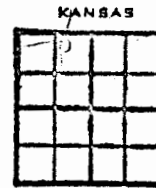


KANSAS GEOLOGICAL SURVEY  
 508 East 10th St.  
 Wichita, Kansas  
 FEB 25 1972

CONTRACTOR'S WELL LOG



11-5-20W  
 NWNENW  
 11-5-20W

OPERATOR: Abercrombie Drilling, Inc.  
 CONTRACTOR: Abercrombie Drilling, Inc.  
 WELL NAME: MITCHELL #1  
 LOCATION: NW NE NW, Sec. 11-5S-20W  
 Phillips County, Kansas  
 GEOLOGIST: Jay R. Dirks  
 SPUD DATE: September 1, 1971  
 COMPLETION DATE: September 10, 1971

2025KB

DA

0	50	Sand & Rock
50	173	Clay
173	1531	Shale
1531	1570	Anhydrite
1570	2000	Shale
2000	2250	Shale & Lime
2250	3035	Lime & Shale
3035	3442	Lime
	3442	Rotary Rotal Depth

Drilled 243' of 12½" surface hole and set 8-5/8" csg. @233' G.L. w/150 sx. Sunset cement. Cement circulated. Plug was down at 1:45 p.m. 9-1-71. Set 4½" csg. at 3442'. Cemented w/50 sx. 50/50 posmix w/2% gel, 12 lbs. gilsonite per sack, and 100 sx. common cement w/10% salt, 2% gel, 1% c.c.c. and friction reducer. Plug was down at 4:45 a.m. 9-10-71.

ELECTRIC LOG TOPS

ELEVATION

Topeka	2916 (- 904)	2012 K.B.
Heebner	3109 (-1097)	2010 D.F.
Toronto	3135 (-1123)	2004 G.L.
Lansing	3153 (-1141)	
Arbuckle ?	3441 (-1429)	
ELTD	3443 (-1431)	

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state as of this 13th day of September, 1971.

*Beverly Mann*  
 Beverly Mann, Notary Public

My Commission Expires:

February 10, 1975

LOG TOPS	DEPTH	SMP TOPS	DEPTH	RTD
TOP	2916	ANHY	1583	3258
HEEB	3109	B ANHY	1625	
TOR	3135	TOP	2990	
LANS	3153	HEEB	3194	
ARB	3441	TOR	3220	
RTD	3442	LKC	3239	
LTD	3443	RTD	3258	
DDTD	3445			