

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

WELL PLUGGING RECORD

NORTH

		x	

Locate well correctly on above
Section Plat

Stafford County. Sec. 18 Twp. 22S Rge. 12 XXY (W)
Location as "NE/CNW&SW¼" or footage from lines C N/2 NW/4 NE/4
Lease Owner Pan American Petroleum Corporation
Lease Name Wm. Harms "C" Well No. 2
Office Address Box 432, Liberal, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed 10-7 1962
Application for plugging filed 10-10 1966
Application for plugging approved 10-13 1966
Plugging commenced 10-20 1966
Plugging completed 10-28 1966
Reason for abandonment of well or producing formation economically depleted

If a producing well is abandoned, date of last production July 1965
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well A. Elving
Producing formation Arbuckle Depth to top 3686 Bottom 3691 Total Depth of Well 3691 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
<u>Arbuckle</u>	<u>Oil Depleted</u>	<u>3686</u>	<u>3691</u>	<u>8-5/8</u>	<u>248</u>	<u>None</u>
				<u>4-1/2</u>	<u>3704</u>	<u>2413</u>

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.

Bridge plug at 3550, dumped sand 3550 to 3340 and 3 sacks of cement at 3340. Pulled 4½" casing. Pushed plug to 245' and dumped crushed rock to 235' dumped 10 sacks of cement at 235'. Bailed hole down and capped well with 3½ yards of redi-mix cement to bottom of cellar.

RECEIVED
STATE CORPORATION COMMISSION

NOV 8 1966

11-8-66

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

Name of Plugging Contractor Forbes Casing Pulling, Inc.
Address Great Bend, 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]
Box 432, Liberal, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 7th day of November, 19 66

My commission expires February 11, 1968

[Signature]
Notary Public.

640 Acres
N Rge 12W

WELL RECORD

160				22				160
160								160

Locate Well Correctly

COUNTY Stafford, SEC. 18, TWP. 23N, RGE. 12W
 COMPANY OPERATING Stanolind Oil & Gas Company
 OFFICE ADDRESS Box 591, Tulsa, Oklahoma
 FARM NAME Wm. Hays "C" WELL NO. 2
 DRILLING STARTED 9-13 19 42, DRILLING FINISHED 9-22 19 42
 WELL LOCATED N/2 1/4 NE 1/4 NE 1/4 2510 ft. North of South
 Line and 660 ft. East of West Line of Quarter Section.
 ELEVATION (Relative to sea level) DERRICK FLR. 1832 GROUND 1879'5"
 CHARACTER OF WELL (Oil, gas or dry hole) Oil

OIL OR GAS SANDS OR ZONES

Name	From	To	Name	From	To
1 Top Lansing	3344				
2 Top Arbuckle	3686				
3					

WATER SANDS

Name	From	To	Water Level	Name	From	To	Water Level
1							
2							
3							

CASING RECORD

Size	Wt.	Thds.	Make	Amount Set		Amount Pulled		Packer Record			
				Ft.	In.	Ft.	In.	Size	Length	Depth Set	Make
8 5/8	25	8V	S.H.	245	8	(Thds off) Landed at 250'3"					
4 1/2	9.5	8RT	Both	3683	7	(Thds off) Landed at 3686'4"					

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				
8 5/8	248	4	150	Ash Grove		Halliburton		RECEIVED CONSERVATION DIVISION NOV 8 1942	
4 1/2	3703	6	100	Dewey		Halliburton			

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

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 3691 feet, and from _____ feet to _____ feet
 Cable tools were used from 94' steel feet to _____ feet, and from _____ feet to _____ feet

Type Rig _____

Production - 2 bbls. oil per hr. no water, natural

PRODUCTION DATA

Production first 24 hours - 5 bbls. Gravity _____, Emulsion _____, Water _____ percent

Production second 24 hours - _____ bbls. Gravity _____, Emulsion _____, Water _____ percent

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 42
 Name and Title Field. Supt.

Subscribed and sworn to before me this the 28th day of October, 19 42

My commission expires December 22, 1945 Marian Roth 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
Sand	0	190	<u>Stanolind Records</u>		
Red Bed	190	700	Top Lansing	3544	
Anhydrite	700	713	Top Viola	3589	
Shale & Shells	713	1170	Top Simpson	3625	
Shale & Salt	1170	1420	Top Arbuckle	3686	
Shale & Shells	1420	1640			
Broken Lime	1640	1695	Core #1	3688	3691
Lime	1695	2010	34"/36"		
Lime & Shells	2010	2223	Recovery Tan to Grey		
Shale	2223	2290	finely Cryst. Dol.		
Shale & Shells	2290	2475	Good Por. & Sat.		
Shale	2475	2700	Throughout		
Broken Lime	2700	2745			
Lime	2745	3005	4 1/2" CSA - 3686' with 100 sacks - Halliburton		
Lime & Shale	3005	3105	Drilled plug - Swab 2 bbl. per hr 200'		
Lime	3105	3235	off bottom - no water - natural.		
Shale	3235	3246	Acidized 500 Gal - Max. Press. 750#		
Lime	3246	3255	Took acid 4 hrs. Swab 4 bbl. per hr.		
Broken Lime	3255	3344	200' off bottom, no water.		
Lime	3344	3567	Acidized 1000 Gal. - Max. Press. 700#		
Lime & Broken Chert	3567	3605	Took Acid 4 hr - 45 Min. Swab 5 bbl.		
Chert	3605	3625	per hr, no water, 200' off bottom.		
Shale	3625	3686	Run 2" Tubing and 3/4" Rods - Put on Pump.		
Lime	3686	3691 TD	4 hr. pumping potential - 20 bbl. oil,		
			no water - 10-8-42.		
			Allowable 15 bbl. per day - Eff. 10-8-42		
			First Work	9-6-42	
			Drilling Commenced	9-13-42	
			Drilling Completed	9-23-42	
			Tubing & Rods Landed	10-7-42	
			Well Completed	10-7-42	
			Potential Effective	10-8-42	
			<u>Permanent Bench Mark</u>		
			Center of Side Outlet		
			on Bradenhead	-	1878'