



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 10

Quadrangle Bald Knob

WELL RECORD

Permit No. RAI-263

Oil or Gas Well Oil Gas
(KIND)

Company Big Marsh Oil Company
Address P.O. Box 1273 Charleston 25, W.Va.
Farm Rowland Land Co. #26 Acres 6,000
Location (waters) Big Marsh Fork
Well No. BM-27 Elev. 1424.37'
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 July 4, 1963
Drilling completed Sept. 15, 1963
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
Volume 14 /10ths Merc. in 3 Inch
1,309 M Weir _____ Cu. Ft.
Rock Pressure 392 lbs. 48 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 3/8		18'	
10 3/4	893' Cemented	100 bags	Size of
8 1/2	5/8	1724	
6 1/2			Depth set
5 3/16			bags.
3 1/2	3103' Cemented with	80	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 258 FEET 48 INCHES
279 FEET 24 INCHES 428 FEET 48 INCHES
640 FEET 36 INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT _____
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water 366-370' Feet 640-648 Salt Water _____ Feet
1380-1385'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	20	Water	366-370'	1 bailer per hour
Sand			20	90			
Slate & Shells			90	150	Water	640-648'	1/2 bailer per hour
Sand			150	197			
Slate			197	230	Water	1380-1385'	1 bailer every 3 hrs.
Sand			230	258			
Coal			258	262	Gas	2910-2917'	6/10 W 2" 103 M
Slate			262	279	Gas	2917-2924'	20/10 W 2" 189 M
Coal			279	281	Gas	2924-2931'	64/10 W 2" 337 M
Slate			281	305			
Sand			305	350			
Slate			350	376			
Sand			376	420			
Slate			420	428			
Coal			428	432			
Slate			432	440			
Sand			440	505			
Gritty Lime			505	567			
Sand			567	596			
Gritty Lime			596	619			
Slate			619	640			
Coal			640	643			
Slate			643	647			
Sand			647	666			
Broken Sand			666	684			
Slate & Shells			684	820			
Sand			820	912			
Slate			912	917			
Sand			917	1138			
Slate & Shells			1138	1220			



LOGS RUN:
Gamma Ray
Density
Induction
CCL

Perforated at 2924', 2929', 2936-2941', 2951' and 3081-3083'
Test before fracture 16/10 W 2" 169 M
Fractured Weir 9-18-63 with 31,000# 10-20 sand, 800 bbls. sand laden fluid, 500 gallons mud acid, 150# J-100 and 500# J-84.
Final open flow after fracture 14/10 Merc. 3" 1,309 M
Shut in 9-20-63 in 3 1/2" tubing.

Formation	Color	Hard or Soft	Top 10	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1220	1351			
Slate			1351	1355			
Sand			1355	1380			
White Sand			1380	1385			
Sand			1385	1450			
Slate			1450	1455			
Sand			1455	1530			
Slate & Shells			1530	1569			
Sand			1569	1630			
Slate			1630	1636			
Sand			1636	1722			
Lime			1722	1782			
Sand			1782	1806			
Slate & Shells			1806	1812			
Sand			1812	1825			
Slate			1825	1838			
Lime			1838	1878			
Red Rock			1878	1881			
Slate			1881	1910			
Lime			1910	1943			
Slate			1943	1954			
Red Rock & Shells			1954	1980			
Lime			1980	2022			
Sand NY			2022	2037			
Red Rock & Shells			2037	2069			
Lime			2069	2130			
Slate & Shells			2130	2180			
Red Rock			2180	2222			
Pink Lime			2222	2255			
Red Rock			2255	2270			
Lime Shell			2270	2278			
Black Lime			2278	2320			
Red Rock			2320	2347			
Lime			2347	2383			
Slate			2383	2420			
Pencil Cave			2420	2426			
Big Lime			2426	2610			
Gray Injun Green			2610	2620			
Red Injun White			2620	2640			
Gray Injun Light Green			2640	2657			
Slate			2657	2675			
Lime Shell			2675	2682			
Weir Sand			2682	2975			
Weir Shells			2975	3004			
Weir Sand			3004	3045			
Slate			3045	3061			
Weir Sand			3061	3086			
Slate			3086	3137			
Total Depth			3137'				

Date November 5, 19 63

APPROVED BIG MARSH OIL COMPANY, Owner

By S.R. Ferrell
(Title)

Supt., Civil Engineering Dept.

81-00263P

WW-7
5-02



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 047-081-00263 P WELL NO.: BM-27
FARM NAME: Rowland Land Company
RESPONSIBLE PARTY NAME: New River Energy Corporation
COUNTY: Raleigh DISTRICT: Marsh Fork
QUADRANGLE: Whitesville 7.5'
SURFACE OWNER: Rowland Land Company, Ltd.
ROYALTY OWNER: Rowland Land Company, Ltd.
UTM GPS NORTHING: 4200418.54187
UTM GPS EASTING: 452701.01310 GPS ELEVATION: 429.869144

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) - meters.
- Accuracy to Datum - 3.05 meters
- Data Collection Method:
Survey grade GPS ____: Post Processed Differential ____
Real-Time Differential ____
Mapping Grade GPS XXX: Post Processed Differential XXX
Real-Time Differential ____

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

[Signature]
Signature
March 4, 03
Date

PRESIDENT - NEW RIVER ENERGY CORP
Title

375730 2.575
813000 2.126

FEB 28 2003

RAL 0263 P