

New Location NOTE:
 Drill Deeper Porter Maxwell Hrs. % 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 HRS.
Tract	Acres 1400 Lease No.
Well (Farm) No.	44-A Serial No.
Elevation (Spirit Level)	963'
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-627

+ 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 7

Quadrangle Veele

WELL RECORD

Permit No. DOP-627

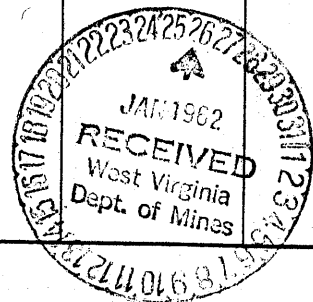
Oil or Gas Well Oil & Gas
(Kind)

Company <u>Murphy Oil Company of Pennsylvania</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Philadelphia, Pa. & West Union, W. Va.</u>				
Farm <u>Porter Maxwell</u> Acres <u>14.00</u>				
Location (waters) <u>Lick Run</u>	Size			
Well No. <u>44A</u> Elev. <u>963'</u>	16			Kind of Packer
District <u>New Wilton</u> County <u>Hodder</u>	13	<u>42 10"</u>	<u>42 10"</u>	
The surface of tract is owned in fee by <u>R. B. Holland</u>	10	<u>267'</u>	<u>0</u>	Size of
<u>West Union, West Va.</u> Address <u>West Va.</u>	8 1/4	<u>882'</u>	<u>0</u>	
Mineral rights are owned by <u>Porter Maxwell, Heirs</u>	6 1/2	<u>1672'</u>	<u>1672'</u>	Depth set
<u>Raymond Maxwell, Heirs</u> Address <u>Clarkeburg, W. Va.</u>	5 3/16	<u>807'</u>	<u>807'</u>	
Drilling commenced <u>Sept. 7, 1961</u>	3			Perf. top <u>Cordon</u>
Drilling completed <u>Oct. 25, 1961</u>	2 Tubing	<u>2390'</u>	<u>2390'</u>	Perf. bottom <u>Heza</u>
Date Shot From To	Liners Used		<u>40' Anchor</u>	Perf. top <u>Injun</u>
With <u>No shot</u>	<u>5 1/2"</u>	<u>807'</u>	<u>807'</u>	Perf. bottom
Open Flow /10ths Water in Inch	CASING CEMENTED <u>20' Cement & 5' Sausage</u> No. <u>10/3/61</u> Date			
/10ths Merc. in Inch	" <u>5 1/2"</u> <u>807'</u> Liner <u>600'</u> <u>11/3/61</u>			
Volume <u>40,000</u> Cu. Ft.	COAL WAS ENCOUNTERED <u>By Sutton Service</u> INCHES			
Rock Pressure <u>60%</u> lbs. <u>12 hrs.</u> hrs.	<u>No coal</u> FEET INCHES FEET INCHES			
Oil <u>1 bbl.</u> bbls., 1st 24 hrs.	FEET INCHES FEET INCHES			
WELL ACIDIZED <u>w/ free</u>				

WELL FRACTURED 11/10/61-Dewell Riverfrac-56,000 gal.
cleaned out to 2430' Run/ tubing & install Jack pump. Jan. 25, 1962 First Pumping
 RESULT AFTER TREATMENT scrubbed off 200 bbls. oil during clean out.
 ROCK PRESSURE AFTER TREATMENT 120% -- 300,000 Cu. ft. Gas, Oil 10 bbl. per day
 Fresh Water No Feet Salt Water Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top soil			0	5'			
Slate			5	30			
Sand			30	35	Water		
Shale			35	40			
Lime		Hard	40	48			
Sand			48	55			
Slate			55	60			
Lime			60	67			
Pink Rock	Pink		67	77			
Sand			77	87	Water		
Red Rock	Red		87	100			
Sand			100	118			
Red Rock			118	143			
Slate			143	155			
Sand			155	165			
Slate			165	195			
Sand			195	215			
Lime			215	225			
Slate			225	229			
Red Rock			229	248			
Slate		Shells	248	285			
Lime		Broken	285	294			
Slate			294	310			
Lime		Hard	310	328			
Slate			328	352			
Lime		Critty	352	367			
Slate			367	380			
Lime			380	385			
Slate		Shells	385	443			
Red Rock			443	463			

(over)



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			463	475			
Lime		Gritty	475	485			
Pink Rock	Pink		485	510			
Lime		Gritty	510	520			
Slate			520	535			
Red Rock	Red		535	549			
Sand		Hard	549	565			
Pink Rock			565	600			
Slate			600	628			
Sand			628	640			
Slate			640	658			
Lime			658	673			
Pink Rock			673	695			
Slate			695	715			
Pink Rock			715	725			
Slate			725	759			
Pink Rock			759	769			
Lime		Hard	769	773			
Slate			773	782			
Sand			782	792			
Slate			792	805			
Sand			805	828			
Slate	Black		828	860			
Lime		Hard	860	862			
Lime		Broken	862	872			
Pink Rock			872	879			
Sand			879	883			
Lime			883	910			
Sand		Hard	910	920			
Slate		Shells	920	950			
Sand			950	1008			
Slate	Black	Black	1008	1015			
Slate	White	Shells	1015	1021			
Lime			1021	1035			
Sand			1035	1043			
Slate	Black		1043	1090			
Lime			1090	1100			
Slate	Black		1100	1136			
Sand			1136	1220	Water		
Slate	Black		1220	1292			
Sand		Hard	1292	1302			
Slate		Shells	1302	1359			
Sand			1359	1420	S.Oil		
Slate	Black		1420	1430			
Sand			1430	1460			
Slate	Black		1460	1467			
Sand			1467	1472			
Slate		Shells	1472	1530			
Lime		Gritty	1530	1548			
Slate	Black	Black	1548	1565			
Lime		Broken	1565	1575			
Pink Rock			1575	1605			
Slate		Shells	1605	1622			
Lime		Hard	1622	1645			
Sand			1645	1665	S.Oil		
Break			1665	1666			
Big Line			1666	1727			
Koener			1727	1764	Gas		
Break			1764	1768			
Injun			1768	1805	Gas		
Slate		Shells	1805	1851			
Lime		Gritty	1851	1870			
Slate		Shells	1870	1897			
Sand			1897	1907			
Slate		Shells	1907	1920			
Sand			1920	1930			
Slate			1930	1952			

Date January 25, 1962, 19__

APPROVED Murphy Oil Company of Pa., Owner

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Woir							
Sand			1952	2072	Oil		
Slate			2072	2160			
Berea							
Sand			- 2160	2174			
Limo		Broken Shells	2174	2220		S. Oil	
Slate			2220	2365			
Gordon-Stray			2365	2371			Oil
Gordon Zone							
Slate Break			2371	2381			
Gordon Sand			2381	2388			
Slate			2388	2404		Oil-Gas	
Slate			2404	2484			
Slate			2484	2528			
5th							
Sand			2528	2532			
Slate			2532	2602		Gas	

Prod-627

Porter Newell-44A

(over)

7A