

18-31-17W

KANSAS GEOLOGICAL SOCIETY
KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU
KANSAS GEOLOGICAL SOCIETY BUILDING
508 EAST MURDOCK - WICHITA, KANSAS

COMPANY **CITIES SERVICE**

SEC. 18. 31 R. 17W

FARM **Neilson**

NO. "A"1

LOC. C NE SW

1980' FS & WL

COUNTY **Comanche**

TOTAL DEPTH **5468'**

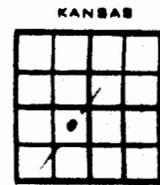
COMM. **9-17-67**

COMP. **10-17-67**

SHOT OR TREATED

CONTRACTOR **Garvey Drilling**

ISSUED **10-5-68**



CASING

20	10		
15	8	5/8" 511'	cem w/ 275 sx
12	6		
13	5		

ELEVATION **2080' KB**

PRODUCTION **DRY/VIOLA**

FIGURES INDICATE BOTTOM OF FORMATIONS

Casing Record:

8-5/8" OD 8-V Thd, LW csg. @ 511'.
 Cemented w/200 sx Pozmix & 75 sx. common

Formation Record:

Sand	0-140'	
Red Bed & shale	980	
Anhydrite	990	
Shale & shells	1950	
Shale & lime	2335	
Lime	2875	
Lime & shale	3800	
Shale	3860	
Lime & shale	4010	
Shale	4090	
Lime & shale	4429	
Lime	4926	
Lime & shale	5000	
Lime	5465'	TD

Drill Stem Tests:

- #1 4831-90' - Marmaton 5-30-60-30. No gas to surface; weak blow throughout test. Rec. 30' DM. ISIP 78#, IFP 56#, FFP 45# FSIP 56#.
- #2 4986-5020' - Mississippi 5-30-60-30. Good blow TOT. No gas to surface. Rec. 30' DM ISIP 67#, IFP 34#, FFP 34# FSIP 112#
- #3 5020-35' - Mississippi 5-30-60-30. Strong blow TOT. GTS in 7 min. 10 min. 69 MCF, 20 min. 98 MCF, 30 min 104 MCF, 40 min. 110 MCF, 50 min. 117 MCF, 60 min. 120 MCF. Rec. 30' gas cut mud. ISIP 1728#, IFP 22#, FFP 22#, FSIP 1705#.
- #4 5035-43' - Mississippi, 5-30-60-30. Weak blow TOT. No gas to surface. Rec. 25' DM ISIP 79#, IFP 22#, FFP 11#, FSIP 290#.
- #5 5043-70' - Mississippi, 5-30-60-30. Very weak blow TOT. No gas to surface. Rec. 15' slt. oil spotted mud. ISIP 56#, IFP 22#, FFP 11#, FSIP 45#.

Drill Stem Tests (Continued):

- #6 5400-35' - Meisner sand & Viola. 5-30-60-30. Very weak blow initial 5 min. No gas to surface. Rec. 15' drlg. mud. ISIP 1280#, IFP 45#, FFP 45#, FSIP 56#.

Electric Log Tops:

Heebner	4187 (-2107)
Toronto	4204 (-2124)
Douglas	4220 (-2140)
Lansing	4355 (-2275)
Base, Kansas City	4796 (-2716)
Marmaton	4806 (-2726)
Cherokee	4941 (-2861)
Mississippi	4994 (-2914)
Meisner	5413 (-3333)
Viola	5422 (-3342)
Log TD	5468

Plug and Abandon as follows:

- TD 5465 - 370', mud
 370'-360', bridge w/2 sx cem, 1/2 sx hulls.
 360'-285', 25 sx. cem.
 285'-40', mud
 40'-30', bridge w/2 sx.cem. & 1/2 sx hulls.
 30'-Base Cellar, 10 sx. cement

Slope Tests:

500'	1/4°
1000'	1/2°
2075'	1/2°
2500'	1/2°
3119'	1/2°
3573'	3/4°
3977'	3/4°
4429'	1/2°
4732'	1°
5110'	1°
5465'	1/2°