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PZ

API No. ~~8~~ 165-20,809  
State Geological Survey  
WICHITA, BRANCH

KANSAS DRILLERS LOG

COMPANY Ram Petroleum Corporation

SEC. 1 T. 16S R. 20W

FARM Pfeiffer NO. 2

LOC. NW NW SE

COUNTY Rush

ROTARY TOTAL DEPTH 3,720'

COMM. October 18, 1980 COMP. October 27, 1980

CONTRACTOR H-30, Inc. (Rig #11)

ISSUED November 3, 1980

CASING

10 3/4"

8 5/8" Set at 1,309' cemented w/500 sxs cement

ELEVATION 2,099' K.B.

5 1/2"

4 1/2"

FIGURES INDICATE BOTTOM OF FORMATIONS

Shale	760'
Sand	975'
Shale and Red Bed	1,200'
Shale	1,303'
Anhydrite	1,312'
Shale	1,992'
Shale and Lime	2,975'
Lime and Shale	3,290'
Shale and Lime	3,375'
Lime	3,720'
Rotary Total Depth	3,720'

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.

*Dean Britting*  
\_\_\_\_\_  
Dean Britting

State of Kansas )  
                          ) ss:  
County of Sedgwick )

Subscribed and Sworn to before me a Notary Public  
in and for said county and state this 3rd day of  
November, 1980.

PI

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 #2  
NW NW SE Sec. 1-16S-20W  
Rush County, Kansas

Contractor: H-30 Drilling, Inc. Elevation: 2094' GL; 2099' KB

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10/18/80 Moved in rotary tools. SPUD.  
 10/19/80 Drilled 12 $\frac{1}{4}$ " hole and set 8-5/8" surface pipe @ 1309'  
 w/500 sx. cmt. Plug down @ 3:00 pm.  
 10/20/80 Drlg. @ 1450'.  
 10/21/80 Drlg. @ 1992'.  
 10/22/80 Drlg. @ 2975'.  
 10/23/80 Drlg. @ 3290'.  
 Drill Stem Test #1, 3254-3290 (Topeka)  
 Open 30 min., shut in 30 min., open 120 min., shut in 30 min.  
 Rec. 270' oil specked muddy water.  
 ISIP 1010#; FSIP 934#; FP 82-223#.  
 10/24/80 Drill Stem Test #2, 3394-3440 (Lansing)  
 Open 30 min., shut in 30 min., open 120 min., shut in 30 min.  
 Good blow. Rec. 1,080' oil specked water.  
 ISIP 720#; FSIP 682#; FP 214-536#.  
 10/25/80 Drill Stem Test #3, 3440-3490 (Lansing)  
 Open 30 min., shut in 30 min., open 120 min., shut in 30 min.  
 Rec. 240' muddy water.  
 ISIP 924#; FSIP 827#; FP 68-175#.  
 Drill Stem Test #4, 3556-3610 (Lansing)  
 Open 30 min., shut in 30 min., open 120 min., shut in 30 min.  
 Very weak blow. Rec. 58' mud w/few specks of oil scum on  
 top of the tool.  
 ISIP 1001#; FSIP 858#; FP 74-84#.  
 10/26/80 Drill Stem Test #5, 3634-3670 (Marmaton)  
 Open 30 min., shut in 30 min., open 120 min., shut in 30 min.  
 Very weak blow. Rec. 30' mud.  
 ISIP 48#; FSIP 39#; FP 19-39#.  
 10/27/80 Drill Stem Test #6, 3704-3720 (Reagan Sand)  
 Open 30 min., shut in 30 min., open 120 min., shut in 30 min.  
 Weak blow. Rec. 150' muddy water.  
 ISIP 791#; FSIP 749#; FP 41-80#.  
 RTD 3720'. No log.  
 D & A

<u>SAMPLE TOPS:</u>	Heebner	3328 (-1229)
	Lansing	3378 (-1279)
	Base Kansas City	3622 (-1523)
	Marmaton	3654 (-1555)
	Reagan Sand	3715 (-1616)
	TD	3720 (-1621)