

Latitude 39° 15'

Longitude 80° 40'

New Location
 Drill Deeper NOTE:
 Abandonment Porter Maxwell Hrs. own in Fee.

Company MURPHY OIL CO. OF PENNA.
 Address 304 COURT ST. WEST UNION, W. VA.
 Farm PORTER MAXWELL
 Tract _____ Acres 1400 Lease No. _____
 Well (Farm) No. 43-A Serial No. _____
 Elevation (Spirit Level) 1143'
 Quadrangle VADIS NW
 County DODDRIDGE District NEW MILTON
 Engineer JOHN W. HAMILTON
 Engineer's Registration No. 2274
 File No. _____ Drawing No. _____
 Date JAN. 15, 1961 Scale 1" = 50 POLES

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

WELL LOCATION MAP
 FILE NO. DOD-522

+ 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.

6-0 99



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Vadis

WELL RECORD

Permit No. DOD-522

Oil or Gas Well Gas
(KIND)

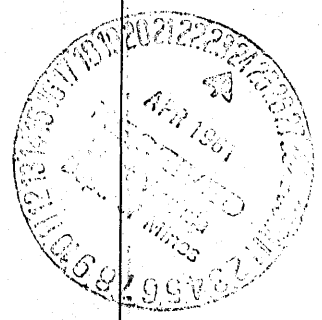
Company Murphy Oil Company of Pennsylvania
Address West Union, West Virginia
Farm Porter Maxwell Acres 1400
Location (waters) Lick Run
Well No. 43A Elev. 1143'
District New Milton County Doddridge
The surface of tract is owned in fee by R.L. Holland Address West Union, W. Va.
Mineral rights are owned by Porter Maxwell, Heirs
Raymond Maxwell, Atty. Address Clarksburg, W. Va.
Drilling commenced January-1961
Drilling completed March-1961
Date Shot _____ From _____ To _____
With Drilling contractors - G.D. Perkins
Pennsboro, West Virginia
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 150,000 cu. ft. 24 hrs. Cu. Ft.
Rock Pressure 650# lbs. 12 hrs.
Oil NONE bbls., 1st 24 hrs.
WELL ACIDIZED NO 100 gal. mud acid w/frag.
Riverspac-3/13/61 By-Dowell
WELL FRACTURED Yes

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	Conductor	12'	
13			
10	408'		Size of
8 3/4	1123'		
6 3/4	1947'	1947'	Depth set
5 3/16			
8			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 7" 20 3/8" 210' No. Ft. 3/7/61 Date
Larkin-Float Collar-Cameron Service, Inc.
3-C 600 Centralizers cement job.
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

RESULT AFTER TREATMENT 4-million cu. ft. (R.N.O Test)
ROCK PRESSURE AFTER TREATMENT 700#
Fresh Water NONE Feet _____ Salt Water NONE Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top soil			5	10			
B. Clay			10	35			
Sand			35	43			
Pink Rock			43	75			
Sand			75	85	Water		
Red Rock			85	95			
Slate			95	102			
Red Rock			102	120			
Slate			120	125			
Red Rock			125	135			
Slate			135	145			
Sand			145	160	Water		
Red Rock			160	173			
Slate-Shells			173	180			
Sand		Hard	180	220			
Red Rock			220	235			
Slate & Shells			235	260			
Sand			260	270			
Red Rock			270	275			
Lime	Pink	Hard	275	305			
Red Rock			305	320			
Slate			320	330			
Pink Rock	Pink		330	350			
Sand			350	405	Water		
Slate			405	425			
Sand			425	440			
Slate			440	455			
Red Rock	Red		455	460			



Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
Limo			460	485			
Red Rock			485	495			
Limo		Hard	495	510			
Slate			510	520			
Limo		Hard	520	535			
slab & shells			535	635			
Sand			635	655			
Slate			655	665			
Pink Rock			665	740			
Sand		Hard	740	770			
Limo		Hard	770	790			
Red Rock			790	800			
Limo			800	810			
Slate			810	850			
Limo			850	860			
Sand			860	880			
Pink Rock			880	895			
Sand			895	920			
Limo		gritty	920	930			
Slate			930	950			
Pink Rock			950	970			
Slate			970	982			
Pink Rock			982	992			
Limo		Gritty	992	1002			
Sand			1002	1020			
Limo			1020	1025			
Slate	Black	Gritty	1025	1035			
Limo Sand		G. & Hard	1035	1050			
Sand		Hard	1050	1065			
Slate			1065	1080			
Pink Rock			1080	1088			
Limo			1088	1100			
Slate			1100	1115			
Sand			1115	1127			
Slate	White		1127	1155			
Sand		Hard	1155	1195			
Slate	Black		1195	1205			
Sand			1205	1290			
Slate			1290	1305			
Limo			1305	1330			
Slate	Black		1330	1365			
Sand			1365	1447			
Slate			1447	1480			
Limo		Gritty	1480	1500			
Slate	Black		1500	1505			
Limo		Hard	1505	1520			
Sand			1520	1535	Gas	1525	
Slate			1535	1585			
Limo		Hard &	1585	1630			
Sand		Gritty	1630	1652	Gas	1640-45	
Slate & Shells			1652	1685			
Limo		Hard & G.	1685	1720			
Slate			1720	1725			
Limo		Gritty	1725	1735			
Slate	Black		1735	1755			
Limo			1755	1760			
Slate			1760	1795			
Limo		Hard	1795	1810			
Slate			1810	1817			
Limo	Black	Hard	1817	1860			
Sand		Hard	1860	1885	Gas	1881-1883	
Big Limo			1885	1950			
Big Injun			1950	2020	Gas	1973-2007	
Slate			2010	2030			
Plugged-filled back to 2008' & cemented.							

Date April 15, 1961, 19__

APPROVED Murphy Oil Company of Pa., Owner

By James P. Droppelman, Supt.
(Title)