

STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Rooks County, Sec. 19 Twp. 9 Rge. 20 (E) W (W)

Location as "NE/CNW/SW" or footage from lines 990'S & 990'W SW/4

Lease Owner Sinclair Oil & Gas Company

Lease Name Copeland Well No. 4

Office Address Great Bend, Kansas

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

Date well completed NOVEMBER 18, 1949

Application for plugging filed SEPTEMBER 28, 1966

Application for plugging approved SEPTEMBER 29, 1966

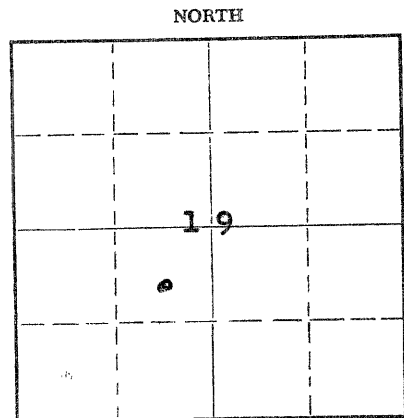
Plugging commenced 10-21-66 19

Plugging completed 10-27-66 19

Reason for abandonment of well or producing formation Depleted.

If a producing well is abandoned, date of last production APRIL 1963

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



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well Leo Massey

Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3941 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
				10-3/4"	238'	None
				7"	3940'	718'
				5 1/2"	?	2164'

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.

Checked hole to plugback @ 3800', sanded hole to 3750' and dumped 7 sacks of cement @ 3750' with dump bailer. Pulled 5 1/2" & 7" casing, bailed hole to 300', set rock bridge to 290' and filled hole with 8 yards of ready-mix cement.

STATE CORPORATION COMMISSION
11/18/66
NOV 8 1966
CONSERVATION DIVISION
WICHITA, KANSAS

PLUGGING COMPLETE.

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

Name of Plugging Contractor KNIGHT CASING PULLING COMPANY

Address CHASE, KANSAS

STATE OF Kansas COUNTY OF Rice, ss.

Noel J. Knight (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) Noel J. Knight

Chase, Kansas

(Address)

SUBSCRIBED AND SWORN TO before me this 4th day of November, 1966

Milton J. Doherty

Notary Public.

My commission expires May 20, 1968

19-9-300 15-163-02718-00

FORM 103

SINCLAIR OIL & GAS COMPANY

STATE PERMIT _____
AUTHORIZATION NO. **303**

RECORD OF WELL NO. **4** **Harold Copeland** FARM
SEC. **19** TWP. **9** RANGE **20N** COUNTY OR PARISH **Neosho** STATE **Kansas** ACRES **240**
BLOCK **Gre-Neosho Pool** LOCATION OF WELL **990' from South and West Lines of the SW/4**
SURVEY _____

(SHOW ALL MEASUREMENTS FROM SURFACE LEVEL)
ELEVATION: SURFACE _____ RIG FLOOR **2284**
LOCATION STAKED BY **County Engineer** DATE **10-26-49**
DRILLING CONTRACTOR **Harbar Drilling Co.**
KIND OF TOOLS USED. CABLE FROM _____ TO _____
ROTARY FROM **0** TO **3943**
DATE DRILLING COMMENCED **11-4-49** COMPLETED **11-18-49**
DATE COMPLETED TESTING _____ FIRST PRODUCTION **2-5-50**
TOTAL DEPTH **3943** PBD **3908** METHOD OF PRODUCING **Pumping**
1ST 24 HRS. NATURAL **12 BWH** AFTER SHOT OR ACID _____
24 HR POTENTIAL AT COMPLETION -- OIL **210** WATER **160** CHOKE _____
ALLOWABLE PRODUCTION PER DAY _____ PER CALENDAR DAY _____
API GRAVITY OF CRUDE OIL @ 60° F. _____ GOR _____
TUBINGHEAD PRESSURE _____ PSIG KIND OF MUD USED DURING COMPLETION **Conn. water Based.**
VOLUME _____ CU FT
DEVIATION TESTS **1000' - 1/8; 1550' - 1/4; 2000' - 3/4; 2575' - 1/4; 3000' - 0; 3525' - 3/4;**
HOLE SIZE BEHIND OIL STRING CSG **9"** SIZE OF HOLE BELOW CSG **9"**
CORE RECORDED _____ NUMBER OF CORES _____ DEPTH _____ LAB NUMBER _____

WAS ELECTRICAL LOG MADE **11-17-49** TOP _____ BOTTOM **3933** SERVICE CO. **Schlumberger**
WAS RADIO-ACTIVE LOG MADE _____ TOP _____ BOTTOM _____ SERVICE CO. _____
TEMPERATURE SURVEY _____ INDICATED TOP OF CEMENT _____
SET WHIPSTOCKS AT _____ SPECIAL CEMENTING JOBS **See Perforation Report.**

PRODUCING FORMATIONS	TOP	BOTTOM	THICK	PRODUCING FORMATIONS	TOP	BOTTOM	THICK
1ST Artuckle Line	3832			5TH			
2ND				6TH			
3RD				7TH			
4TH				8TH			

PERFORATION REPORT:

DATE	NO HOLES	DEPTH	TO	TYPE OF SHOT	PRESNT STATUS
11-24-49	12	3837	3840	Kone	Squeezed w/60 sks.
11-29-49	24	3830	3836	Kone	Squeezed w/150 sks.
12-5-49	12	3832	3834	Kone	Squeezed w/160 sks.
12-10-49	12	3832	3834	Kone	Squeezed w/75 sks.
12-21-49	12	3834	3836	Kone	Squeezed w/200 sks.
12-23-49	60	3811	3821	Kone	
12-29-49	12	3833	3835	Kone	

SHOT REPORT—COMPANY	DATE	QUARTS	SIZE & LENGTH	ANCHOR	SHOT BETWEEN
1.					FT. FT.
2.					FT. FT.

TREATED -- ACID -- FRACTURES ETC.

FROM	TO	TYPE TREATMENT	GALLONS OR BARRELS	SAND POUNDS	LOAD BBLs.	MIN PRES	NET OIL REC.
3832	FT. 3834	FT. Dowell	500 Gal.			0 - 0	
3832	FT. 3834	FT. Dowell	500 Gal.			0 - 0	
3834	FT. 3836	FT. Dowell	500 Gal.			0 - 0	
3833	FT. 3835	FT. Dowell	500 Gal.			420-Pas.	
FT.	FT.	FT.					
FT.	FT.	FT.					
FT.	FT.	FT.					
FT.	FT.	FT.					

NOV 24 1950

CONSERVATION DIVISION
Wichita, Kansas

CASING, TUBING AND SUCKER RODS

CASING IN WELL						AMOUNT PULLED				NOW IN WELL		
SIZE O.D.	NEW S H	WEIGHT PER FT	FEET	SET AT DEPTH	GRADE, KIND, RANGE	THREAD	SACKS CEMENT	DATE	SIZE	FEET	WEIGHT PER FT.	FEET
10-3/4	H	40	238	238	J-55 R-2 SS	ER	125					
7"	H	23	3940	3940	J-55 R-2 SS	ER	275					


RECORD OF WELL No. 4

Harold Copeland

FARVI

(Show all measurements from surface level)

FORMATION AND COLOR	THICK- NESS OF STRATA	TOTAL DEPTH	FORMATION	THICK- NESS OF STRATA	TOTAL DEPTH
Bottom Cellar - Surface Level		5'			
Surface Level - Derrick Floor		2'			
Derrick Floor - Top Rotary Bushing		2'			
Zero Point 7.65					
Drillers Log Corrected to Surface Level					
Surface Clay & Sand		76'			
Shale & Shells		242			
Set 10-3/4" O 243'w/125 sx					
Shale & Sand (drlg 9"hole)		776			
Sand		846			
Sandy Shale		906			
Shale		1271			
Sand-Shale		1546			
Red Bed & Shale		1771			
Anhydrite		1806			
Red Bed-Salt-Shale		2076			
Salt-Shale		2221			
Lime & Shale		2726			
Shale & Lime		2856			
Lime & Shale		3156			
Shale & Lime		3221			
Lime & Shale		3336			
Lime		3581			
Lime & Shale		3461			
Lime		3941 TD			
Set 7"OD csg = 3941'w/275 sx					
Total depth drilled 3941'					
Plugged back TD or top cement 3908'					
Top	Kans City	Schlumberger	3244'	3746'	3746'
	Conglomerate	?	?	3006'	3006'
	Simpson		3019'	3621'	3621'
	Arbuckle		3030'	3832'	3832'


 NOV 14 1950
 CORRELATION DIVISION
 Wichita, Kansas