

39° 15'
6-44



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

Rotary
Spudder
Cable Tools
Storage

WELL RECORD

Oil or Gas Well Gas E. NOLL (KIND)

Quadrangle Philippi
Permit No. Bar 491

Company Ray Brothers Corp.
Address 630 Commerce Sq. Charleston, W. Va.
Farm Elsie Malcomb Acres 77.4+14
Location (waters) Bar 239 Elev. 1665'
Well No. Bar 239
District Philippi County Barbour
The surface of tract is owned in fee by Elsie Malcomb
Address Philippi, W. Va.
Mineral rights are owned by Elsie Malcomb, et al
Address Philippi, W. Va.
Drilling commenced 8-27-69
Drilling completed 9-5-69
Date Shot From To

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	20 sks	22'	
10			Size of
8 3/4	100 sks	870'	
6 5/8			Depth set
5 3/16	250 sks	4080'	
4 1/2			
3	Riley	4 holes	Perf. top 3641-49'
2			Perf. bottom 3684-88'
Liners Used		5 holes	Perf. top 3735-40'
	Benson	14 holes	Perf. bottom 3976-81'

With Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.

Attach copy of cementing record.
CASING CEMENTED 4 1/2" SIZE 4080' No. Ft. Date
Amount of cement used (bags) 250 sks.
Name of Service Co. Haliburton Cementing Co.
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

WELL FRACTURED (DETAILS) Benson 500 gals. acid, 50,000 #20/40 sand, 1000 Bbls. water.
Riley 500 gals. acid, 50,000 # 20/40 sand, 1000 Bbls. water.
RESULT AFTER TREATMENT (Initial open Flow or bbls.) (400,000 CFD 400 MCF/GPD)
ROCK PRESSURE AFTER TREATMENT 1300 psi HOURS 24

Fresh Water Feet Salt Water Feet
Producing Sand Riley 3640-3760' # Benson 3976-81' Depth Benson 3964-4030'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	2			
Shale			2	21			
Sand & Shale			21	210			
Sand			210	740			
Shale & sand			740	1158			
Big Lime			1158	1376			
Shale & sand			1376	3640			
Riley			3640	3760	Gas		
Sand & Shale			3760	3964			
Benson			3964	4030	Gas		
Shale			4030	4093	TD		

FEB 16 1970