





Location 4.28 S. 37.25  
1.12 W. 81.10'

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 28

Rotary   
Spudger   
Cable Tools   
Storage

Quadrangle Bluefield

Permit No. MER-14

WELL RECORD

Oil or Gas Well Dry Hole  
(KIND)

Company Phillips Petroleum Company  
Address Drawer B, Bartlesville, Oklahoma  
Farm Wm. L. Wilson & Twila Wilson Acres 44.47

Location (waters) \_\_\_\_\_

Well No. Wilson "H" No. 1 RKB 2617

District Beaver Pond County Mercer Elev. DF 2615.6 Gr 2603.65

The surface of tract is owned in fee by Wm. L. Wilson & Twila Wilson, his wife. Address Elkton, West Virginia

Mineral rights are owned by Wm. L. Wilson & Twila Wilson, his wife. Address Elkton, West Virginia

Drilling commenced 7-31-1964

Drilling completed 11-23-1964

Date Shot See Attach. From \_\_\_\_\_ To \_\_\_\_\_

With \_\_\_\_\_

Open Flow /10ths Water in \_\_\_\_\_ Inch

/10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

WELL ACIDIZED See Attachment

WELL FRACTURED See Attachment

RESULT AFTER TREATMENT \_\_\_\_\_

ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_

Fresh Water \_\_\_\_\_ Feet

Salt Water \_\_\_\_\_ Feet

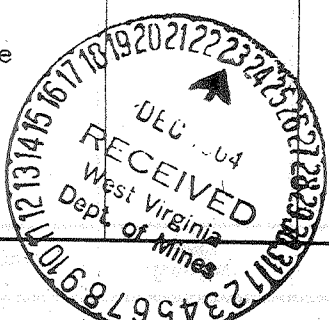
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
11-3/4"	393'	393'	Size of
8-5/8"	3019'	3019'	Depth set
4-1/2"	9136'	3162'	Perf. top
Over-All Measurements			
Perf. bottom			
Liners Used			
Perf. top			
Perf. bottom			

CASING CEMENTED 11-3/4" 393 8-11-64  
8-5/8" 3019 9-26-64 No. Ft. Date  
4-1/2" 9136 11-24-64

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Plugging Completed 12-23-64. Marker will be set as soon as rig is moved.

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil & Sand Rk			0	15			
Clay & Sd Strks			15	45			
Sandy Lime			45	86	Frsh Water	90'	Small Amt.
Lime & Shale			86	117			
Sand			117	174			
Sand & Shale			174	204			
Shale			204	238			
Shale & Sand			238	330			
Sand			330	350			
Sandy Shale			350	380			
Sand			380	382			
Sand & Shale			382	404			
Shale			404	410			
Sand			410	540	Frsh Water (Small Amt)	440'	11-3/4" Csg @ 404.85'. 290 Sx Reg. Cmt, 88 Sx Diacel D.
Sand, Shale & Red Rk			540	640	Frsh Water	710-720'	
Sandy Shale			640	916			
Lime			916	1260			
Shale & Lime			1260	1292			
Cmt, Sand & Shale			1292	1307			
Sand & Red Rock			512	595			
Cmt & Shale			595	609			
Sand Cmt & Shale			609	627	Plugged Back w/Cmt to 404'. Cmt Settled to 512'.		
Cement			627	648			
Red Rock & Shale			648	703			
Sandy Shale			703	730			
Shale			730	819			
Sand			819	875			
Sand & Shale			875	904			
Sandy Shale			904	968			
			968	1160			



(over)

Formation	Color	Hard or Soft	Top 28	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale & Lime			1160	1280			
Sand & Shale			1280	1395			
Shale			1395	1485			
Sandy Shale			1485	1957			
Shale			1957	2063			
Sandy Shale			2063	2145			
Shale			2145	2184			
Sandy Shale			2184	2227			
Shale			2227	2257			
Shale & Lime			2257	2325			
Shale			2325	2402			
Shale, Sd & Lime			2402	2441			
Shale & Lime			2441	2538			
Lime			2538	2770			
Shale & Lime			2770	2804			
Lime			2804	2897			
Lime & Shale			2897	2909			
Lime & Chert			2909	2942			
Shale & Lime			2942	3005			
Lime			3005	3014			
Lime & Shale			3014	3027			
Shale			3027	3070			
Sandy Shale			3070	3240			
Shale & Lime			3240	3405			
Sandy Shale			3405	3515			
Shale			3515	3663			
Shale & Lime			3663	4150			
Shale			4150	4435			
Shale & Lime			4435	5079			8495
Shale			5079	5170			8469
Shale & Lime			5170	5675			<u>26</u>
Shale & Shells			5675	5741			
Shale & Lime			5741	5805			
Shale			5805	5890			
Shale & Shells			5890	5949			
Lime & Shale			5949	6040			
Lime & Shells			6040	6112			8469
Shale			6112	6212			<u>2605</u>
Lime & Shale			6212	6358			5864
Shale			6358	6475			
Lime & Shale			6475	6550			
Shale & Sand			6550	6817			
Shale			6817	6930			
Sandy Shale			6930	7135	7753		
Shale			7135	7753	<u>2617</u>		
Lime & Chert			7753	7818			
Lime Onondaga			7818	7825	5736		8469
Sand Oriskany			7825	7980			<u>7825</u>
Sand & Lime			7980	8142			<u>649</u>
Lime	Held?		8142	8166			
Lime & Shale			8166	8191			
Lime			8191	8200			
Lime & Shale			8200	8245	7825		
Lime			8245	8270	<u>2617</u>		
Lime & Sand			8270	8295	5208		
Lime			8295	8320			
Lime & Sand			8320	8469			
Sand	Newburg		8469	8495			
Sandy Lime			8495	8504			
Sand	Keefe??		8504	8538			
Sand & Lime			8538	8582			
Lime			8582	8587			
Lime & Sand			8587	8607			
Lime			8607	8618			
Lime & Shale			8618	8632			
Lime			8632	8650			

Date December 23, 1964

APPROVED PHILLIPS PETROLEUM COMPANY, Owner

By A. T. Slagle  
A. T. Slagle (Title) Area Supt.

WELL RECORD - MER-14

WILSON "H" NO. 1

PERFORATIONS, FRACTURES, ACIDIZING.

- 11-30-64 McCullough perforated Tuscarora Sand 8980' to 8986' w/casing strip jet. Four 1/2" holes per ft. Total 6' - 24 holes.
- 12-1-64 Dowell pumped 500 gals. 15% mud acid dwn 1 1/2" tbg. Spotted acid across casing perforations from 8980' to 8986'.
- 12-3-64 Dowell pumped in 500 gals. 15% mud acid thru perforations 8980-8986' at 5100#. Sand fraced Tuscarora Sand w/10,000 gals. gelled water and 10,000# of 20-40 sand. Max. treating pressure 3600#, minimum 2900#.
- 12-9-64 McCullough perforated Tuscarora Sand from 8935' to 8974' w/four 1/2" jet holes per ft. Total of 39' - 156 holes
- 12-11-64 Dowell spearheaded 500 gals. 15% mud acid ahead of frac job. Sand fraced Tuscarora Sand w/19,000 gals. gelled water and 19,000# of 20-40 sand thru esg perforations from 8935' to 8974'. Pumped in twenty 1/2" perf. balls and 5,000 gals. of treatment. Pumped in 10,000 gals. treatment and injected 20 1/2" perf. balls. Pumped in 15,000 gals. treatment and injected 20 1/2" perf. balls. Flushed behind treatment w/145 bbls treating fluid. Max. treating pressure 4,000#, minimum 3400#.
- 12-14-64 McCullough perforated 4 1/2" casing in Tuscarora w/casing swing jet 8830', 8821', 8817', 8805', w/four 1/2" jet holes per ft. Total of 21' - 84 holes. Perforated from 8794', 8788', 8782', 8786' w/four 1/2" jet holes per ft. Total of 12' - 48 holes.
- 12-15-64 Dowell pumped 500 gals. 15% reg. acid dwn 4 1/2" esg. Followed by 137 bbls gelled water. Sand fraced Upper Tuscarora w/15,000 gals. gelled water and 15,000# 20-40 sand. Pumped in 5,000 gals. and dropped 20 1/2" perf. balls. Pumped in 4,000 gals. and dropped 20 1/2" perf. balls. Flushed behind frac w/137 bbls detergent water. Max. treating pressure 5100#, minimum 3900#.
- 12-18-64 McCullough perforated 4 1/2" casing in Oriskany w/casing strip jet gun 7796-7810' w/four 1/2" jet holes per ft. Total of 14' - 56 holes. McCullough perforated 4 1/2" esg in Onondaga from 7752' to 7768' w/four 1/2" jet holes per ft. Total of 16' - 64 holes.
- 12-19-64 Dowell pumped 500 gals. 15% mud acid dwn 4 1/2" esg followed w/114 bbls gelled wtr. Sand fraced thru esg perforations 7752-7768' and 7796-7810' at 1450#. Used 15,000# of 20-40 sand and 12,684 gals. gelled wtr. Pumped in 6,000 gals. treatment and injected 20 1/2" perf. balls. Max. pressure 2500#, minimum 1880#.

FORMATION: (Continued)

Lime & Shale	8650	8667	
Lime	8667	8676	
Lime & Shale	8676	8739	
Shale, Lime & Sand	8739	8750	
Shale & Lime	8750	8765	
Sand & Shale	8765	8778	
Shale & Lime	8778	8808	
Shale	8808	8841	
Sand Tuscarora	8841	9060	
Sand & Shale	9060	9070	Driller's Log
	Corrected to	9034	Electric Log
Sand	9034	9037	
Sand & Shale	9037	9059	Total Depth



4 1/2" Csg @ 9059'  
w/307 Sx Cmt,  
112 Sx Diacel D.  
Pmpd Plug to  
9024.50' PBTD.

5/9024  
2617  
6407