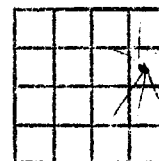


Total Depth. 6040
Comm. 4-7-53 Comp. 5-14-53
Shot or Treated.
Contractor. Helmerich & Payne
Issued. 10-17-53



CASING:

13 3/8" 584 cem. w/450 sx.
8 5/8" 2550 cem. w/600 sx.
5 1/2" 5875 cem. w/400 sx.

Elevation. 2508.6 ground

Production. 2,200,000 gas Nov 1966
Gruenewald
workover.
#1 RE. Adams
DIA
(ORL)

Figures indicate Bottom of Formations.

surface clay	41	lime, shale & some chert	5283
sand & clay	399	lime & shale	5349
sand, clay & red bed	608	lime & chert	5365
red bed & sand	1095	lime, shale & chert	5397
red bed & shells	1328	shale & lime	5455
red bed, shaley lime	1553	shale & lime shells	5588
shale & anhyd.	1582	lime & shale	5623
shale, gyp & anhyd.	1729	shale, lime shells, some coal	5677
shale & anhyd.	1914	shale & lime	5708
anhyd., shale & salt	2103	lime, pyrite & shale	5725
anhyd. & shale	2253	shale & lime	6040
anhyd., shale & salt	2314	Total Depth	
anhyd. & shale	2343		
shale & chalky lime	2353	Tops: Scout	
lime & shale	2360	Hollenberg	2450
shaley anhyd.	2405	Krider	2590
anhyd., lime & salt	2473	Winfield	2645
shale & anhyd.	2527	Upper Ft. Riley	2700
shale, anhyd., chert	2550	Lower Ft. Riley	2790
shale & lime	2560	Florence flint	2830
cherty lime	2593	Marmaton	5235
cherty lime & sand	2597	Cherokee	5390
lime, shale & chert	2680	Morrow	5708
lime, shale (some chert)	2735		
shale & lime	2754	Producing sands: 5717-25 & 5747-59	
shale, lime (some chert)	2773	Perforations: 5717-25 & 5747-59	
shale & lime	2781		
lime, shale & some chert	2883		
lime & shale	2890		
lime & shale (some chert)	2918		
lime & shale	2926		
lime, shale & some chert	2970		
lime & shale	2988		
lime	3014		
lime & shale	3735		
shale	4084		
lime & shale	4128	lime, shale & ch rt	4828
shale & lime shells	4137	cherty lime	4851
shale & lime	4206	chert & lime	4950
shale & some lime	4262	chalky lime & shale	5000
shale & lime	4371	porous lime	5023
cherty lime & shale	4386	lime	5035
lime	4394	lime & shale	5041
shale & lime	4556	lime, shale & some chert	5062
shale & cherty lime	4588	shale & lime	5091
chalky lime, shale & chert	4634	cherty lime & shale	5174
lime & shale	4672	shale & lime	5269
lime w/some chert & shale	4750		
lime, chert and shale	4804		
lime & shale	4806		