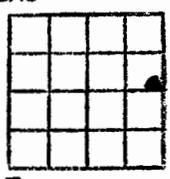


8-1-34W

PBTD 4173'
 Total Depth. 4350
 Comm. 7-17-59 Comp. 8-1-59
 Shot or Treated.
 Contractor, Claude Wentworth Drilling Co., Inc.
 Issued, 1-2-60

County Rawlins
 KANSAS



CASING:
 8 5/8" 445' cem. w/300 sx.
 5 1/2" 4350' cem. w/300 sx.

Elevation. 3106 D. F.

Production. 237 B. O. P. D.

Figures indicate Bottom of Formations.

Ran Schlumberger Survey

surface soil & sand	186
clay & shells	445
shale & shells	1464
shale	1751
shale & sand	1940
shale	2170
shale & shells	2425
shale	2580
shale & shells	2675
lime & shale	2760
shale	2956
Anh.	2983
shale & shells	3225
shale	3277
shale & shells	3530
shale & lime	3748
lime	3776
siltstone	3786
lime & shale	3946
lime	3948
lime & shale	4003
lime	4010
lime & shale	4144
lime	4200
lime & shale	4237
lime	4240
lime & shale	4350
Total Depth	

TOPS:

STONE CORRAL	2950
COUNCIL GROVE	3403
ADMIRE	3629
WABAUNSEE	3722
TOPEKA LIME	3797
MOUNT OREAD LIME	3886
LANSING LIME	3990
BASE-KANSAS CITY	4260
MARMATON	4292

DST # 3 4158-4200 Open one hour, fair to weak blow, dead in 14 minutes, recovered 450' of gassy mud, 120' of mud cut oil, 5' of free oil, and 60 feet of muddy oil. IBHP-1255 pounds in 30 minutes, IFP-285 pounds, FFP-310 pounds, FBHP-1140 pounds in 30 minutes.

DST #4 4204-4240 Open one hour Weak blow, dead in 11 minutes, recovered 750' muddy salt water, no oil. IBHP-1230 pounds in 30 minutes, IFP-410 pounds, FFP-425 pounds, FBHP-970 pounds in 30 minutes.

Casing perforation #1 4187-4193
 24A-2 holes

Casing perforation # 2 4187-4190
 9 "E" holes, 12 Kone shots

Acid treatment #1 4187-4190 200 gal. acid & 101 bbls. water.

Casing perforation #3 4187-4189 8A-2 holes.

Acid treatment #2 150 gal. acid & 103 bbls. water.

Casing perforation #4 4164-4167 12A-2 holes.

Acid treatment #3 4164-4167 200 gal. acid, & 104 bbls. water.

Casing perforation #5 4003-4046 12A-2 holes.

Acid treatment #4 4043-4046 200 gal. acid, & 102 bbls. water

D. S. T. #1 3989-4010 Open one hour, weak blow, dead in one hour, recovered four feet of rotary mud, no oil, all pressure zero pounds in 30 minutes.

Casing perforation #6 4011-4016 20A-2 holes.

Acid treatment #5 4011-4016 500 gal. acid & 100 bbls. oil.

D. S. T. #2 4140-4157 Open two hours, fair blow throughout, recovered 1560 feet muddy salt water, with few specks oil. IBHP-1280 pounds in thirty minutes, IFP-90 pounds, FFP-735 pounds, FBHP-765 pounds in thirty minutes.