

DRILLERS LOG

#1 Chelseth

CASING RECORD:  
375.95' of used  
8-5/8" 28# surface  
casing.

COMPANY: National Crude  
CONTRACTOR: Strata Drilling Company

DESCRIPTION: C/NE SE  
Section 20-21S-25W  
Hodgeman County, Kansas

TOTAL DEPTH:  
4480'

COMMENCED: December 6, 1976  
COMPLETED: December 14, 1976

D. & A.

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<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Surface soil	0	390	Ran 375.95' of used 8-5/8" 28# surface casing, set and cemented @ 378' with 270 sacks of common cement, 2% gel and 3% C.C., cement circulated; plug down at 3:15 A.M. December 7, 1976.
Shale	390	500	
Shale, sand, shale	500	1597	
Anhydrite	1597	1638	
Lime and Shale	1638	4465	
Lime	4465	4480	

ROTARY TOTAL DEPTH: 4480'

Ran two Drill Stem Tests.

Ran one electric log.

D. & A.

Hole plugged as follows: plugged at 900' with 50 sacks of 50-50 pozmix; plugged at 350' with 35 sacks 50-50 pozmix; plugged at 40' with 15 sacks 50-50 pozmix. Plugged rathole and mousehole with 5 sacks each. Plug down at 2:20 P.M. December 14, 1976.

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STATE OF KANSAS )  
                  ) ss  
COUNTY OF BARTON)

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