

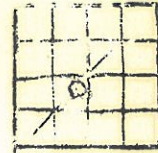
PENN WEST  
 Ralston-Wilson No. 1.

SEC. 36 T. 25 R. 4 E.  
 NE NE SW  
 200'S 530' W of Center.

County. Butler.

Total Depth. 2498  
 Comm. 4-21-34 Comp. 6-18-34  
 Shot or Treated. 1000 Gal Acid.  
 Contractor.,  
 Issued. 7-14-34.

CASING



10" 991' 53/16" liner at 2437'  
 8 1/2" 1565'  
 65/8" 2265'

Elevation.

Production. DRY

Figures Indicate Bottom of Formations.

clay red	10	lime	810	lime	2135
shale	40	shale	815	lime	2155
lime	85	lime	845	shale	2175
shale	95	lime	850	shale	2235
red rock	100	shale	865	lime	2245
shale	105	lime	875	shale hole cav.	2260
lime	115	shale	890	lime	2280
shale	120	shale	925	shale	2305
lime	125	lime	930	lime	2312
shale	130	shale	945	shale	2350
lime	150	shale	990	lime	2360
lime	155	lime	995	shale	2385
shale	160	shale	1000	shale	2394
lime	170	lime	1040	shale	2409
shale	175	shale	1098	lime	2418
red rock	180	lime	1135	sand & gr shale	2435
lime	200	shale	1150	sand & gr shale	2440
shale	205	lime	1180	chert	2462
lime	210	show gas 1160		Dol. lime	2498
shale	215	shale	1190	HFW T.D.	
lime	225	lime	1235		
lime	235	shale	1240	S.S.O. 2466-67	
shale	240	lime	1260	S.O. 2467-74	
lime	245	shale	1280	Tested Approximately	
shale	250	lime	1370	1/2 B. oil per day	2475
lime	270	1 BW 1310			
shale	280	shale	1400	Shot 5 qts	2468-73
lime	290	lime	1440	Shot 10 qts	2465-72
shale	330	shale	1445	no increase.	
lime	355	lime	1450	Acidized 1000 gal	
shale	365	shale	1455	while at 2475. no	
lime	370	lime	1480	increase after acid-	
shale	380	shale	1495	izing. First water	
lime 2 BW	395	lime	1500	at 2494-96. increased	
sdv shale	420	shale	1520	to a HFW at 2498	
lime	430	sdv lime HFW	1545		
shale	440	lime	1560		
lime	475	shale caving	1565	3 BW 395	
shale	480	shale	1575	1 BW 1310	
lime	485	lime	1585	HFW 1545	
shale	490	shale	1615	2 BWPHR 2060	
lime	495	lime	1625	HFW 2498	
shale	530	shale	1640		
lime	540	lime	1665		
shale	545	shale	1720		
red rock	550	lime	1740		
lime	580	lime	1755		
shale	585	shale	1760		
lime	595	lime	1855		
red rock	600	shale	1935		
shale	615	shale	1995		
lime	620	lime	2015		
shale	625	small sh oil 2012			
lime	630	lime	2030		
shale	650	lime	2060		
lime	655	2 BWPHR			
shale	660	lime	2080		
lime	665	lime	2095		
shale	745	shale	2100		
shale	780	lime	2115		