

WELL RECORD

Company Cities Service Oil Co. Well No. 1 Farm Gustafson
 Location 330' North and 330' East of W/4 Corner Sec. 36 T. 9 R. 22W
 Elevation 2340 (2338 Cr.) County Croghan State Kansas
 Drlg. Comm. February 6, 1949 Contractor Prime Drilling Company
 Drlg. Comp. February 18, 1949 Acid None
 T. D. 4035' Initial Prod. None - Dry Hole (F&A 2-19-49)

CASING RECORD:

8-5/8" 248' con. 175 ex con. & 2 ex C. C.

FORMATION RECORD:

clay & sand	0-100
shale & shells	210
shale	300
shale & shells	1050
sand & shale	1220
shale, shells & red bed	1370
sand & shale	1570
red bed & shale	1815
shale	1825
anhydrite	1865
shale & shells	1900
shale & lime	2615
lime & shale	2700
shale & shells	2815
shale & lime	2930
lime & shale	3205
lime	3580
lime & shale	3965
lime, chert & shale	4004
dolomite	4035 T. D.

Top Topoka	3345'
Top Lansing	3577'
Top Cherty Congl.	3947'
Top Simpson Shale	3997'
Top Arbuckle	4004'
Penetration	31'
Total Depth	4035'

SLOPE TEST (TORCO):

500'	3/4°
1000'	1/4°
1500'	1/2°
2000'	0°
2500'	1/2°
3000'	1/4°

7-7/8" rotary hole.

PLUGGING
 FILE SEC 36 T 9 R 22W
 BOOK PAGE 84 LINE 8

WELL LOG

COMPANY Cities Service Oil Co. WELL NO. 1 FARM Gustafson
 LOCATION 330' North & 330' East of W/4 Corner SEC. 36 TWP. 9 RGE. 22-W
 ELEVATION 2340 (2338 Cr.) COUNTY Graham STATE Kansas
 DRIG. COMM. February 6, 1949 CONTRACTOR Prime Drilling Company
 DRIG. COMP. February 18, 1949 ACID None
 T. D. 4035' INITIAL PROD. None - Dry Hole (P&A 2--19--49)

CASING RECORD:

8-5/8" @ 248' cem. 175 ax cem. & 2 sx C. C.

FORMATION RECORD:

Clay & Sand	0-100	Top Topeka	3345'
Shale & shells	210	Top Lansing	3577'
Shale	300	Top Cherty Congl.	3947'
Shale & shells	1050	Top Simpson Shale	3997'
Sand & Shale	1220	Top Arbuckle	4004'
Shale, Shells & Red Bed	1370	Penetration	31'
Sand & Shale	1570	Total Depth	4035'
Red Bed & Shale	1815		
Shale	1825		
Anhydrite	1865		
Shale & Shells	1900		
Shale & Lime	2615	SLOPE TEST (TOTCO):	
Lime & Shale	2700	500' 3/4°	
Shale & Shells	2815	1000' 1/4°	
Shale & Lime	2930	1500' 1/2°	
Lime & Shale	3205	2000' 0°	
Lime	3580	2500' 1/2°	
Lime & Shale	3965	3000' 1/4°	
Lime, Chert & Shale	4004'		
Dolomite	4035 T. D.		

7-7/8" rotary hole.