

- 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.
 Farm GEO. R. LYON HRS.
 Tract _____ Acres 109 Lease No. _____
 Well (Farm) No. _____ Serial No. A-209
 Elevation (Spirit Level) 1219' VA.
 Quadrangle CENTERPOINT - NE 3
 County DODDRIDGE District M'CLELLAN
 Engineer Jamund Jeffries
 Engineer's Registration No. 1084
 File No. 206/80 Drawing No. _____
 Date 5-1-63 Scale 1" = 500'

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

WELL LOCATION MAP

FILE NO. DOD-972-DRILL DEEPER
 9-14-64

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Centerpoint

Permit No. Dod-972 D

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Allegheny Land & Mineral Company
Address Clarksburg, W.Va.
Farm George R. Lyons Hrs. Acres 104
Location (waters) _____
Well No. A-209 Elev. 1219
District McClellan County Doddridge
The surface of tract is owned in fee by Truman Gore
Address Clarksburg, W.Va.
Mineral rights are owned by Geo. R. Lyons Hrs.
Address Clarksburg, W.Va.
Drilling commenced Sept. 10, 1964
Drilling completed Sept. 24, 1964
Date Shot _____ From _____ To _____
With _____
Open Flow 44/10ths Water in _____ 2" Inch
_____/10ths Merc. in _____ Inch
Volume 280,000 Cu. Ft.
Rock Pressure 625 lbs. 12 hrs.
Oil None bbls., 1st 24 hrs.
WELL ACIDIZED _____

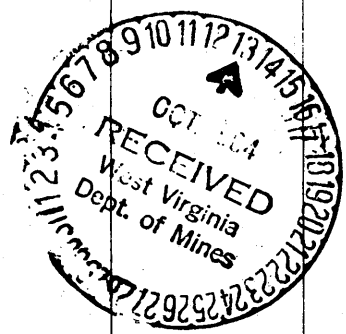
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16.			
13.			
10.			Size of
8 3/4.			
6 3/4.	<u>1450'</u>		Depth set
5 3/4.	<u>2280'</u>	<u>2280'</u>	
3.			Perf. top <u>2181</u>
2.			Perf. bottom <u>2188</u>
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 4 1/2" SIZE 2280 No. Ft. 9-25-64 Date
70 Cement 4 Aquajel 15 Baroid
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED October 2, 1964

RESULT AFTER TREATMENT 31/10 Water 4" 934 MCF
ROCK PRESSURE AFTER TREATMENT 600# 24 hr.
Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Started drilling deeper at			1240				
Dunkard			1194	1280			
Slate			1280	1305	<u>4 1/2"</u> casing perforated:		
Sand			1305	1400			2181 to 2188 -- 21 shots
Slate			1400	1465			
Sand			1465	1485			
Slate & shells			1485	1560			
Sand			1560	1615			
Slate & shells			1615	1685			
Sand			1685	1705			
Slate			1705	1760			
Lime			1760	1785			
Sand			1785	1798			
Slate			1798	1825			
Slate			1825	1910			
Sand			1910	1960			
Black slate			1960	2006			
Red Rock			2006	2010			
Broken Sand			2010	2017			
Red Rock			2017	2024			
Slate			2024	2060			
Lime			2060	2080			
Slate			2080	2084			
Pencil Cave			2084	2090			
Big Lime			2090	2183			
ljun			2183	2250	Gas		
Slate			2250	2280			
Total depth				2280		<u>2180-2190</u>	<u>44/10 W 2"</u> <u>280 M</u>





STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 9

WELL RECORD

Permit No. Dod-972

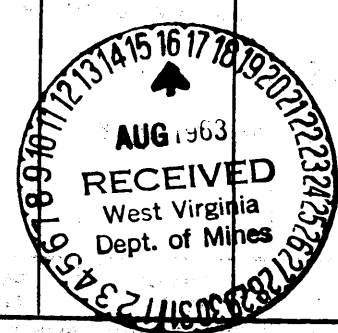
Oil or Gas Well Gas

Company Allegheny Land & Mineral Co.
Address Clarksburg, W.Va.
Farm Geo. R. Lyons Heirs Acres 104
Location (waters) _____
Well No. A-209 Elev. 1219
District McClellan County Doddridge
The surface of tract is owned in fee by Truman Gore,
Address Clarksburg, W.Va.
Mineral rights are owned by Geo R. Lyons Heirs
Address Clarksburg, W.V.
Drilling commenced May 13, 1963
Drilling completed June 1, 1963
Date Shot _____ From _____ To _____
With _____
Open Flow 72/10ths Water in _____ 2 Inch
_____/10ths Merc. in _____ Inch
Volume 358,000 Cu. Ft.
Rock Pressure None taken lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	14'	14'	Kind of Packer
13			
10	496'	496'	Size of
8 1/2	861'	861'	
6 1/2			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 814 FEET to 826 INCHES
____ FEET _____ INCHES FEET _____ INCHES
____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	14			
Lime			14	48			
Slate			48	68			
Red Rock			68	104			
Slate & shells			104	165			
Red Rock			165	188			
Slate			188	245			
Sand			245	256			
Red Rock			256	282			
Slate			282	325			
Sand			325	360			
Slate			360	402			
Red Rock			402	415			
Slate			415	432			
Coal formation			432	435			
Slate & shells			435	488			Coal mixed with slate
Sand			488	537			
Slate			537	585			
Lime			585	637			
Slate & shells			637	655			
Lime			655	673			
Slate & shells			673	760			
Sand			760	782			
Slate & shells			782	790			
Sand			790	802			
Slate			802	814			
Coal			814	826			
Slate			826	920	12' Coal		
Sand			920	940			
Slate & shells			940	964			
Red Rock			964	984			
Lime			984	989			
Slate			989	1000			
Red Rock			1000	1010			
Slate			1010	1029			
Red Rock			1029	1082			
Slate			1082	1145			
Pink Rock			1145	1160			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
slate		9	1160	1183			
black slate			1183	1194			
Lunkard Sand			1194		Gas	1215-1240	72/10 water
Total depth				1240			2" 358 M
shut down at 1240 in Lunkard sand and has been feeding since 6-4-63							

Date August 15, 1963

APPROVED Allegheny Land & Mineral Co., Owner

By Clarence Dawson, Allegheny, W. Va.