

22-21-23W

OPERATOR:
 CONTRACTOR:
 WELL NAME:
 LOCATION:
 SPUD DATE:
 COMPLETION DATE:

Pate-Dombaugh Petroleum
 KAW Drilling Co., Inc.
 HAAS #1
 SW SW SW, Section 23, T1S-23W
 Hodgeman County, Kansas
 August 6, 1980
 August 23, 1980

State Geologist
 WICHITA BRANCH
 Sedgwick County

0	40	Surf soil, shale & clay
40	384	Sand & Shale
384	1561	Shale - Shells
1561	1591	Shale & Red Bed
1591	1628	Anhydrite
1628	2235	Shale w/lime
2235	2690	Shale
2690	4435	Shale & Lime
4435	4555	Lime
4555	4580	Lime & Shale
	4580'	R.T.D.

SAMPLE TOPS:

Anhydrite 1591' (+789)
 B/Anhydrite 1628' (+752)

Spud hole 8/06/80. Drilled 386' of 12¼" hole. Ran 9 jts. of 8 5/8" - 23#, 8rd- range 3, new pipe. (Talley 371') Set @ 384' K.B. with 225 sx. of 60/40 posmix, 2% gel, 3% Ca.Cl. Cement did circulate. Plug was down at 11:30 p.m. 8/06/80. Cement by Halliburton.

T.D. 4580', Ran 111 jts. of 5½" - 14#, 8 rd., range 3, new casing. (Talley 4593.25') Set 6' off bottom @ 4574' K.B. with 125 sx. RFC cement behind 12 bbls. chemical flush. Plug was down @ 12:10 a.m. 8/23/80. Cement by Dowell.

STATE OF KANSAS)
) SS
 COUNTY OF SEDGWICK)

I, K.S. Martin, President of the KAW Drilling Co., Inc., being first duly sworn on oath, state: That I have knowledge of the facts, statements and matters herein contained and that the same are true and correct.


 K.S. Martin, President

Subscribed and sworn to before me on this 26th day of August, 1980.