 Well (Farm) No. 3 Serial No. A-495
 Elevation (Spirit Level) 1103'
 Quadrangle VADIS SE 22 EC
 County LEWIS District FREEMANS CK.
 Engineer R. J. McMillan
 Engineer's Registration No. 105 L.L.S.
 File No. 224/76 Drawing No. _____
 Date 6-23-73 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. Law-1926

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

47-041

6-6 Murphy Creek (Freemansburg) Deep Well (Oriskany) JUL 3 1973



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

Rotary Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Vad15
Permit No. Lew-1926

Company Allegheny Land & Mineral Co.
Address P.O. Box 1479 Clarksburg, W. Va.
Farm Franklin McKinney Acres 142
Location (waters) Horse Run of Freemans Creek
Well No. A-493 Elev. 1103
District Freemans Creek County Lewis
The surface of tract is owned in fee by _____
Charles A. Hall Route 1
Address Weston, W. Va.
Mineral rights are owned by Marion F. Chalfant
1726 Manya Ave. Parkersburg, W. Va.
Drilling Commenced July 9, 1973
Drilling Completed July 22, 1973
Initial open flow _____ cu. ft. _____ bbls.
Final production 189 M cu. ft. per day _____ bbls.
Well open _____ hrs. before test 1850 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10 13-3/8	23	23	Not cemented
9 5/8	1329	1329	Cement to surface
8 5/8			
7			
5 1/2			
4 1/2	7027	7027	Cement 681 feet
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Fractured By Howell August 16, 1973
20/10 Water 2" OF 189 MCF
Rock Pres. 1850# 72 hour

Coal was encountered at None Feet _____ Inches _____
Fresh water Small amount Feet _____ Salt Water _____ Feet _____
Producing Sand Chert & Oriskany Depth _____
Huntersville

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sandy clay			0	15		
Sand		Hard	15	60		Small amount of fresh water 60
Red Rock & shale			60	285		
Sand, shale and Red Rock			285	1272		4 1/2" Casing perforated:
Big Lime			1272	1360		6950 to 6900 - 14 holes - Orisk.
Injun			1360	1498		6810 to 6774 - 8 "
Sandy shale			1498	2134		6753 to 6723 - 11 " } Huntersville
5th sand			2134	2168		6684 to 6660 - 6 "
Shale			2168	4120		
Benson sand			4120	4138		
Sand & shale			4138	6390		
Tully Lime			6390	6435		
Marcellus Lime			6435	6606		
Onandago			6606	6639		
Chert <u>Huntersville</u>			6639	6873		
<u>Oriskany</u>			6873	6954		
<u>Helderberg Lime</u>			6954	7055		
Total depth				<u>7055</u>		60/10 water 2" when completed 327 MCF

(over)

* Indicates Electric Log tops in the remarks section.

OCT 17 1973



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE June 22nd. 1973

Surface Owner Charles A. Hall

Company Allegheny Land and Mineral Company

Address Route 1, Weston WV - 26452

Address Clarksburg, WV - 26301

Mineral Owner Marian F. Chalfant, et al.

Farm Franklin McKinney Acres 142

Address 1726 Marys Ave. Parkersburg, WV 26101

Location (waters) Horse Run of Freemans Creek

Coal Owner Charles A. Hall

Well No. 3^N A - 495 Elevation 1103'

Address Route 1, Weston, WV - 26452

District Freemans Creek County Lewis

Coal Operator none

Quadrangle VADIS SE

Address _____

NOTE: No wells are being drilled, no wells have been drilled to the Oriskany horizon within one mile of this location, excepting wells drilled or drilling by Allegheny Land and Mineral Company

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 10-25-73

INSPECTOR TO BE NOTIFIED Mr. Paul Thomas
Box 12 PH: 472-6410

GENTLEMEN: John H. Todd

Buckhannon
W.Va. 26201

Deputy Director - Oil & Gas Division

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 see attached sheet 19____ by _____ made to _____ and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____

XX 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, ALLEGHENY LAND AND MINERAL CO.

(Sign Name) By: Paul Thomas Manager
Well Operator
Land - Lease and Right of Way
P. O. Box 1740
Street

Address
of
Well Operator

Clarksburg
City or Town

West Virginia 26301
State

*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.

Low-1926 PERMIT NUMBER

BLANKET BOND

47-041

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

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Union Drilling, Inc. NAME Allegheny Land and Mineral Company
 ADDRESS Buckhannon, WV - 26201 ADDRESS Clarksburg, WV 26301
 TELEPHONE _____ TELEPHONE _____
 ESTIMATED DEPTH OF COMPLETED WELL: 7000' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Oriskany
 TYPE OF WELL: OIL _____ GAS XX 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	1300'	1300'	cement to surface
8 - 5/8			
7			
5 1/2			cement to 300 feet
4 1/2	7000'	7000'	above Chert formation
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS location below workable beds of record. new well record shows
4' seam at approx. 470'
 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 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.

For Coal Company

Official Title

Under grant or lease dated the 29th. day of August, 1899, between Franklin McKinley and G. R. McKinley, his wife, and the South Penn Oil Company, subsequently Consolidated Gas Supply Corporation, and of record in the County Clerk's Office of Lewis County, West Virginia, in Lease or Deed Book 39 at Page 371, on April 9th. 1900. The said lease has been assigned to Allegheny Land and Mineral Company by Consolidated Gas Supply Corporation under agreement dated the 12th. day of April, 1973

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JUN 25 1973

OIL & GAS DIVISION
DEPT. OF MINES