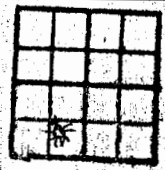


DRILLER'S LOG

API # 15-077-20,235

5-31-9W



COMPANY:

Edmiston Oil Company
405 First National Bank Bldg.
Wichita, Kansas 67202

NW SE SW

ROTARY DRILLING COMMENCED:

January 6, 1974

ROTARY DRILLING COMPLETED:

January 23, 1974

WELL NAME:

JACOBS #1

LOCATION:

NW SE SW Sec. 5-31S-9W
Harper County, Kansas

CONTRACTOR:

E. K. Edmiston Drilling Co., Inc.
405 First National Bank Bldg.
Wichita, Kansas 67202

CASING RECORD:

Set 216' of 8-5/8" surface pipe w/175 sx.
Ran 4 1/2" prod. pipe @ 4474' w/100 sx. cmt.

L O G

Measurements from top of Kelly Bushing (Elevation 1721 K.B.)

Sand	0 - 755
Red Bed	1287
Anhydrite	1291
Shale	1605
Shale and Lime	2160
Lime	2305
Lime and Shale	3410
Lime	3493
Lime and Shale	3755
Lime	3835
Lime and Shale	4202
Lime	4412
Lime and Shale	4434
Chert	4475 R.T.D.

The undersigned, E. K. Edmiston, President of E. K. Edmiston Drilling Co., Inc., hereby certifies on behalf of said company, that the above log is a true and correct log of the formations encountered in drilling the above well, as reflected by the daily drilling reports.

Log tops

HEEB 3545
IANS 3756
MISS 4442
LTD 4474

E. K. Edmiston

STATE OF KANSAS

COUNTY OF SEDGWICK

} SS:

BE IT REMEMBERED that on this 29th day of January, 1974, before me, the undersigned, a Notary Public within and for the County and State aforesaid, came E. K. Edmiston, known to me to be the same person who executed the foregoing instrument on behalf of E. K. Edmiston Drilling