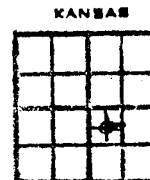


31-32-34W
C NW SE



DRILLERS LOG

HITCH LAND & CATTLE CO. NO. 1

API # 15-175-20190

CASING RECORD:	OPERATOR: Patrick Petroleum Corp.	DESCRIPTION:
8-5/8" @ 1708'	CONTRACTOR: Sage Drilling Co., Inc.	C NW SE
w/700 sax cement	COMMENCED: December 26, 1972	Sec. 31-32S-34W
		Seward Co., Kansas
TRUE DEPTH:	COMPLETED: January 16, 1973	ELEVATION: 2921KB
6425'		

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Sand	0	550	
Red Bed	550	988	
Lime	988	1100	
Sand	1100	1360	
Red Bed & Shale	1360	1655	
Lime & Shale	1655	1708	
Shale & Lime	1708	2000	
Shale	2000	2250	
Lime & Shale	2250	2547	
Shale & Lime	2547	3720	
Lime & Shale	3720	3854	
Shale & Lime	3854	4217	
ne & Shale	4217	4382	
Shale & Lime	4382	4418	
Lime & Shale	4418	4953	
Lime	4953	5075	
Shale & Lime	5075	5156	
Lime & Shale	5156	5431	
Shale & Lime	5431	5726	
Shale	5726	5920	
Lime & Shale	5920	6198	
Shale & Lime	6198	6247	
Lime & Shale	6247	6350	
Shale & Lime	6350	6393	
Lime	6393	6425	

LOG TOPS:

HEEB	4186
TOR	4207
LAN	4312
MARM	4966
CHER	5212
MRW	5609
MISS CHEST	5884
CHEST SD	6144
STE GEN	6162
ST LOUIS	6270
RTD	6425
LTD	6432

5½" @ 6239' w/250
sax bottom stage &
150 sax top stage.

certify that this is a true and correct copy of the above log to the best
my knowledge.

SAGE DRILLING CO., INC.