

KANSAS DRILLERS LOG

Geological Survey
WICHITA, BRANCH

COMPANY Ram Petroleum

SEC. 1 T. 16S R. 20W

FARM Pfeiffer NO. 3

LOC. SE NW SE

COUNTY Rush

ROTARY TOTAL DEPTH 3,716'

COMM. April 12, 1981^{DMP} April 21, 1981

CONTRACTOR H-30, INC.

ISSUED May 5, 1981

CASING

10 3/4"

8 5/8" Set at 1,302' cemented with 500 sxs cement ELEVATION 2,084 G.L.

5 1/2"

4 1/2"

FIGURES INDICATE BOTTOM OF FORMATIONS

Red Bed	55'
Shale	700'
Sandstone	965'
Red Bed	1,299'
Shale	1,620'
Shale and Lime	2,065'
Lime and Shale	2,335'
Shale	2,530'
Lime and Shale	3,155'
Shale and Lime	3,325'
Lime and Shale	3,449'
Lime	3,716'
Rotary Total Depth	3,716'

I hereby certify the above and foregoing to be a true and correct log of the above described well as shown by the drilling reports.

H-30, INC.

Gary Younger
Gary Younger

State of Kansas)
) ss:
County of Sedgwick)

Subscribed and Sworn to before me, a Notary Public, in and for said county and state this 5th day of May, 1981.

WILLISON
NOTARY
MAY 10 1981

Elsie Willison
Elsie Willison - Notary Public

PT

1-16-20W

RAM PETROLEUM CORPORATION

VICKERS - KSB&T BUILDING SUITE 800 • WICHITA, KANSAS 67202

ROBT K. EDMISTON,
PRESIDENT

(316) 265-5241

E.K. EDMISTON,
SECRETARY • TREASURER

PFEIFFER #3
SE NW SE Sec. 1-16S-20W
Rush County, Kansas

Contractor: H-30 Drilling Elevation: 2084' GL; 2089' KB

- 4/12/81 Moved in rotary tools. SPUD.
- 4/13/81 Drlg. @ 1303'. (Circulating to set surface pipe)
Set 8-5/8" surface pipe @ 1302' w/500 sx. cmt. Plug down @
11:30 am.
- 4/14/81 Drlg. @ 1620'.
- 4/15/81 Drlg. @ 2530'.
- 4/16/81 Drlg. @ 3007'.
- 4/17/81 Drlg. @ 3354'.
Drill Stem Test #1, 3382-3449 (Lansing)
Open 30 min., shut in 30 min., open 120 min., shut in 30 min.
Rec. 18' salt water.
ISIP 732#; FSIP 690#; FP 91-175#.
- 4/18/81 Drill Stem Test #2, 3449-3550 (Lansing)
Open 30 min., shut in 30 min., open 120 min., shut in 30 min.
Weak blow. Rec. 120' muddy water.
ISIP 892#; FSIP 833#; FP 115-115#.
- 4/19/81 Drill Stem Test #3, 3544-3680 (Marmaton)
Open 30 min., shut in 30 min., open 120 min., shut in 30 min.
Weak blow/15 min. Rec. 10' oil specked mud.
ISIP 265#; FSIP 207#; FP 157-132#.
- 4/20/81 Drill Stem Test #4, 3678-3716 (Reagan Sand)
Open 30 min., shut in 30 min., open 120 min., shut in 30 min.
Weak blow throughout. Rec. 65' muddy water.
ISIP 774#; FSIP 774#; FP 50-75#.
TD 3716'. No log.
D & A

SAMPLE TOPS:

Anhydrite	1299 (+790)
Heebner	3328 (-1239)
Lansing	3370 (-1281)
Base Kansas City	3634 (-1545)
Marmaton	3654 (-1565)
Reagan Sand	3710 (-1621)
TD	3716 (-1627)