

Latitude 38° 20'

Longitude 82° 25'

D. WHITT-SURE

GEORGE M. BURGESS ETAL

TR. #30-33A.

TR. #36-284A.

*2584
O. J. SPURLOCK
533A.

SERIAL #1034
ELEV. 723.48

TR. #7-243A.

TR. #8-36A.

PAUL BOOTH

str. in 6' good

LENA MEADE

TR. #6-50¹²³/100A.

Learning Co. in R.C.

Large Rock

5.46-S

~~5.56-S~~

3.14-W
3.08-W

- New Location
- Drill Deeper
- Redrill
- Abandonment

Permit issued Oct 25, 1966

BK 115P35

Company OWENS, LIBBEY-OWENS GAS DEPT.

Address BOX 4168 CHARLESTON 4, W. VA.

Farm O. J. SPURLOCK

Tract Acres 533 Lease No. 2584

Well (Farm) No. 2 Serial No. 1034

Elevation (Spirit Level) 723.48

Quadrangle GUYANDOT - SW

County WAYNE District UNION

Engineer T. S. FLOURNOY

Engineer's Registration No. 269

File No. Drawing No.

Date APRIL 24, 1959 Scale 1" = 500 FT

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

WELL LOCATION MAP

FILE NO. WAY-1184

-- 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.

16-6-228

DEEP WELL



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 24

Quadrangle Guyandot

Permit No. Way-1184

WELL RECORD

Oil or Gas Well Gas

Company Owens, Libbey-Owens Gas Department
Address P. O. Box 4168, Charleston 4, W. Va.
Farm O. J. Spurlock Acres 533
Location (waters) Garrett Creek
Well No. 2 (Serial No. 1034) Elev. 723.48
District Union County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by O. J. Spurlock
P. O. Box 9027 Address Huntington, W. Va.
Drilling commenced 5/14/59
Drilling completed 8/6/59 3749 3815
Date Shot 8/6, 8/14/59 From 3751 To 3818
With 400# Hercules Gel., & 3833-1/3# Trojan powder

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			3x5x16
16			Larkin Upside-down;
18			Kind of Packer <u>B & H</u>
10 3/4	280'8"	280'8"	Anchor; Screw
8 1/2 5/8	1257'10"	Pulled	Anchor
8 1/2 7	2091'9"	2091'9"	Size of <u>5 1/2 x 8 x 16</u> ;
8 1/2 1/2	3474'9"	3474'9"	<u>5 1/2 x 8 x 16</u>
8 1/2	----	3762'11"	Depth set <u>3471-74</u> ;
2			<u>3316-20</u>
Liners Used			Perf. top <u>3663</u>
			Perf. bottom <u>3763</u>
			Perf. top _____
			Perf. bottom _____

Open Flow /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 219 MCF Big Six Sand _____ Cu. Ft.
Rock Pressure 860 lbs. 25 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 135, 580 feet _____ feet
Salt water 1545, 3335 feet _____ feet

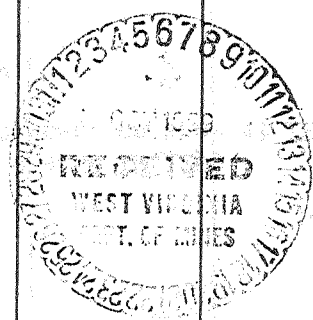
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 378 FEET 36 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface	red	soft	0	12			
Slate	red	soft	12	36			
Slate	white	soft	36	122			
Sand	dark	medium	122	137			
Slate	white	soft	137	199			
Sand	grey	soft	199	240			
Slate	white	soft	240	280			
Sand	white	medium	280	342			
Slate	white	soft	342	362			
Sand	white	soft	362	378			
Coal	black	soft	378	381			
Sand	dark	soft	381	400			
Sand	grey	soft	400	440			
Slate	white	soft	440	461			
Sand	white	soft	461	511			
Slate	dark	soft	511	521			
Sand	white	soft	521	531			
Slate	dark	soft	531	547			
Sand, Bro.	dark	soft	547	562			
Sand	grey	soft	562	632			
Slate	dark	soft	632	778			
Sand	dark	medium	778	792			
Sand	white	medium	792	840			
Slate	white	soft	840	867			
Slate	dark	soft	867	900			
Slate	white	soft	900	918			
Sand	white	medium	918	1021			
Slate	white	soft	1021	1055			
Lime	grey	hard	1055	1088			
Slate	dark	soft	1088	1116			
Lime	light	hard	1116	1132			
Sand	white	hard	1132	1142			
Slate	dark	soft	1142	1160			
Sand	white	soft	1160	1169			
Slate	dark	soft	1169	1181			

Water at 135, 1 1/2 BPH

Water at 580, hole full

3122
723
2399



Formation	Color	Hard or Soft	Top 24	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red rock	red	soft	1181	1192			
Slate	dark	soft	1192	1214			
Lime	grey	hard	1214	1231			
Lime	white	hard	1231	1239			
Slate	white	soft	1239	1242			
Big Lime	white	medium	1242	1259			SIM 1259 = sand IM 1259
Big Lime	white	hard	1259	1263			Ran 8-5/8" csg. on shoe at 1259 6/4/59 Pipe okay
Big Lime	white	hard	1263	1404			
Big Injun	white	soft	1404	1416			
Big Injun	grey	soft	1416	1580			Water at 1545, 3/4 BPH
Sl. & shls.	dark	soft	1580	2020			
Coffee shale	brown	soft	2020	2040			
Berea	grey	hard	2040	2058			Oil show at 2048
Slate	dark	soft	2058	2060			
Lime, Bro.	dark	medium	2060	2082			
Sl. & shls.	dark	medium	2082	2084			
Shells	grey	hard	2084	2092			Ran 7" csg. at 2091'9" on shoe in 12' red mud.
Shells	grey	hard	2095	2104			
Slate	dark	soft	2104	2114			
Shells	grey	hard	2114	2125			
Sl. & shls.	grey	soft	2125	2160			
Br. shale	brown	soft	2160	2265			
Sl. & shls.	grey	soft	2265	2340			
Br. shale	brown	medium	2340	2353			
Shells	grey	hard	2353	2368			
Br. shale	brown	soft	2368	2399			
Br. shale	brown	soft	2399	2557			
Sl. & shls.	grey	soft	2557	2567			
Br. shale	brown	soft	2567	2907			
Sl. & shls.	grey	soft	2907	2966			
Sl. & shls.	white	soft	2966	3080			
Shale	dark	soft	3080	3122			SIM 3122 = sand IM 3123
Corn. Lime	grey	hard	3122	3227			
Corn. Lime	dark	hard	3227	3286			
Corn. Lime	grey	hard	3286	3318			
Corn. Lime	dark	hard	3318	3474			Water at 3335, 10 gal. per hour Gas 3474 173 cu. ft. 7/14/59 Ran 5-1/2" csg. to 3474'9". Set csg. on B. H. anchor pkr. set at 3471 to 3474 and a screw anchor pkr. set from 3316 to 3320. Before running csg., put in hole a mixture of 85 gal. Kontol and 170 gal. water = 255 gal.
Corn. lime	dark	hard	3474	3477			
Corn. Lime	dark	hard	3477	3545			
Corn. lime	dark	hard	3545	3620			Sulfur gas 3571 173 cu. ft.
Corn. lime	dark	hard	3620	3750			SIM 3750 = sand IM 3750 Gas 3763 122 cu. ft. Gas 3773 15.6 MCF Gas 3815 79 MCF
Big 6 sand	grey	hard	3809	3817			
Corn. Lime	dark	hard	3817	3835			
Big 6 sand	white	hard	3835	3836			SIM 3836 = sand IM 3838
		T. D.		3836			8/6/59 Shot well with 400# Hercules Gelatin from 3749 to 3815. Test B. S. 75 MCF 8/14/59 Shot 3833-1/3# Trojan Powder from 3751 to 3818. Test B. S. 183 MCF

Date October 2, 19 59

APPROVED Owens, Libbey-Owens Gas Department, Owner

By A. H. Smith
A. H. Smith, Mgr. (Title)
Land, Engr., & Geol.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 24 A

Quadrangle _____

WELL RECORD

Permit No. _____

Oil or Gas Well _____
(KIND)

Company Owens, Libbey-Owens Gas Department
 Address _____
 Farm O. J. Spurlock Acres _____
 Location (waters) _____
 Well No. 2 (Serial No. 1034) Elev. _____
 District _____ County _____
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced _____
 Drilling completed _____
 Date Shot _____ From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 1/2			Depth set _____
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 _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Continued					9/4/59 Installed 3 1/2" tbg. at 3763 with Larkin Upside-down packer. F. O. F. Big Six 219 MCF R. P. 860# 40 hrs.		

