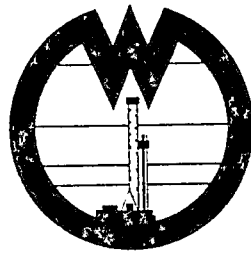


Ind



31-32-4E

# WHITE

AND ELLIS DRILLING, Inc.

## DRILLERS LOG

OPERATOR: McNeish Oil Operations 528 State Bank Bldg. Box 734 Winfield, Kansas 67156  
 CONTRACTOR: White & Ellis Drilling, Inc., 401 E. Douglas, Suite 500, Wichita, Ks. 67202

Lease Name Johnson "A" Well No. #1  
 Sec. 31 T. 32S R. 4E Spot 165' E of NE SW SE  
 County Cowley State Kansas Elevation \_\_\_\_\_

### Casing Record:

Surface: 8 5/8" @ 216' with 90 sx.

Production: 4 1/2" @ 3269' with 100 sx. 18% salt

Type Well: Oil Total Depth 3270'

Drilling Commenced 11-29-82 Drilling Completed 12-5-82

<input type="radio"/> Formation	From	To	Tops	
Cellar	0	7	Kansas City	2730
Shale, Lime	7	1289	Marmaton	2908
<input type="radio"/> Shale, Sand, Lime	1289	1430	Bartlesville	3206
Shale, Lime	1430	1684	Mississippi	3239
Shale, Sand	1684	1735		
Shale, Lime	1735	2295		
Shale	2295	2350		
Shale, Sand	2350	2380		
Shale, Lime	2380	2730		
Lime	2730	2827		
Lime, Shale	2827	2908		
Lime	2908	3026		
Shale, Lime	3026	3206		
Sand	3206	3239		
Lime	3239	3270		

State Geological Survey  
WICHITA BRANCH