

Company Cabot Oil & Gas of W. Va.
 Address Box 1473 Charleston W. Va.
 Farm George M. Burgess Etal
 Tract _____ Acres 450 Lease No. 2574
 Well (Farm) No. 3 Serial No. 1079
 Elevation (Spirit Level) 730.93
 Quadrangle Guyando #15, LAVALLETTE 7.5
 County Wayne District Union
 Engineer T.S. Flournoy
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date Apr. 23, 1959 Scale 1" = 500 Ft.

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

WELL LOCATION MAP
 FILE NO. WAY-1185-P

+ 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.

SEP 28 1987

47-099



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION **25**

Quadrangle Guyandot

WELL RECORD

Permit No. Way-1185

Oil or Gas Well Gas
(KIND)

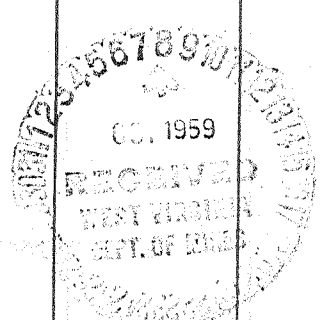
Company Owens, Libbey-Owens Gas Department
Address P. O. Box 4168, Charleston 4, W. Va.
Farm G. M. Burgess Acres 450
Location (waters) Lick Branch
Well No. 3 (Serial No. 1079) Elev. 730.93
District Union County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by G. M. Burgess
Address Wayne, W. Va.
Drilling commenced 5/6/59
Drilling completed 8/10/59 (1) & (2) 3877 3891
Date Shot 8/12, 17, & 9/1/59 From (3) 3881 To 3891
With 91-2/3# DuPont Gel., 766-2/3# Trojan pdr.,
3000# Trojan pdr.
Open Flow 3000# Trojans Water in _____ Inch
/10ths Merc. in _____ Inch
Volume Big Six Sand 259 MCF Cu. Ft.
Rock Pressure 1040# lbs. 48 hrs.
Oil -- bbls., 1st 24 hrs.
Fresh water 35,535, feet _____ feet
Salt water 1525, feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Parmaco B. H. & Kind of Packer
10-3/4	322'11"	322'11"	Larkin Upside-down
8-5/8	1302'2"	Pulled	Size of <u>5 1/2 x 6 1/4</u> , 3x5x16
7	2178	Pulled	Depth set <u>3540-43</u> , 3756-61 X
7	2180'11"	2180'11"	
5 1/2	3533'5"	Pulled	
5 1/2	3543	3543	Perf. top
3 1/2	----	3901'8"	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
Surface	yellow	soft	0	3			
Red clay	red	soft	3	27			
Slate	black	soft	27	54	Water at 35', 1 BPH		
Red rock	red	soft	54	79			
Slate	blue	soft	79	133			
Slate	blue	soft	133	150			
Bro. sand	black	soft	150	173			
Slate	black	soft	173	258			
Sand	black	soft	258	281			
Slate	black	soft	281	335			
Sand	white	soft	335	372			
Slate	black	soft	372	422			
Sand	white	soft	422	482			
Slate	black	soft	482	505			
Sand	white	soft	505	545	Water at 535, 1/2 BPH		
Slate	white	soft	545	589			
Slate	black	soft	589	616			
Sand	black	soft	616	650			
Slate	-	-	650	672			
Slate	black	soft	672	736			
Sand	black	soft	736	746			
Slate	black	soft	746	775			
Slate	white	soft	775	819			
Sand	white	soft	819	829			
Slate	black	soft	829	859			
Sand	white	soft	859	889			
Slate	black	soft	889	952			
Sand	white	soft	952	1067			
Slate	black	soft	1067	1130			
Sand	white	hard	1130	1177			
Sand	white	hard	1177	1220			
Slate	black	soft	1220	1257			
L. Lime	black	hard	1257	1288			
Slate	black	soft	1288	1291			
B. Lime	white	hard	1291	1301	SIM 1301 = sand IM 1298		



Formation	Color	Hard or Soft	Top ²⁵	Bottom	Oil, Gas or Water	Depth Found	Remarks
B. Lime	white	hard	1301	1327			
B. Lime	white	hard	1327	1441			
Big Injun	dark	soft	1441	1566	Water at 1525, 1 BPH'		
Sl. & shls.	dark	soft	1566	1611			
Sl. & shls.	white	soft	1611	1738			
Slate	dark	soft	1738	1870			
Sl. & shls.	dark	soft	1870	2009			
Slate	white	soft	2009	2067			
Br. shale	brown	soft	2067	2092			
Berea sand	white	hard	2092	2136	Oil show at 2115		
Slate	white	soft	2136	2174			
Shells	black	hard	2174	2184			
Shells	grey	hard	2179	2181			
Shells	grey	hard	2181	2183			
Slate	black	soft	2183	2226			
Br. shale	brown	soft	2226	2286			
Slate	white	soft	2286	2450			
Br. shale	brown	soft	2450	2955			
Slate	white	soft	2955	3149			
Br. shale	brown	soft	3149	3156			
Shells	black	hard	3156	3181			
Corn. lime	grey	hard	3181	3183			
Corn. lime	white	hard	3183	3344			
Corn. lime	black	hard	3344	3371			
Corn. lime	white	hard	3371	3390			
Corn. lime	black	hard	3390	3411			
Corn. lime	white	hard	3411	3441			
Corn. lime	black	hard	3441	3532			
							7/17/59 Ran 5½" csg. at 3532 on bottom hole packer with screw anchor packer set from 3348 to 3351. Before csg. was installed, a mixture of 75 gal. Kontol and 210 gal. water was placed in hole to neutralize action of sulfur water and sulfur gas.
							7/20/59 Water test after weekend, 9 gal. in 38 hrs.
							7/21/59 Water test 16 gal. in 32 hrs.
							7/22/59 Water test 7 gal. in 14½ hrs.
							7/24/59 Pulled 5½" csg. at 3533'5"
							7/28/59 Re-ran 5½" csg. at 3543 on B. H. pkr. (only one used).
Corn. lime	grey	hard	3532	3544			
Corn. lime	grey	hard	3544	3549			
Corn. lime	grey	hard	3549	3615			
Corn. lime	grey	hard	3615	3831			
Corn. lime	white	hard	3831	3868			
Corn. lime	grey	hard	3868	3871			
Big 6 Sand	white	hard	3871	3881	SIM 3881 = sand IM 3883		
Big 6 Sand	grey	hard	3881	3894	Gas 3881-3885 109 MCF		
Big 6 Sand	white	hard	3894	3911			
		T.D.	8/10/59	3911			Test 3911 103 MCF
							8/11/59 Pulled 8-5/8" csg.
							8/12 - 9/17/59 Shot Big Six Sand three times and cleaned out to 3899 feet.
							9/17/59 Installed 3½" tbg. at 3899 with Larkin Upside-down pkr.
							F.O.F. Big Six Sand 210 MCF.
							Well shut in 4:53 P.M.
							Use for official open flow 259 MCF based on settled volume 39th and 50th hours after temp out after 3rd shot.

Date October 5, 1959

APPROVED Owens, Libbey-Owens Gas Department, Owner

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

RECEIVED
DEC 07 1987

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

See Attached List

 Coal Operator or Owner

 Address

 Coal Operator or Owner

 Address
 C. W. Ferguson, III
 Lease or Property Owner
 P. O. Box 277, Wayne WV 25570

 Address

Cabot Oil and Gas Corporation of WV

 Name of Well Operator
 P. O. Box 1473, Charleston WV 25325

 Complete Address
 December 1 19 87

 WELL AND LOCATION
 Union _____ District _____
 Wayne _____ County _____

 WELL NO. _____ #3

_____ Farm
 G. M. Burgess

 Jerry Holcomb

STATE INSPECTOR SUPERVISING PLUGGING _____

AFFIDAVIT

STATE OF WEST VIRGINIA,
 County of Kanawha

ss:

Odie Tawney and C. E. McClure, Sr.

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Cabot Oil and Gas Corporation of WV, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 28th day of September, 19 87, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
3902' - 3525'	50-50 Poz Cement	5-1/2" Csg	2886	957
3525' - 3500'	6% Gel			
3500' - 2230'	6% Gel	7" Csg	2186	0
2230' - 2080'	Class "A" Cement			
2080' - 1625'	6% Gel	10-3/4" Csg	0	322'
1625' - 1425'	Class "A" Cement			
1425' - 435'	6% Gel			
435' - 310'	Class "A" Cement			
310' - 0'	Class "A" Cement			
		3-1/2" bridge plug @ 3750'		
		5-1/2" bridge plug @ 3500'		
		10-3/4" bridge plug @ 310'		
		<i>W. J. [Signature]</i> 12/16/87		
Coal Seams		Description of Monument		
(Name) None		Casing monument w/API #		
(Name)				
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 2nd day of October, 19 87.

And further deponents saith not.

Sworn to and subscribed before me this 2nd day of December, 19 87.
 _____ X
C. E. McClure
 _____ X
Odie Tawney

Lorene Miller
 Notary Public

DEC 21 1987

My commission expires:
March 5, 1989

Permit No. 47-099-1185-P