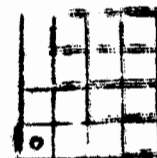


PHILLIPS PETROLEUM CO.
Joe Dopita No. 1.

SEC. 31 T. 8 R. 17W
CSW SW

Total Depth. 3419
Comm. 2-11-34 Comp. 7-25-34
Shot or Treated.
Contractor.
Issued. 8-25-34

County. Rocks



CASING.

15 1/2" 642' 8 1/4" 3057' SLM UR 3215'
133/8" 1308'
10" 2421'

Elevation

Production. 44 B. Oil
39 B.W.

Figures Indicate Bottom of Formations.

red rock	65	shale	2360	lime	3302
shale	455	shale	2375	shale red	3305
sand	465 HFW	HFW 2360-75		lime	3306
shale	505	lime	2390	lime oil	3310
sand water	560	shale	2400	lime SLM	3317
shale	575	lime	2415	lime	3381
red rock	580	shale	2430	red rock	3388
shale	600	red rock	2440	shale dark	3394
red rock	620	broken lime	2460	lime	3419
shale	635	shale	2475	TD.	
lime	640	broken lime	2560		
shale	645	lime	2570	oil from 3416-19	
red rock	650	shale	2600		
shale HFW	665	lime	2615		
sand	730	shale	2650		
shale	735	lime	2655		
sand	745	shale	2680		
shale	755	lime	2685		
sand	765	shale	2700		
shale	780	lime	2705		
sand	785	shale	2710		
lime and iron	795	lime	2735		
sand water	805	shale Hole caving	2750		
lime	810	lime	2810		
iron	815	shale	2825		
lime	825	lime	2830		
shale	835	shale	2865		
sand	905	lime	2875		
sand red	1250	shale	2890		
red rock	1280	lime	2935		
lime	1340	shale	2940		
red rock	1410	lime	3125		
red rock & shale	1440	shale	3135		
red rock	1535	S.O. 3100-05			
shale	1650	S.O. 3135-45			
salt	1760	lime	3145		
shale	1835	shale	3152		
lime shells	1880	3 BWPBR 3191-93			
shale	1890	lime	3200		
red rock	1905	shale and lime	3205		
lime	1930	lime white crystalline	3209 S.O.		
red rock	1960	lime white chert	3210		
lime	1980	lime grey	3213		
shale	1990	shale	3215		
red rock	2020	lime	3219		
lime	2120	lime & blk shale	3228 3 BWPH		
red rock	2135	lime	3237		
lime	2140	shale and lime	3244		
red rock	2175	lime hard	3245		
lime	2180	lime blk	3250		
shale	2183	lime white	3254 T.D.		
lime	2200	P.B. 3217 Pump 140' Oil 82 BW 1st 12 Hr.			
red rock	2220	DEEPENING RECORD.			
lime	2230				
red rock	2260				
lime	2275	Old T.D.	3217		
shale	2285	Comm. 8-1-34 Comp. 8-15-34			
red rock	2295	Prod. 178 B. in 24 Hr.			
lime	2300	lime blk 3217-	3275		
lime	2310	shale	3278		