

STATE OF KANSAS  
STATE CORPORATION COMMISSION

Form CP-4

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
211 No. Broadway  
Wichita, Kansas

WELL PLUGGING RECORD

Stafford County, Sec. 6 Twp. 22 Rge. 12 (E) W (W)

Location as "NE/CNW/SW" or footage from lines C SW/4 SW/4

Lease Owner Pan American Petroleum Corporation

Lease Name H. Krankenberg Well No. 2

Office Address P. O. Box 1654, Oklahoma City, Oklahoma

Character of Well (completed as Oil, Gas or Dry Hole) Oil

Date well completed 9-10-1964

Application for plugging filed 7-16-1964

Application for plugging approved 7-17-1964

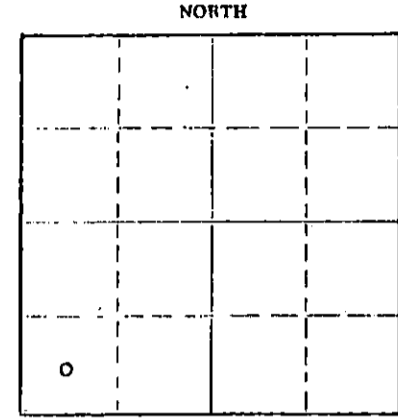
Plugging commenced 9-1-1964

Plugging completed 9-7-1964

Reason for abandonment of well or producing formation Economically depleted.

If a producing well is abandoned, date of last production January, 1964

Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes



Locate well correctly on above Section Plot

Name of Conservation Agent who supervised plugging of this well A. Elving

Producing formation Arbuckle Depth to top 3662 Bottom 3666 1/2 Total Depth of Well 3666 1/2 Feet

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
Arbuckle	Oil	3662	3666 1/2	8-5/8	273	None
	Depleted			5-1/2	3680	2687

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 hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Filled hole with sand 3666 1/2' to 3645' capped with 5 sx cement. Set rock bridge at 265' and dumped 3 yards of cement to surface.

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9-30-64

CONSERVATION DIVISION  
Wichita, Kansas

Name of Plugging Contractor Barnes & Sons Pipe Pulling Company  
Address P. O. Box 313, Russell, Kansas

STATE OF Kansas COUNTY OF Seward, ss.

I, D. M. Liles (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) [Signature]  
P. O. Box 432, Liberal, Kansas

(Address)

Subscribed and sworn to before me this 25th day of September 1964

[Signature]  
R. W. BANKS - Notary Public.

My commission expires February 11, 1968.

STANOLIND OIL AND GAS COMPANY

WELL RECORD

540 Acres

N R-12-W

	160				160
			6		
	160				160

T  
22  
S

Locate Well Correctly

COUNTY Stafford, SEC. 6, TWP. 22-S, RGE. 12-W  
 COMPANY OPERATING Stanolind Oil and Gas Company  
 OFFICE ADDRESS P. O. Box 591, Tulsa, Oklahoma  
 FARM NAME Henry Krankenberg WELL NO. 2  
 DRILLING STARTED Aug. 21, 1943, DRILLING FINISHED Sept. 4, 1943  
 WELL LOCATED 1/2 C 1/4 SW 1/4 SW 1/4 060 ft. North of South  
 Line and 571 ft. East of West Line of Quarter Section.  
 ELEVATION (Relative to sea level) DERRICK FLR. 1875' GROUND 1871.5'  
 CHARACTER OF WELL (Oil, gas or dry hole) Oil

OIL OR GAS SANDS OR ZONES

Name	From	To	Name	From	To
1 <u>Top Lansing</u>	<u>3326</u>		4 <u>Top Arbuckle</u>	<u>3554</u>	
2 <u>Top Conglomerate</u>	<u>3566</u>		5		
3 <u>Top Simpson</u>	<u>3608</u>		6		

WATER SANDS

Name	From	To	Water Level	Name	From	To	Water Level
1				4			
2				5			
3				6			

CASING RECORD

Size	WT.	Thds.	Make	Amount Set		Amount Pulled		Packer Record			
				Ft.	In.	Ft.	In.	Size	Length	Depth Set	Make
<u>8 5/8"</u>	<u>28 1/2</u>	<u>8 VT</u>	<u>Used</u>	<u>271</u>	<u>0</u>	<u>(Threads Off - Landed at 278' - 2")</u>					
<u>5 1/2" OD</u>	<u>14 1/2</u>	<u>ERT</u>	<u>Beth.</u>	<u>3654</u>	<u>3</u>	<u>(Threads Off - Landed at 3657' - 9")</u>					<u>SLM 3664</u>

Liner Record: Amount Kind Top Bottom

CEMENTING AND MUDDING RECORD

Size	Amount Set		Sacks Cement	Chemical		Method Cementing	Amount	Mudding Method	Results (See Note)
	Feet	In.		Gal.	Make				
<u>8 5/8"</u>	<u>275</u>	<u>4</u>	<u>185</u>	<u>Ash Grove</u>		<u>Dowell</u>			
<u>5 1/2" OD</u>	<u>3680</u>	<u>5</u>	<u>100</u>	<u>Ash Grove</u>		<u>Dowell</u>			

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SEP 30 1943

NOTE: What method was used to protect sands when outer strings were pulled?

CONSERVATION DIVISION  
Wichita, Kansas

NOTE Were bottom hole plugs used? If so, state kind, depth set and results obtained

TOOLS USED

Rotary tools were used from 0 feet to 3666 1/2 TD feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet to  
 Cable tools were used from to clean out feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet to  
 Type Rig 94' Structural Steel

PRODUCTION DATA

Drawdown Potential effective Sept. 11, 1943 - 2361 BPD  
 Production first 24 hours \_\_\_\_\_ bbls. Gravity \_\_\_\_\_, Emulsion \_\_\_\_\_ per cent., Water \_\_\_\_\_ per cent  
Allowable 87 BPD  
 Production second 24 hours \_\_\_\_\_ bbls. Gravity \_\_\_\_\_, Emulsion \_\_\_\_\_ per cent., Water \_\_\_\_\_ per cent  
 If gas well, cubic feet per 24 hours \_\_\_\_\_ Rock Pressure, lbs. per square inch \_\_\_\_\_

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

H. E. Nothing Field Supt.  
Name and Title

Subscribed and sworn to before me this the 18 day of Sept 1943  
My commission expires July 6 - 1944

[Signature]  
Notary Public.

**FORMATION RECORD**

Give detailed description and thickness of all formations drilled through and contents of sand, whether dry, water, oil or gas.

Formation	Top	Bottom	Formation	Top	Bottom
Surface Sand & Clay	0	60			
Sand	60	236			
Red Bed	236	278			
Shale, Shells & Red Bed	278	680			
Anhydrite	680	710			
Shale & Shells	710	880			
Shale, Shells & Salt	880	1470			
Lime & Shale	1470	1620			
Broken Lime	1620	1680			
Shale & Shells	1680	1820			
Lime & Shale	1820	1950			
Lime	1950	2090			
Lime & Shale	2090	2225			
Shale & Shells	2225	2390			
Shale & Lime Shells	2390	2500			
Shale & Lime	2500	2677			
Lime	2677	3226			
Shale & Lime	3226	3335			
Lime	3335	3575			
Cherty Lime	3575	3625			
Shale	3625	3664			
Sandy Shale	3660	3664			
Dolomite	3664	3668 TD			
Corrected Total Depth		3666½			
<u>Stanolind Record</u>					
Core #1	3655	3668			
Rec. 7½'					
3655-3660 Green Shale					
3660-3663 Green Shale with sand streaks showing dead oil.					
Core #2	3661	3668			
Rec. 6'					
3661-3664 Green Sdy. Shale.					
3664-3668 Grey fine crystalline dolomite Fair Pro. & Sat.					
Set 3680'-5" of 5½" OD casing. Landed at 3657'-9".					
Drilled Plug & Cleaned out of bottom- 3666½' corrected TD.					
Acidized with 4 500 gal.					
2 hr. swab test 44 BOPH					
First Work	Aug.	13, 1943			
Drilling Commenced	Aug.	21, 1943			
Drilling Completed	Sept.	4, 1943			
Completed as Producer	Sept.	10, 1943			
Potential effective	Sept. 11, 1943 -	2361 BOPD			
Allowable		57 BPD.			
Permanent Bench Mark-Center 3" Braden Head		Outlet on 1869'-10"			