



Dry in Oriskany
 Good shows in shales

ADD
 12/40

W - 2.83
 S - 2.27
 7 C (J-4)

New Location
 Drill Deeper
 Abandonment

See Vol. XVI, p. 589

Company OWENS LIBBEY-OWENS GAS DEPT.
 Address BOX 1375 CHARLESTON, W. VA.
 Farm MARY E. BALLARD ET AL
 Tract _____ Acres 250 Lease No. 1541
 Well (Farm) No. ONE Serial No. 581
 Elevation (Spirit Level) 639.2
 Quadrangle ST. ALBANS - SE
 County KANAWHA District WASHINGTON
 Engineer _____
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date AUG. 26 1940 Scale 1"=1000'

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

WELL LOCATION MAP
 FILE NO. KAN-737

+ 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.

Samples 3-G (1494-4676) 3-0 277 Deep Well

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

864

WELL RECORD

Permit No. KAN-737

Oil or Gas Well DRY HOLE
(Kind)

Company <u>THE OWENS, LIBBEY-OWENS GAS DEPARTMENT</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>P. O. BOX 1375, CHARLESTON, W. VA.</u>	Size			
Farm <u>Mary E. Ballard et al</u> Acres <u>250</u>	16			Kind of Packer.....
Location (waters) <u>Crooked Creek</u>	13			Size of.....
Well No. <u>581</u> Elev. <u>639.2'</u>	10	<u>39'</u>		Depth set.....
District <u>Washington</u> County <u>Kanawha</u>	8 1/4	<u>1522'</u>		Perf. top.....
The surface of tract is owned in fee by <u>Mary E. Ballard et al</u>	6 5/8			Perf. bottom.....
Address <u>Alum Creek, W. Va.</u>	5 3/16			Perf. top.....
Mineral rights are owned by <u>Same</u>	3			Perf. bottom.....
Address.....	2			
Drilling commenced <u>September 18th, 1940</u>	Liners Used.....			
Drilling completed <u>12/21/1940 - 02/27/41</u>				
Date shot..... Depth of shot.....				
Open Flow /10ths Water in..... Inch				
/10ths Merc. in..... Inch				
Volume..... Cu. Ft.	CASING CEMENTED <u>576</u>	SIZE.....	No. FT.....	Date.....
Rock Pressure..... lbs..... hrs.				
Oil..... bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT..... FEET..... INCHES			
Fresh water..... feet..... feet FEET..... INCHES..... FEET..... INCHES			
Salt water..... feet..... feet FEET..... INCHES..... FEET..... INCHES			

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Surface Gravel			0	15			
Clay	light	soft	15	25			
Gravel	yellow	soft	25	40			
Sand	dark	hard	40	67			
Slate	white	soft	67	75			
Sand	white	soft	75	85			
Slate	gray	soft	85	109	Fresh Water	105'	Hole full
Sand	white	med.	109	230			
Slate	gray	soft	230	235			
Sand	white	soft	235	255			
Slate	dark	soft	255	270			
Sand	dark	hard	270	275			
Sand	white	soft	275	351			
Slate	white	soft	351	356			
Coal	black	soft	356	359			
Slate	dark	med.	359	394			
Coal	dark	soft	394	399			
Slate	blue	soft	399	404			
Sand	white	soft	404	413			
Slate	white	soft	413	473			
Slate	black	soft	473	480			
Sand	light	soft	480	487			
Slate	dark	soft	487	520			
Sand	gray	soft	520	535			
Slate & Shells	dark	soft	535	618			
Slate	dark	soft	618	695			
Slate	light	med.	695	746			
Sand	light	hard	746	756			
Slate	dark	soft	756	795			
Shells	white	hard	795	805			
Slate	dark	soft	805	810			
Salt Sand	white	hard	810	1122			
Salt Sand	dark	hard	1122	1157			
Salt Sand	white	hard	1157	1243			
Salt Sand	dark	hard	1243	1275			
Salt Sand	white	hard	1275	1363			
Red Rock	red	soft	1363	1373			
Schell	dark	hard	1373	1380			
Slate	white	hard	1380	1396			
Schell	dark	hard	1396	1405			
Slate	dark	soft	1405	1416			
Slate & Shells	light	med.	1416	1449			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	dark	soft	1449	1477			
Lime	dark	hard	1477	1505			
Pencil Cave	light	soft	1505	1507			
Big Lime	white	hard	1507	1522			
Big Lime	white	hard	1522	1598			
Big Lime	yellow	hard	1598	1685			
Big Lime	white	hard	1685	1707			
Injun Sand	red	soft	1707	1747			
Slate	gray	soft	1747	1796			
Slate	white	soft	1796	1845			
Lime	dark	hard	1845	1872			
Shells	dark	hard	1872	1899			
Slate	dark	soft	1899	1912			
Slate	light	soft	1912	2051			
Slate & Shells	light	soft	2051	2125			
Slate & Shells	dark	med.	2125	2152			
Shale	brown	soft	2152	2184			
Serea Sand	gray	hard	2184	2201			
Slate	light	soft	2201	2213			
Slate & Shells	light	med.	2213	2238			
Shell	dark	hard	2238	2243			
Shell	gray	hard	2243	2253			
Slate & Shells	gray	med.	2253	2408			
Slate	gray	soft	2408	2423			
Shell	dark	hard	2423	2438			
Slate & Shells	light	med.	2438	2514			
Slate & Shells	dark	hard	2514	2526			
Slate & Shells	light	soft	2526	2666			
Slate	light	soft	2666	2721			
Slate & Shells	gray	soft	2721	2791			
Slate	light	soft	2791	2929	Gas	2925-2935'	Show
Slate	dark	soft	2929	3025			
Lime Shell	dark	hard	3025	3040			
Slate	white	soft	3040	3063			
Slate & Shells	dark	soft	3063	3155			
Slate	light	soft	3155	3203			
Slate & Shells	light	soft	3203	3330			
Slate & Shells	dark	soft	3330	3396			
Shell	dark	hard	3396	3406			
Shale	brown	soft	3406	3436			
Shale	dark	med.	3436	3456			
Shell	dark	hard	3456	3462			
Shale	brown	soft	3462	3489			
Slate & Shells	white	soft	3489	3526			
Shell	dark	hard	3526	3536			
Slate & Shells	dark	med.	3536	3610			
Shale	dark	soft	3610	3847	Gas	3806'	9,000 CF
					"	3822'	30,000 CF
Shale	white	soft	3847	3977			
Slate	white	soft	3977	4290			
Shale	brown	soft	4290	4305			
Shale	white	soft	4305	4349			
Shale	dark	soft	4349	4471			
Shale	white	soft	4471	4486	4548	4642	4655
Shale	brown	soft	4486	4548	639	639	639
Corniferous Lime	light	hard	4548	4575	390.9	4003	4016
Corniferous Lime	dark	hard	4575	4615			
Corniferous Lime	light	hard	4615	4642			
Oriskany Sand horizon	light	hard	4642	4650			
Corniferous Lime	gray	hard	4650	4653			
Oriskany Sand	gray	hard	4653	4655			
Lime	gray	hard	4655	4676			
Total depth				4676			

Date December 16th, 1940

APPROVED THE OWENS, LIBBEY-OWENS GAS DEPT., Owner

By *A. P. Fisher* Geologist
(Title)