

New Location NOTE:
 Drill Deeper Porter Maxwell Mrs. % Robert Holland, Atty. West Union.
 Abandonment W. Va. own in Fee.

Company MURPHY OIL CO. OF PENNA.
 Address 304 COURT ST. WEST UNION, W. VA.
 Farm PORTER MAXWELL MRS.
 Tract _____ Acres 1400 Lease No. _____
 Well (Farm) No. 45-A Serial No. _____
 Elevation (Spirit Level) 1109'
 Quadrangle VADIS - NW
 County DODDRIDGE District NEW MILTON
 Engineer John W. Hamilton
 Engineer's Registration No. 2274
 File No. _____ Drawing No. _____
 Date AUG. 19, 1961 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. DOD-628

+ 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

Quadrangle Vadio

Permit No. DOD- 628

WELL RECORD

Oil or Gas Well Oil & Gas
(KIND)

Company Murphy Oil Company of Pennsylvania
Address Phil. Pa. & West Union, West Va.
Farm Porter Maxwell Acres 1400
Location (waters) Lick Run
Well No. 45-A Elev. 1109'
District New Milton County Boadridge
The surface of tract is owned in fee by R.L. Holland
West Union, Address West Va.
Mineral rights are owned by Haymond Maxwell, et al
Clarksburg, Address West Va.
Drilling commenced November 10, 1961
Drilling completed January 15, 1962
Date Shot _____ From _____ To _____
With No shots
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 58,000 Cu. Ft.
Rock Pressure 325 lbs. 12 hrs.
Oil Show bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>411'</u>	<u>0</u>	Size of
8 1/4	<u>107 1/2'</u>	<u>0</u>	
6 3/4	<u>1918'</u>	<u>1918'</u>	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 7" SIZE 400' No. 12/29/61 Date
30-D. Cement & 5-D. Aquagel-Garaton Ser.
No coal Occurs
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED Rivortrac- Dowell Chemical Co.
January 16, 1962

RESULT AFTER TREATMENT 2 Million

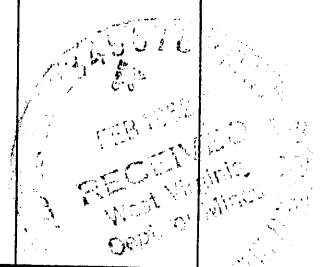
ROCK PRESSURE AFTER TREATMENT 425# - 24 hrs.

Fresh Water _____ Feet Salt Water _____ Feet

Diamond Coring-By Di Kor
Jan. 5-9/1962

Core Analysis Report 1/15/62
Gulf Field Research, Inc.

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil			0	5'			
Slate			5'	38			
Lime			38	45			
Sand			45	52			
Red Rock			52	75			
Slate			75	84			
Red Rock			84	100			
Slate			100	110			
Red Rock			110	134			
Slate			134	139			
Lime			139	143			
Sand			143	175			
Slate			175	185			
Red Rock			185	190			
Lime			190	195			
Slate			195	202			
Sand			202	227			
Red Rock			227	250			
Slate			250	266			
Red Rock			266	277			
Slate			277	287			
Lime		Hard	287	302			
Red Rock		Broken	302	320			
Lime			320	342			
Red Rock			342	370			
Slate			370	380			
Sand			380	408			
Lime			408	418			
Slate		Shells	418	447			



Formation	Color	Hard or Soft	Top ²	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			447'	455'			
Slate			445	475			
Sand			475	495			
Lime		Hard &	495	505			
slate		Gritty	505	529			
Lime		Hard	529	546			
Slate		Shells	546	570			
Sand			570	590			
Slate		Shells	590	625			
Lime		Broken	625	640			
Slate			640	650			
Pink Rock			650	685			
Sand			685	702			
Slate			702	710			
Pink Rock			710	740			
Slate			740	766			
Lime		Gritty	766	776			
Slate			776	784			
Red Rock			784	812			
Slate			812	815			
Sand			815	838			
Slate		Shells	838	875			
Lime			875	884			
Slate			884	900			
Pink Rock			900	930			
Lime		Hard-Gritty	930	945			
Sand		Hard	945	960			
Slate			960	982			
Lime		Hard-Gritty	982	990			
Sand		"	990	1005			
Slate	Black	Black	1005	1068			
Sand		Hard	1068	1075			
Lime			1075	1086			
Pink Rock			1086	1094			
Lime		Hard	1094	1115			
Slate			1115	1117			
Sand		Hard	1117	1126			
Slate		Shells	1226	1146			
Sand			1146	1220			
Slate			1220	1236			
Sand			1236	1247			
Slate		Shells	1247	1300			
Sand			1300	1314			
Slate			1314	1325			
Sand			1325	1335			
Slate		Shells	1335	1358			
Sand			1358	1430	Water	1380-82	5-Bbls. Hr.
Slate		Shells	1430	1580			
Sand			1580	1680	Gas	1643-45	
Slate			1680	1718			
Lime		Hard-Gr.	1718	1738			
Slate		Shells	1738	1782			
Lime			1782	1805			
Slate			1805	1823			
Pink Rock			1823	1825			
Lime		Hard	1825	1855			
Lime		Broken	1855	1860			
Sand		Hard	1860	1882	Show-Oil		
Lime			1882	1887			
Pencil Cave			1887	1888			
Big Lime			1888	1938			
Big Injun Sand			1938	2022	Gas & Oil	1983-2023	
Shale			2023	2040			
Filled back to-				2023			

Core-1941-2030

January 30, 1962

Date _____, 19__

Murphy Oil Company of Pa.

APPROVED _____, Owner

By James P. Dioplane, Dist. Supt.
(Title)