

New Location ..
 Drill Deeper
 Abandonment

Company	<u>BIG MARSH OIL CO.</u>
Address	<u>CHARLESTON, W. VA.</u>
Farm	<u>ROWLAND LAND CO.</u>
Tract	Acres <u>6000</u> Lease No. <u>1</u>
Well (Farm) No.	<u>25</u> Serial No. <u>BM-19</u>
Elevation (Spirit Level)	<u>1223.90'</u>
Quadrangle	<u>BALD KNOB NE</u>
County	<u>RALEIGH</u> District <u>MARSH FORK</u>
Engineer	<u>Seybert R. Ferrell</u>
Engineer's Registration No.	<u>2529</u>
File No.	<u>68-29</u> Drawing No. _____
Date	<u>2-20-62</u> Scale <u>1" = 800'</u>

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

WELL LOCATION MAP
 FILE NO. RAL-258

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 26

Quadrangle Bald Knob

Permit No. RAL-258

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company The Big Marsh Oil Company
Address P.O. Box 1273; Charleston 25, W. Va.
Farm Rowland Land Company #25 Acres 6,000
Location (waters) Birch Fork
Well No. BM-19 Elev. 1223.90
District Marsh Fork County Raleigh
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Rowland Land Company
Room 301; 1033 Quarrier St. Charleston, W. Va.
Drilling commenced 4-4-62
Drilling completed 6-26-62
Date Shot _____ From _____ To _____
With _____
Open Flow 32 /10ths Water in _____ Inch
2 /10ths Merc. in _____ Inch
Volume 880,000 - Weir Cu. Ft.
Rock Pressure 740 lbs. 72 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			
18 3/8		15'	
10 3/4	Cemented	351'	Size of
8 5/8	1625'	Pulled	
6 5/8			Depth set
5 3/16			
4 1/2	Cemented	2852'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

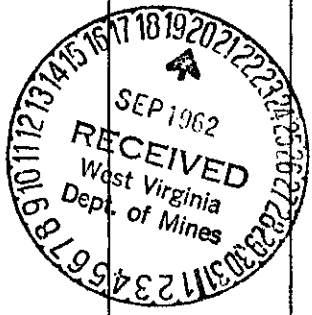
COAL WAS ENCOUNTERED AT 41 FEET 36 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water 50 Feet 648-652 Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Rock & Dirt			0	8	Hole full water	50'	
Slate			8	16			
Sand			16	41	Gas 521-523'	22/10 W 1" 49 M	
Coal			41	44			
Slate			44	50	Test 550-555'	6/10 W 1" 26 M	blew out
Sand			50	176			
Slate			176	190	Gas 618-619'	2/10 W 1" 15 M	
Sand			190	245			
Slate			245	360	Water 648-652'	1 bailer in 3 hours	
Sand			360	380			
Slate			380	418	Show gas 2 1/2"	2310-2318'	no gauge
Sand			418	438			
Slate & Shells			438	475	Perforated 4 1/2" casing at	2813-2802',	
Sand			475	530		2790-2783', 2757-2753', 2688-2669'	
Slate & Shells			530	562			
Sand			562	636			
Slate			636	648	Fractured Weir 7-3-62 with 40,000#		
Sand			648	757	20-40 sand, 488 bbls. water, 500		
Slate & Shells			757	775	gallons mud acid, 100# J-100 and		
Sand			775	834	300# J-84		
Slate & Shell Sand			834	885	Final open flow when shut in 32/10 Merc.		
Sand			885	1206	2" 880 M		
Slate & Shells			1206	1230			
Sand			1230	1252			
Slate			1252	1269	Shut in 7-23-62 in 4 1/2" casing.		
Sand			1269	1283			
Slate & Shells			1283	1470			
Hard Sand			1470	1519			
Slate & Shells			1519	1529			
Red Rock			1529	1533			



Formation	Color	Hard or Soft	Top 26	Bottom	Oil, Gas or Water	Depth Found	Remarks
Hard Lime			1533	1545	LOGS RUN: Gamma Ray G. G. Density Induction Temperature		
Slate & Shells			1545	1637			
Lime			1637	1685			
Red Rock			1685	1725			
Gritty Shells			1725	1736			
Sand			1736	1785			
Red Rock & Shells			1785	1830			
Slate & Shells			1830	1865			
Sand			1865	1892			
Slate & Shells			1892	1915			
Red Rock & Shells			1915	2032			
Lime			2032	2040			
Slate & Shells			2040	2100			
Maxon Sand			2100	2170			
Slate & Shells			2170	2180			
Big Lime		Gbr?	2180	2574			
Black Lime			2574	2604			
Injun Sand			2604	2632			
Weir Shells			2632	2685			
Weir Sand			2685	2735			
Slate & Shells			2735	2836			
Slate			2836	2852			
Total Depth			2852'				

Date September 19, 1962

APPROVED BIG MARSH OIL COMPANY, Owner

By S.R. Furry
(Title)

Supt., Civil Engineering Dept.