

30-30-17W

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

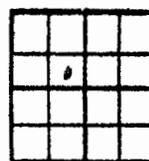
COMPANY **CITIES SERVICE OIL**

SEC. 30 T. 30 R. 17W
 LOC. APP C SE NW
 1980' FNL & 1905' FWL

FARM Booth "B" NO. 1

COUNTY **Kiowa**

KANSAS



TOTAL DEPTH 5074 PBTD 5013
 COMM. 11-30-66
 SHOT OR TREATED
 CONTRACTOR Peel Bros, Inc.
 ISSUED 4-8-67

COMP. 2-19-67

ELEVATION 2150'KB

PRODUCTION FLO TR oil, 160 Wtr,
 770 MCFGPD

CASING

20	10	
15	8 5/8" @ 994'	w/75 sx
12	6	
13	4 1/2" @ 5074'	w/125 sx
	DV tool @ 516'	w/300 sx

FIGURES INDICATE BOTTOM OF FORMATIONS

Company..... Cities Service Oil Company Well No. 1 Farm Booth "B"
 Location..... 1980' FNL and 1905' FWL Sec. 30 T. 30 R. 17W
 Elevation..... 2147 DE, 2150 KB County..... Kiowa State..... Kansas
 Initial Prod..... Flow Tr. Oil, 160 Water, 770 MCF, 8 hrs. Contractor..... Peel Brothers, Inc.
1050 MCA acid, 1500 gals. 28%, 1500 gals.
 Acid..... 15%, 30,000 gals. 3% gel acid, 30,000# sand Drlg. Comm. November 30, 1966
 T.D. 5074, PBTD 5013' Drlg. Comp. February 19, 1967

CASING RECORD

8-5/8" @ 994' - DV tool @ 516', cemented below with 75 sx common w/ 2% CaCl₂, cemented thru DV tool w/ 300 sx Pozmix (60-40), 6% gel, 175# Flo-cele, 175# Stratacrete, followed with 75 sx common, 2% CaCl₂.
 4-1/2" @ 5074' cem. with 125 sx salt sat. common

FORMATION RECORD

rotary bushing to ground	0-10'
clay	40
clay & sand	90
shale & lime	1070
lime & shale	1280
shale & lime	1805
lime & shale	2750
shale & lime	3910
shale	3944
lime & shale	4157
shale & lime	4352
lime & shale	4724
shale & lime	4977
conglomerate	4984
shale & chert	5016
chert & lime	5074 TD

CORES

#1 5025-5040
 #2 5040-5055
 #3 5055-5075

ELECTRIC LOG TOPS

Lansing	4358 (-2208)
Base Kansas City	4784 (-2634)
Marmaton	4793 (-2643)
Fort Scott	4920 (-2770)
Cherokee	4928 (-2778)
Conglomerate	4977 (-2827)
Mississippi (Osage)	4984 (-2834)
Mississippi Lime	5016 (-2866)

5075 RTD = 5074 Logger TD

COMPLETION

Ran cement bond and PFC log. PBTD 5032'.
 Perf. 5017-23. Az. 300 gals. MCA. Flow 3 oil, 8 water, 439 MCF, 7 hrs. Az. with 1000 gals. 28% acid.
 Flow 6 oil, 117 water, 310 MCF, 24 hrs. Cement squeeze perfs. 5017-23 with 145 sx. Drlg. and cleaned out cement 5014-25, cleaned out to 5032', PBTD. Perf. 5004-10, 4998-5002, 4994-96, 4984-90.
 Acidized with 250 gals. MCA. No show, no fluid.
 Cement squeeze perfs. 4984-5010 with 50 sx. Perf. 5017-20.
 Az. with 250 gals. MCA. No show, no fluid.
 Az. with 1500 gals. 15% reg., 5017-20. Flow 5 oil, 160 water, 240 MCF, 24 hrs. Cement squeeze perfs. 5017-20 twice with total 170 sx.
 Cleaned out cement to 5013, PBTD. Perf. 4998-5010, 4985-90.
 Az. with 500 gals. MCA. Frac with 30,000 gals. 3% gel acid, 30,000# sand.
 Flow tr. oil, 160 water, 770 MCF, 8 hrs. Mix 125 sx cement, pump in 4 1/2" csg., plug to 4700' @ 1600#. T.A.

SLOPE TESTS

520' 1/4°
 1000' 1/2°
 1500' 1/4°
 2281' 1 1/2°
 2471' 3/4°
 3055' 1/2°
 3414' 1/2°
 3748' 1/4°
 4087' 1/2°