

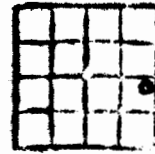
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Jm

CITIES SERVICE OIL CO.
 Rumsey No. 12.

SEC. 23 T. 11 R. 17W
 NEc SE
 330'S 330'W E $\frac{1}{4}$ Cor.

Total Depth. 3458'
 Comm. 7-31-39 Comp. 8-19-39
 Shot or Treated.
 Contractor. J.E.Mabee Co.
 Issued. 10-14-39 Rotary 3455SLM
 Cable 3455-58

County. Ellis



Elevation.

Production. Pot. 29,440 B. Echo
 (3500 Maximum)

Figures Indicate Bottom of Formations.

shale	125
shale & shells	432
sand & shale	475
shale & shells	710
shale & sand	990
shale	1004
red bed	1190
lime	1240
shale	1245
shale & shells	1520
salt	1625
shale & shells	1790
shale & lime	1899
lime brkn	2010
lime	2045
lime brkn	2170
lime	2195
sand & shale	2225
shale & shells	2260
lime & shale	2438
lime	2460
shale & shells	2800
lime brkn	2947
lime	3035
lime & chert	3053
lime	3240
SIM Corr. 3240-3238	
lime	3367
lime brkn	3413
lime	3442
shale green	3456
lime Arbuckle	3457
Top Arbuckle 3456	
T.D. rotary 3457	
3457 rotary measurement equals 3455 SLM	
Corr. Top Arbuckle 3454	
lime	3455-3458
Total Depth.	

Corrected Top Arbuckle 3454

~~Penetration Arbuckle 4'~~
 Fillup: 1600' Oil 40 min.
 2450' Oil 1H.20Min.
 2800' Oil 1H.50Min.
 2950' Oil 2H.50Min.