



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

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

Company	ALLEGHENY LAND & MINERAL CO.	
Address	CLARKSBURG, W.VA. 26301	
Farm	M.L. BUTCHER	
Tract	Acres 225	Lease No.
Well (Farm) No.	4	Serial No. A-454
Elevation (Spirit Level)	1222'	
Quadrangle	VADIS SE 2 & 3	
County	LEWIS	District FREEMANS CK.
Engineer	P. J. McWilliams	
Engineer's Registration No.	105 L. L. S.	
File No.	221/36	Drawing No.
Date	3-25-72	Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. ~~1853~~

Re-Indexed as Law-1871
+ 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.



3905
80030
RECEIVED

NOV 1 1972

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Vadis S.E.

Permit No. Law-1871

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

Company Allegheny Land & Mineral Co.
Address Clarksburg, W.Va.
Farm M.L. Butcher Acres 225

Location (waters) _____
Well No. A-454 Elev. 1222
District Freemans Creek County Lewis

The surface of tract is owned in fee by Loda V. Foxroad
302 Praxton St., Cassaway, W. Va.
Address _____
Mineral rights are owned by Belle Kunst Lewis, agt., et al
1429-- 2nd St., Parkersburg, W. Va.
Address _____

Drilling Commenced Sept. 23, 1972

Drilling Completed Oct. 12, 1972

Initial open flow ~~4300~~ ~~XXXX~~ bbls.

Final production 4300 M ~~XXXX~~ per day bbls.

Well open _____ hrs. before test 2400 R.P.

Well treatment details: 19 hr.

fractured Oct. 19, 1972 By Dowell

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 20"	10'	10'	Cement to sur
13-10"	13-3/8"	395'	395'
9 5/8		1665'	1665'
8 5/8			
7			
5 1/2			
4 1/2	7073'	7073'	Cemented 670'
3			from bottom
2			215 bags cement
Liners Used			

Attach copy of cementing record.

Made 4300 M 2400/ R.P. 19 hr.

Coal was encountered at 282 to 282 ~~746 to 751~~ Feet _____ Inches

Fresh water _____ Feet _____ Salt Water _____ Feet _____

Producing Sand Chert & Oriskany Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil		-	0	16		
Sand & shale		-	16	120		
Sand		-	120	130		
Red Rock		-	130	142		
Sand & shale		-	142	277		
COAL *****		-	277	282		
Sand & shale		-	282	746		
COAL *****		-	746	751		
Sand & shale		-	751	1135		
Shale		-	1135	1230		
Sand & shale		-	1230	1416		
Big Lime		-	1416	1478		
Injun		-	1478	1592		
Sand & shale		-	1592	1675		
Shale		-	1675	1870		
Sand & shale		-	1870	2284		
4th Sand		-	2284	2311		
Sand & shale		-	2311	2710		
Shale		-	2710	2999		
Sand & shale		-	2999	3242		
Shale		-	3242	3971		
Sand & shale		-	3971	4159		
Shale		-	4159	4337		

4 1/2" casing perforated:
 { 6719 to 6776 - 13 shot
 { 6783 to 6785 - 3 "
 { 6831 to 6843 - 7 "
 { 6864 to 6888 - 10 "
 { 6961 to 6963 - 3 "
 { 6975 to 6977 - 3 "
 { 6991 to 6999 - 7 "
 { 7025 to 7029 - 4 "

139
68
207

* Indicates Electric Log tops in the remarks section.

(over)

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand shale		-	4337	4368		
Person		-	4368	4392		
Shale		4392	4392	4529		
Sand shale		-	4529	4868		
Shale		-	4868	5827		
Sand shale		-	5827	5932		
Shale		-	5932	6378		
Shale sand		-	6378	6488		
Shale		-	6488	6506		
Wulley Lime		-	6506	6543		
Shale		-	6543	6705		
Onondaga Lime		-	6705	6735		
Chert - Huntersville		-	6735	6950		
Oriskany		-	6950	7052		
Helderberg Lime		-	7052	7104		
Total depth		-		7104		

Extends chert - Orisk deeper pool discovery (Lew - 1854)

Date October 26, 19 72

APPROVED Allegheny Land & Mineral Owner

By Walter Devcon, Supt.
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
APR 7 1972 - CEN

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE April 5, 1972

Surface Owner Floda V. Rexroad
Address 302 Braxton St., Gassaway, W. Va.
Mineral Owner Mary Belle Kunst Lewis, Agt.,
1429-22nd. Street
et al. Parkersburg, West Virginia
Coal Owner Floda V. Rexroad
Address 302 Braxton St., Gassaway W. Va.
Coal Operator None 26624
Address _____

Company Allegheny Land and Mineral Company
Address Box 1479, Clarksburg, W. Va. 26301
Farm M. L. Butcher Acres 225
Location (waters) A branch of Dry Fork
Well No. A 454 Elevation 1222'
District Freemans Creek County Lewis
Quadrangle VADIS SE

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 Jan 11, 1973.
Robert H. Fidd
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Thomas
Buckhannon, W. Va. PH: 472-6418

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 see attached sheets 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) Bob Statkus
Well Operator
Manager - Land, Lease and R/W
Box 1479
Street
Clarksburg,
City or Town
West Virginia, 26301
State

Address
of
Well Operator

*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.

BLANKET BOND

Lew - 1853 PERMIT NUMBER
(RE-ISSUED AS: LEWIS-1871)
(9-11-72)

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 Burtner-Morgan-Stephens NAME Allegheny Land and Mineral Co.
 ADDRESS _____ ADDRESS Box 1479, Clarksburg, W. Va. 26301
 TELEPHONE _____ TELEPHONE 624-7659
 ESTIMATED DEPTH OF COMPLETED WELL: 7250' 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 <u>13 3/8"</u>	400'	400'	cement to surface
9 - 5/8	1800'	1800'	cement to surface
8 - 5/8			
7			
5 1/2			cement to 100' above
4 1/2	7250'	7250'	the Oriskany sand
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

100' and possibly 650' from old records

APPROXIMATE FRESH WATER DEPTHS _____ FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS This location is below the workable coal beds in this area/
 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