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29-32-31W  
15-175-20063

NOV 8 1969

Phillips Petroleum Company  
Berger, Texas

Drig. Contractor: Stickle Drilling Company  
Date Commenced: 15 August 1969  
Date Completed: 3 September 1969

Monahan "A" #1  
1980' FEL & 660' FRL  
Section 29-32S-31W  
Seward County, Kansas

*CYAWNE*

DRILLER'S LOG

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Depth figures indicate base of formation:

Sand, Clay, and Red Bed	590
Red Bed, Glor. Sand	1205
Red Bed and Gyp	1615
Gyp	1630
Anhydrite and Red Bed	1700
Red Bed	2240
Shale and Anhydrite	2537
Anhydrite and Shale	2652
Lime and Shale	2902
Lime	3320
Lime and Shale	4000
Lime	4120
Lime and Shale	4420
Lime	5632
Lime and Shale	5741
Lime	6150 RTD

RECEIVED  
STATE CORPORATION COMMISSION  
SEP 19 1969  
CONSERVATION DIVISION  
Wichita, Kansas

RECEIVED  
STATE GEOLOGICAL SURVEY OF KANSAS  
SEP 22 1969

I, Clifford M. Smith, hereby certify that to the best of my knowledge and belief, the above is a true and complete Driller's Log of Phillips Petroleum Company's Monahan "A" #1 in Seward County, Kansas.

WANDA J. STEAKLEY  
NOTARY PUBLIC  
SEWARD COUNTY, KANSAS

*Clifford M. Smith*  
Clifford M. Smith, Vice President

Wanda J. Steakley, Notary Public  
My Commission expires 16 January 1970.