

22-1-32W
15-183-20, 165

CASING RECORD:	OPERATOR:	John O. Farmer, Inc.	DESCRIPTION:
289' w/ 8-5/8"	CONTRACTOR:	John O. Farmer, Inc.	C NE NW
Cemented w/ 165 sx.	COMMENCED:	December 4, 1974	Sec. 22-1S-32W
4134' w/ 5 1/2"	COMPLETED:	December 13, 1974	Rawlins County, Ks.
Cemented w/ 100 sx.			
TOTAL DEPTH:			
4140'			

FORMATION	FROM	TO	REMARKS
Shale & Shells	289	770	
Shale	770	1650	
Shale & Sand	1650	2415	
S l & Gyp	2415	2475	
Red Bed	2475	2622	
Shale	2622	2742	
Anhydrite	2742	2782	
Shale	2782	2985	
Shale & Shells	2985	3180	
Shale	3180	3320	
Shale & Lime	3320	3905	
Lime	3905	4140	
Total Depth	4140		

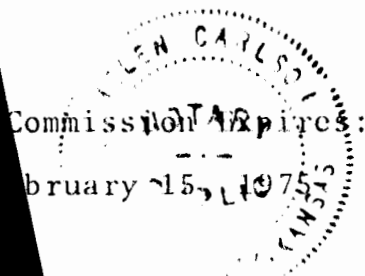


I certify that this is a true and correct copy of the above log to the best of my knowledge.

JOHN O. FARMER, INC.

By John O. Farmer
John O. Farmer
President

Subscribed and sworn to before me this 18th day of December, 1974.



Helen Carlson
Helen Carlson - Notary Public