

New Location.....
 Drill Deeper.....
 Abandonment.....

Elev. ref: - B.M. at Little Pittsburgh = 780'
 Error in Closure: - Less than 1' in 200'

PENNSYLVANIA
 Company **MURPHY OIL CO. OF PENNSYLVANIA, INC.**
 Address 5/4 Mr. E. C. Anderson, apt. Shirley, West Va.
 Farm W. B. Allen
 Tract _____ Acres 334 Lease No. _____
 Well (Farm) No. Eleven Serial No. _____
 Elevation (Spirit Level) 808.9
 Quadrangle Centerspoint
 County Doddridge District McClellan
 Engineer Wesbrey
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date February 27, 1967 Scale 1" = 800'

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

WELL LOCATION MAP
 FILE NO. DOD - 1443

+ 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 2

Rotary
Spudder
Cable Tools
Storage

Quadrangle Centerpoint

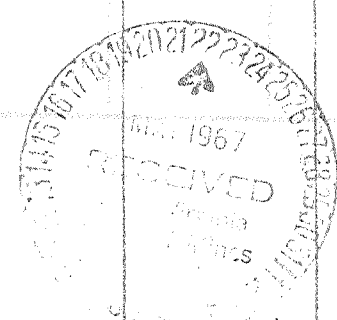
Permit No. DOD-1443

WELL RECORD

Oil or Gas Well Oil
(KIND)

Company Murphy Oil Company of Pennsylvania Casing and Tubing _____ Used in Drilling _____ Left in Well _____ Packers _____
 Address 123 S. Broad St.; Philadelphia, Penna. _____
 Farm W. B. Allen Acres 334 19109 Size _____
 Location (waters) _____ 508.9-OK-Kla 16. _____ Kind of Packer None
 Well No. 11 Elev. 862 GL 13. _____
 District McClellen County Doddridge 10. _____ Size of _____
 The surface of tract is owned in fee by A. Underwood 8-5/8" 108 108 _____
 Address West Union, W. Va. 6% _____ Depth set _____
 Mineral rights are owned by W. B. Allen 5 3/16 _____
 Address West Union, W. Va. 4 1/2 _____ 2086 2086 _____
 Drilling commenced 3-9-67 3 _____ Perf. top _____
 Drilling completed 3-17-67 2 _____ Perf. bottom _____
 Date Shot -- From -- To -- Liners Used None _____ Perf. top _____
 With _____ Perf. bottom _____
 Open Flow /10ths Water in -- Inch _____ Attach copy of cementing record. 8-5/8" - 108' - 50 sax
/10ths Merc. in -- Inch _____ CASING CEMENTED 4-1/2" SIZE 2086 XXXX 168 sax 50%
 Volume -- Cu. Ft. _____ Amount of cement used (bags) _____
 Rock Pressure -- lbs. -- hrs. Name of Service Co. Dowell
 Oil -- bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT None FEET - INCHES - FEET - INCHES
 WELL ACIDIZED (DETAILS) _____ FEET - INCHES - FEET - INCHES
 _____ FEET - INCHES - FEET - INCHES
 WELL FRACTURED (DETAILS) 52,000 lbs. sand; 752 bbls. water
 RESULT AFTER TREATMENT (Initial open flow or bbls.) 50 B/D
 ROCK PRESSURE AFTER TREATMENT 560 PSI HOURS -
 Fresh Water - Feet - Salt Water - Feet -
 Producing Sand Keener Depth 1934-1956'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand	Green	Hard	0	38			
Shale & Shells	Gray	Soft	38	115			
Shale	Gray	Soft	115	250			
Sand	White	Med.	250	260			
Shale & Shells	Gray	Med.	260	450			
Shale	Blue	Soft	450	585			
Lime	Gray	Med.	585	600			
Shale	Gray	Med.	600	670			
Shale & Red Rock	Red & Gray	Med.	670	860			
Shale	Gray	Med.	860	1010			
Sand	White	Hard	1010	1050			
Sand	White	Med.	1050	1080			
Shale	Gray	Med.	1080	1175			
Shale	Dark Gray	Med.	1175	1255			
Sand	White	Hard	1255	1310			
Shale	Black	Med.	1310	1405			
Sand	Gray	Hard	1405	1530			
Shale	Dark Gray	Med.	1530	1671			
Sand	Lt. Gray	Med.	1671	1710			
Shale	Black	Med.	1710	1800			
Sand	Gray	Hard	1800	1809			
Lime	Gray	Hard	1809	1830			



Formation	Color	Hard or Soft	Top 2	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	White	Hard	1830	1861	Show of oil	1830-1856	
Lime	Gray	Hard	1861	1873			
Lime	Gray	Med.	1873	1933			
Sand (Keener)	White	Soft	1933	2065	Show of oil	1830-1950	
Shale	Gray	Med.	2065	2090		2000-2018	

1861
809

1052

Handwritten scribble

Cl. 1873
1250

623

Date May, 10, 1967

APPROVED Murphy Oil Company, PA. Owner

By *R. C. Anderson*
(Title)