

COMPANY Jack Bowles

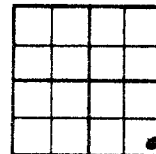
SEC. 23 T. 24S R. 23W
LOC. SE SE SE

FARM Whiteside NO. 2

API #15-083-20,403

COUNTY Hodgeman

KANSAS



TOTAL DEPTH 4,772'

COMM. January 6, 1975

COMP. January 16, 1975

SHOT OR TREATED

CONTRACTOR H-30, Inc.

ISSUED

CASING

20	10	
15	5-5/8" 327'	cemented w/225 sxs cement
12	6	
13	5	
	4 1/2" 4,771'	cemented w/200 sxs cement

ELEVATION 2,208' KB

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Clay, Post Rock, Shale and Sand	322'	
Shale and Red Bed	885'	RTD 4780
Sand	1,015'	
Shale and Red Bed	1,416'	
Anhydrite	1,452'	
Red Bed and Shale	1,724'	
Shale and Lime	3,491'	
Lime and Shale	3,860'	
Lime	4,772'	
Rotary Total Depth	4,772'	

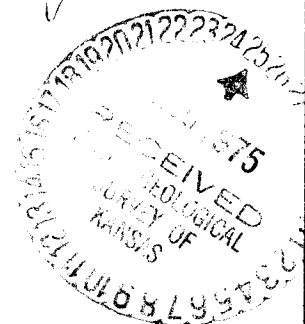
I hereby certify the above and foregoing
to be a true and correct log of the above
described well as shown by the drilling
reports.

H-30, INC.

Dean Britting
Dean Britting

State of Kansas }
County of Sedgwick } ss:

Subscribed and Sworn to before me a Notary
Public in and for said county and state
this 20th. day of January, 1975.



Elsie Willison
Elsie Willison - Notary Public

My Commission Expires:

June 30, 1978