OPERATOR: Bay Petroleum (Max Cochen)  
WELL: Swisher #2  
S/2 SW Sec. 34-8S-16W,  
Rooks County, Kansas

FORMATIONS:
- Shale 345'  
- Sand 415'  
- Shale 665'  
- Sandy Shale 330'  
- Sand 930'  
- Shale 1215'  
- Anhydrite 1355'  
- Shale 1565'  
- Lime 1740'  
- Shale & Lime 2705'  
- Lime 3001'  
- Hossner-Shale 3005'  
- Lime 3293'  

Rotary Total Depth: 3293'

FORMATION TOPS:
- Anhydrite 1215'  
- Topeka 2285'  
- Hossner 3707'  
- Toronto 3022'  
- Lansing-KC 3046'  
- Total Depth 3293'

REMARKS:
- Set 95' of 10 3/4" surface casing cemented w/150' cement
- Set 3080' of 7" casing cemented w/115' cement
- Set 5 1/2" liner @ 3062 to 3293' w/175' cement

STATE OF KANSAS

COUNTY OF SEWARD

James H. Daniels, of lawful age, being duly and solemnly sworn on oath says:
I am a resident of Wichita, Sedgwick County, Kansas, and I hereby know on oath state
that the above drilling log covering the Swisher #2 located in the S/2 SW Sec. 34-8S-16W,  
Rooks County, Kansas, is true and correct to the best of my knowledge and
belief, further affiant saith not.

James H. Daniels

Subscribed and sworn to me this 3rd day of July, 1962.

[Signature]

State Corporation Commission

AUG 14 1964

Wichita, Kansas
Original

Oct 218 D

Geological data

Aubryville 1214 4
Top oil 2783
Parker 3048
Dodge 3083
Lansing 3083
Tops Corrected to Derrick Floor.

IP 278

I hereby affirm that the above and foregoing is a true and correct copy of the Log of your Sinclair-Oilwell No. 2 located in the Center of the South Half of the Northwest Quarter of the Southwest Quarter of Section 54, Township 2 South, Range 14 West, Rock County, Kansas.

HELMERICH & PAYNE, INC.

By

Secretary

Certified and sworn to before me, a Notary Public, this 31st day of July, 1945.

Notary Public

Examination expires July 28, 1946.