

WELL LOG BUREAU-- KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company - CITIES SERVICE OIL COMPANY
Farm - Bowman No. 1

SEC. 22 T. 20S R. 15W
CNW SE
660' S and 660' E of
Center
County. Barton

Total Depth. 3750'
Comm. 11/19/47 Comp. 12/3/47
Shot or Treated. 5500 gals. acid
Contractor. Corbett & Barbour Drilling Co.
Issued. 9/4/48

KANSAS



CASING: 8 5/8" @ 940' cem. w/500 sax
5 1/2" @ 3750' cem. w/200 sax

Elevation. _____

Production. Ind. Cap. 2,375
M.C.F. Gas

Figures Indicate Bottom of Formations.

surface clay & sand	90	Set retainer at 3640 and squeezed with 50 sacks cement.
shale & shells	150	
sand & shale	290	
shale & shells	345	Drilled cement to 3692 S.L.M.
sand	465	Perforate 35 shots 3680-86.
shale, shells & red bed	545	1/8/48 Acidized 500 gallons 3680-86.
red bed & shale	690	1/12/48 Flowed 7 oil, 29 water, 24 hours through 1/2" choke.
red bed & shells	720	Set retainer 3644 and squeezed with 50 sacks cement, 40 sacks through perfs at 3200#. Drilled cement to 3693 S.L.M.
shale, shells & red bed	845	Perforate 70 shots 3651-65.
shells & red bed	910	1/20/48 Acidized 1000 gallons 3651-65.
red bed	935	1/23/48 Flowed 40 oil, 101 water, 24 hours thru 1/2" choke; 946 M.C.F. gas.
anhydrite	968	Drilled cement and plug to 3712 S.L.M.
red bed, shale & shells	1040	Perforate 12 shots 3700-04.
shale & shells	1745	Perforate 12 shots 3707-11.
lime & shale	2040	Set retainer at 3643 and squeezed with 100 sacks cement; 33 sacks through perfs at 3200#. Drilled cement to 3695 S.L.M.
lime	2125	Perforate 45 shots 3666-77.
lime & shale	2215	2/4/48 Acidized 500 gallons 3666-77.
lime	2325	Perforate 57 shots 3652-66.
shale & lime	2350	2/8/48 Acidized 1500 gallons 3652-77.
lime & shale	2470	
shale	2565	
shale & shells	2655	
lime & shale	2740	
lime	2820	
lime & shale	2995	
lime	3630	
shale & lime	3651	
lime	3750	

3750 Rotary Total Depth = 3750 SIM

Tops:

Lansing	3353
Conglomerate	3625
Simpson	3633
Arbuckle	3651

Drilled cement to 3724 S.L.M.
Perforate 6 shots 3713-15.
400' water with good show oil in 20 minutes.
1220' water with good show oil in 1 hour 20 minutes.
2460' water in 8 hours, 20 minutes.

Set Lane Wells plug at 3708 and dumped 1/2 sack cement on plug; top of cement 3706 S.L.M. Perf. 5/3698-3700; 930' fluid in 40 minutes. Set retainer at 3690 and squeezed with 50 sacks cement; 9 sacks through perforations at 2600#. Drilled cement to 3693 S.L.M.

Perforate 141 shots 3651-87.
12/24/47 acidized 2000 gallons 3651-87.
12/30/47 Flowed 145 oil, 219 water, 14 hours through 1" choke; 2,500 M.C.F. gas.
12/31/47 Flowed 9 oil, 31 water, 24 hours through 9/32" choke.