

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 Colorado Derby Bldg.  
Wichita, Kansas 67202

Form CP-4  
Rev. 12-15-80

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit

COUNTY Barton SEC. 17 TWP. 20s RGE. 11W E/W  
Location as in quarters or footage from lines:

S/2 NE/4


Lease Owner Southern States Oil Company

Lease Name Herter A #1 Well No. \_\_\_\_\_

Office Address P.O. Box 1365 Great Bend, Kansas 67530

Character of Well (Completed as Oil, Gas or Dry Hole): \_\_\_\_\_

Date Well Completed \_\_\_\_\_

Application for plugging filed \_\_\_\_\_

Plugging commenced 11-13-81

Plugging completed 11-24-81

Reason for abandonment of well or producing formation \_\_\_\_\_

Depleted

Was permission obtained from the Conservation Division or its Agent's before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well J.H. Metz

Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ bottom \_\_\_\_\_ T.D. 3310'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

Casing Record

Formation	Content	From	To	Size	Put in	Pulled Out
				10"	120'	none
				5-1/2"	3297'	2026'

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hold. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

~~Pushed bottom plug to 2900', ran sand to 2800' and set 5 sacks cement. Shot pipe @2619' 2517', 2418', 2316', 2215', 2117' and 2011'. Pulled 67 joints. Plugged well with 5 sacks hulls, 20 sacks gel, 160 sacks cement, 4% gel, 3% cc. Plugging Completed.~~

(If additional description is necessary, use BACK of this sheet)

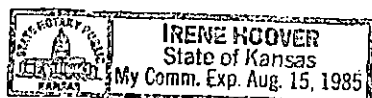
Name of Plugging Contractor Kelso Casing Pulling

STATE OF Kansas COUNTY OF Rice, ss.

R. ~~Darrell Kelso~~ (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) R. Darrell Kelso  
Chase, Kansas  
(Address)

SUBSCRIBED AND SWORN TO before me this 25th day of November, 1981



My Commission expires:

RECEIVED  
STATE CORPORATION COMMISSION  
Notary Public  
NOV 30 1981  
11-30-1981  
CONSERVATION DIVISION  
Wichita, Kansas

15.009.07110.0000

RECEIVED  
STATE CORPORATION COMMISSION

OCT 9 1931

CONSERVATION DIVISION  
Wichita, Kansas

Herter A # 1 - S/2 NE/4 Section 17-20S-11W Barton County, Kansas  
 Company - Virginia Drilling Company, et al  
 Contractor - Virginia Drilling Company  
 Commenced - July 12, 1941  
 Completed - August 17, 1941  
 Elevation - 1774  
 Total Depth - 3310'

FORMATION	DEPTH	
Sand	0- 95	Drilled plug - 3000' fill-up
Lime	95- 116	Drilled 3307-3310 T. D.
Shale & Shells	116- 180	
Reamed surface		Swabbing potential 48 bbls.
Set 120' of 10" Casing		
Shale & Red Bed	120- 214	
Shale & Red Rock	214- 500	
Anhydrite	500- 515	
Shale & Shells	515- 920	
Salt & Shells	920-1200	
Shale & Lime	1200-1580	
Shale & Lime Shells	1380-1481	
Iron of Pyrite	1481-1510	
Lime	1510-1541	
Lime & Shale	1541-1795	
Lime	1795-1900	
Lime & Shale	1900-2163	
Shale & Lime Shells	2163-2214	
Shale	2214-2340	
Broken Lime	2340-2360	
Shale	2360-2435	
Shale & Lime Shells	2435-2513	
Shale	2513-2590	
Lime	2590-2607	
Shale	2607-2692	
Broken Lime	2692-2747	
Lime	2747-2935	
Broken Lime	2935-2990	
Lime	2990-3066	
Shale	3066-3085	
Lime	3085-3243	
Lime & Shale	3243-3270	
Lime	3270-3296	
S. L. M. @ 3270 o.k.		
Lime	3296-3301	
Top Arbuckle Siliceous		
3297'		

Cored 3301-3307

Core recovery-well saturated

Run and set 3297' of 5 $\frac{1}{2}$ " O.D.

Total Depth 3307'

Now comes S. A. Murphy, who states that he is familiar with the drilling of oil and gas wells, and says that he knows of his own knowledge the Herter A # 1 in the S/2 NE/4 of Section 17-20S-11W Barton County, Kansas, was drilled to a total depth of 3310', oil being found in the Arbuckle Siliceous Lime.

\_\_\_\_\_  
S. A. Murphy

Subscribed and sworn to before me, a Notary Public, this 21st day of August, 1941.

\_\_\_\_\_  
Notary Public

My commission expires: February 5, 1945.

VIRGINIA DRILLING COMPANY NO. A-1 HENTER

C SE SE NE Sec. 17, T.20S., R.11W.

Top Arbuckle 3298 feet by Frank Conselman (Gulf).  
 Datum elevation -1523 feet.  
 Drilled 3298 to 3301 feet with showing of oil in cuttings.  
 Cored 3301 to 3307 feet, recovering 3 feet with fair porosity and fair saturation.  
 Drilled plug and cleaned out to bottom at 6 P.M. August 15.  
 Filled 1000 feet with oil in 1 hour 20 minutes.  
 Filled 2000 feet with oil in 6 hours.  
 Filled 3000 feet with oil in 12 hours.  
 Started to swab at 10 A.M. August 16.  
 Swabbed 39.6 barrels in 3 hours as follows:

1st hour - 21.6 barrels  
 2nd hour - 9.0 barrels  
 3rd hour - 9.0 barrels

During the last 2 hours, the well swabbed from 2050 feet off bottom.  
 Drilled 3307 to 3308½ feet in one-half hour.  
 Fluid level filled from 2050 feet back to 3070 feet in 3 hours.  
 Drilled 3308½ to 3310 feet in 15 minutes August 16.  
 Fluid level still 3070 feet, therefore no increase.  
 Started swabbing 8:45 A.M. August 17 with 3100 feet of oil in hole.  
 Swabbed 13.05 barrels in 20 minutes and fluid level dropped to and remained at 2100 feet off bottom.  
 Swabbed 8.1 barrels next hour from 9:20 to 10:20 A.M. August 17.  
 Swabbed 8.55 barrels next hour from 10:20 to 11:20 A.M. August 17.  
 Swabbed total 68.76 barrels of oil altogether August 16 and 17.  
 Established State minimum potential August 16 ← 48 ft.

These tests were witnessed by Anthony Folger or Arthur S. Price.