





STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

Rotary   
 Spudder   
 Cable Tools   
 Storage

Quadrangle Northtown

WELL RECORD

Permit No. 172-293

Oil or Gas Well Gas  
 (KIND)

Company Phillips Petroleum Company  
 Address Bartlesville, Oklahoma  
 Farm Smith #1 Acres 6.4  
 Location (waters) 35 in. N.W. of Smith #1  
 Well No. 3 Elev. 2177.2'  
 District Clinton County Monongalia  
 The surface of tract is owned in fee by J. Russell Smith  
 Agent 207 Exchange Bldg. Address Winona, Minnesota  
 Mineral rights are owned by Same as above

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	50'	12.72'	
13 3/8"	59'	12.72'	
10 9/16"	993.12'	979.47'	
8 1/2"	792.11'	791.91'	
6 5/8"			Depth set
5 3/16"			
4 1/2"			
3"			Perf. top <u>00</u> below
2"			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced April 29, 1966  
 Drilling completed May 31, 1966  
 Date Shot From To  
 With

Open Flow /10ths Water in          Inch  
 /10ths Merc. in          Inch  
 lume 4,530,000 Cu. Ft.  
 Rock Pressure          lbs. hrs.  
 Oil          bbls., 1st 24 hrs.

Attach copy of cementing record.  
 CASING CEMENTED 4 1/2" SIZE 7910.41' No. Ft. 5/27/66 Date  
 Amount of cement used (bags) 175 bags  
 Name of Service Co. Halliburton  
 COAL WAS ENCOUNTERED AT 66' FEET 2' INCHES

WELL ACIDIZED (DETAILS) 5/29/66 Halli. acid 5 bbls of          FEET          INCHES  
 started acid in          FEET          INCHES  
 starting press. 4,500 - down to          FEET          INCHES  
 WELL FRACTURED (DETAILS) 5/30/66 Halli. sand frac Oriskany & chert sand w/ 50,500' of 20-40 sand  
7,500' of 10-20 sand w/ 65,770 gal. of 3% col water w/ 40' of wt-5 per 1000 gal. mcf  
 RESULT AFTER TREATMENT (Initial open flow or bbls.) Four-point potential test, calculated open flow 4,530  
 ROCK PRESSURE AFTER TREATMENT          HOURS 144 hrs  
 Fresh Water 54' & 1240' Feet Salt Water          Feet  
 Producing Sand Onandaga chert & Oriskany sand Depth set'd to 8,400' - P.O.D. 7926'

FEET INCHES FEET INCHES  
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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Soil & Sand Rock			0'	50'	*PERFORMING RECORD:		
Sand			50'	106'	7686' to 7605' - 81.50" Dia. holes		
Lime < (Greenbrier ??)			106'	620'	7754' to 7734' - 20		
Sand			620'	993'	7760' to 7757' - 3		
Sand & shale			993'	1244'	7772' to 7766' - 6		
Sandy shale			1244'	1350'	7791' to 7783' - 8		
Sand			1350'	2105'	7809' to 7804' - 5 Do		
Shale			2105'	6950'	7830' to 7826' - 4		
Shale & lime			6950'	7200'	7832' to 7829' - 3		
Clay lime			7200'	7666'	7874' to 7879' - 5		
Onandaga lime			7666'	7679'	7894' to 7896' - 3		
Onandaga chert (Huntsville)			7679'	7865'	7913' to 7909' - 4		
Oriskany sand			7865'	7936'			
Melderberg lime			7936'	8000'			
PSTO			7926'				

Tulley 7200  
 Hamilton 7345  
 Marcellus 7570

