

- New Location.
- Drill Deeper.
- Redrill
- Abandonment

Company OWENS, LIBBEY-OWENS GAS DEPT.
 Address BOX 4168 CHARLESTON W. VA.
 Farm O. J. SPURLOCK
 Tract _____ Acres 533 Lease No. 2584
 Well (Farm) No. 6 Serial No. 1153
 Elevation (Spirit Level) 865.44
 Quadrangle WAYNE NW
 County WAYNE District UNION (6)
 Engineer T. S. F. J. J. J.
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date OCT. 30, 1961 Scale 1" = 300 FT.

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

WELL LOCATION MAP
 FILE NO. WAY-1394

— 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 Whites Creek - Gragston (1929) Deep Well



Completed 7-27-62

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Wayne

Permit No. Way-1394

WELL RECORD

Oil or Gas Well DRY
(KIND)

Company OWENS, LIBREY-OWENS GAS DEPARTMENT
Address P. O. Box 4168, Charleston 4, W. Va.
Farm O. J. Spurlock Acres 533
Location (waters) _____
Well No. 6 (Serial No. 1153) Elev. 865.44'
District Union County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by O. J. Spurlock
Box 9027 Address Huntington, W. Va.
Drilling commenced 3-21-62
Drilling completed 6-6-62
Date Shot 6-14-62 From 3880 To 3900
6-19-62 From 3880 To 3900'
With (1st) 200 lbs. Gelatin
(2nd) 1,100 lbs. Herkomite
Open Flow _____/10ths Water in _____ Inch
_____/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10 <u>3/4"</u>	<u>372'4"</u>	<u>372'4"</u>	Size of _____
<u>8 1/2 5/8"</u>	<u>1326'10"</u>	<u>Pulled</u>	Depth set _____
<u>8 1/2 7"</u>	<u>2160'3"</u>	<u>2160'3"</u>	
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

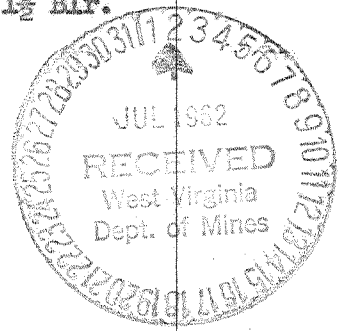
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT None FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water 360' 520' Feet Salt Water 995' Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface	Dark	Soft	0	25			
Sand	Dark	Soft	25	65			
Slate	Dark	Med.	65	80			
Red Rock	Red	Med.	80	85			
Slate	Blue	Med.	85	143			
Broken Sand	Light	Med.	143	288			
Slate	Dark	Soft	288	355	Water 360'	1/2 Blr.	
Broken Sand	Light	Med.	355	372			
Sand	Light	Med.	372	400			
Slate	Grey	Med.	400	466			
Sand	White	Med.	466	505			
Slate	Light	Soft	505	510			
Sand	White	Med.	510	575	Water 520'	1 1/2 Blr.	
Slate	Dark	Soft	575	595			
Sand	Dark	Med.	595	610			
Slate	Dark	Soft	610	620			
Sand	Light	Med.	620	670			
Slate	Dark	Med.	670	707			
Broken Sand	Dark	Soft	707	863			
Sand	Light	Med.	863	890			
Broken Sand	Dark	Med.	890	926			
Sand	Dark	Med.	926	940			
Slate	Dark	Soft	940	975			
Sand	Dark	Med.	975	1158	Water 995'	Hole Full	Settling sand 995 - 1015'
Slate	Dark	Med.	1158	1167			
Sand	Light	Hard	1167	1203			
Slate	Light	Med.	1203	1222			
Sand	Light	Hard	1222	1236			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Dark	Soft	1236	1249			
Slate	Dark	Soft	1249	1256			
Red Rock	Red	Soft	1256	1262			
Slate	Dark	Soft	1262	1285			
Little Lime	Dark	Hard	1285	1303			
Big Lime	White	Hard	1303	1313			
Break	Light	Med.	1313	1318			
Big Lime	White	Hard	1318	1418			
Big Lime	White	Hard	1418	1470			
Big Injun	Grey	Med.	1470	1640	Show gas	1530'	1.89 M
Shells	Dark	Med.	1640	1654			
Slate	Dark	Soft	1654	2032			
Shell	Dark	Hard	2032	2065			
Slate	Dark	Med.	2065	2080			
Coffee Shale	Brown	Med.	2080	2088			
Coffee Shale	Brown	Soft	2088	2111			
Berea Grit	Grey	Hard	2111	2127	Gas 2116'		2.4 MCF
					Test 2124'		1.8 MCF
Slate	Grey	Med.	2127	2145			
Lime	Blue	Med.	2145	2156			
Shell	Black	Hard	2156	2170			
Slate	Dark	Med.	2170	2176			
Shell	Grey	Hard	2176	2203			
Slate	Grey	Med.	2203	2204			
Slate	Grey	Med.	2202	2214			
Br. Shale	Brown	Med.	2214	2309			
Slate	Grey	Med.	2309	2400			
Shale	Grey	Med.	2400	2455			
Br. Shale	Brown	Med.	2455	2737			
Br. Shale	Brown	Med.	2737	2955			
Slate	White	Med.	2955	3145			
Shale	Brown	Med.	3145	3195			
Corn. Lime	Dark	Hard	3195	3210			
Corn. Lime	Dark	Hard	3210	3434			
Corn. Lime	Dark	Hard	3434	3678			
Corn. Lime	Dark	Hard	3678	3875			
Big Six Sand	Grey	Hard	3875	3883	Gas 3889'		4.4 MCF
Big Six Sand	Dark	Hard	3883	3929	Gas 3894'		4.9 MCF
					Gas 3900'		5.4 MCF
Broken Sand	Grey	Med.	3929	3933			
Sand	Grey	Hard	3933	3945			
Slate	Grey	Med.	3945	3952			
Red Rock	Red	Med.	3952	3965			
Total Depth 3965'					6-11-62 Schlumberger logged well. Gamma-gamma, temperature and induction logs made. Gas tested 3.4 MCF Filled hole back to 3900'		
					6-14-62 Test Before Shot: 3.3 MCF Well shot with 200 lbs. Gelatin from 3880 to 3900'. Shot tamped with 40' pea gravel. 2 hr. time bomb vent off at 11:55 A.M. Tamp belw out after shot. Test 15 Min. 86 MCF " 6 Hrs. 16.7 MCF		
					6-15-62 Test 6:00 P.M. (30 hrs.) 11.4 MCF		
					6-19-62 Test 115 Hrs. A.S. 6.9 MCF King Powder Co. shot well with 1 lbs. Hercules gas well powder A 2880 to 3000'. Used 75' nap		

Date June 29, 1962

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

By A. H. Smith (Title) Land, Engrg. & Ge.