

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

WELL PLUGGING RECORD
 K.A.R.-82-3-117

API NUMBER Drilled Oct. 1949

LEASE NAME Copeland

WELL NUMBER 3

2970 Ft. from S Section Line

4950 Ft. from E Section Line

SEC. 19 TWP. 9S RGE. 20 XX (E) or (W)

COUNTY Rooks

Date Well Completed 11/49

Plugging Commenced 6-27-90

Plugging Completed 6-28-90

LEASE OPERATOR Petroleum Production Management, Inc.

ADDRESS 209 E. William, Suite 200, Wichita, KS 67202

PHONE# (316) 265-4651 OPERATORS LICENSE NO. 6234

Character of Well oil

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? Yes

Which KCC/KDHE Joint Office did you notify? District #4

Is ACO-1 filed? NO If not, is well log attached? Yes - attached to CP-1

Producing Formation KC-Arbuckle Depth to Top 3545 Bottom 3946 T.D. 3946

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 ^{KCC} _{DATE}	Pulled out _{DATE}
KC	oil	3545	3740	8 5/8	485 4/95	0 7/13/90
Arbuckle	oil	3840	3946	5 1/2	3938 3/94	0

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 plug were used, state the character of same and depth placed, from feet to feet each set.

Ran 125 jts. 2 7/8" to T/fill @ 3715'. BJ Services pumped 55 sx. 65-35 Poz., 10% gel, 1/4# flo/sx w/2 sx hulls from 3710' to 2805'. Pick up to 3386' and pmp. 33 hbbs gel mud to 2034'. Pick up to 1792' & perf. 3 holes @ 1850'. Pump 80 sx. from 1850' to 533'. Pull up to 1022' & perf @ 1050'. Circ. to surf. w/110 sx. Sgz. bradenhead w/40 sx. @ 600 psi. Tie back into (over)

Name of Plugging Contractor Ostrom Well Service - BJ Services License No. _____

Address Plainville - Oakley

STATE OF Kansas COUNTY OF Sedgwick, ss.

Steve Park (Employee of Operator) or (Operator) of 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 that the same are true and correct, so help me God.

(Signature) Steve Park

(Address) 209 E. William, Ste 200, Wichita, KS

2nd day of July, 19 90

TO before me this _____ day of _____, 19 _____



Margaret A. Marx
 Notary Public

My Commission Expires: 3-1-92

5 1/2" & sqz. w/40 sx. SIP-150#. Checked T/cem. @ 200' 6-27-90. Filled to surface 6/28/90.
Witnessed by Dennis Hamel, KCC.

STATE OF KENTUCKY
DEPARTMENT OF REVENUE
TAX COLLECTOR

15-163-02247-00-00

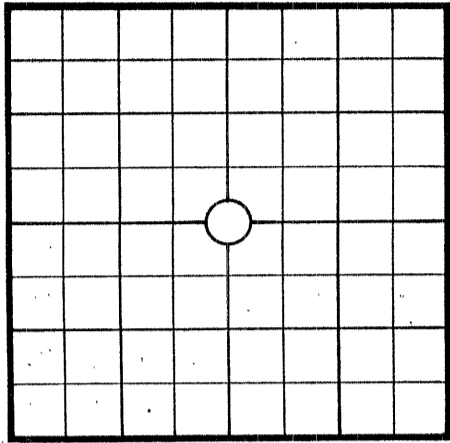
SINCLAIR OIL & GAS COMPANY
SINCLAIR PRAIRIE OIL COMPANY

State Permit _____
Authorization No. 290

RECORD OF WELL No. 3
Sec. 19 Twp. 23 Range 201
Block _____
Survey _____

Harold Copeland FARM

County Boonville State Kansas Acres _____
Brief Description of Lease _____



_____ feet from North line _____ feet from East line
330 feet from South line 330 feet from West line
Elevation: Surface _____ Rig floor 2202'
Height Substructure _____ Depth cellar _____

Location staked by County Engr Date Sept 19, 1949
Rig commenced _____ Kind of Rig Portable drilling
Rig completed _____ Rig Contractor _____

KIND OF TOOLS USED

Standard, from _____ to 3946
Rotary, from _____ to _____
Machine, from _____ to _____
Special tools _____
Kind of mud _____

Date Drilling Commenced Sept. 22, 1949 2:30PM
Date Drilling Completed Oct. 4, 1949
Drilling Contractor Harbor Drilling Co
Date First Production Oct. 23, 1949
Total Depth PD-12905' top of cement Ft.

FUEL AND WATER Furnished by Harbor Drig Co

Method of Producing Pumping
1st 24 hrs. Natural _____ bbls.
2nd 24 hrs. Natural _____ bbls.
1st 24 hrs. after shot or acid _____ bbls.
2nd 24 hrs. after shot or acid _____ bbls.
Allowable Production _____ bbls.
Gravity _____
Gas Well { Rock Pressure _____ lbs.
Volume _____ cubic lbs.

Gas used drilling _____ Days _____
Gas used cleaning out _____ Days _____
Gas purchased from _____
Water used drilling _____ Days _____
Water used cleaning out _____ Days _____
Water purchased from _____

Geologist or Engineer working on well R.C. Foley
Who furnished data formation control points? _____

Deviation Test: 1000' 3/4, 2000' 3/4, 2500' 0, 3000' 1, 3500' 1 1/2

Core Record: _____ Number of Cores _____ Depth _____ Lab. Number _____

Was Electrical Log made yes Date 10/4/1949 Depth 3946' By Whom Schlumberger

Bottom Hole Pressure Tests _____

Temperature Survey _____

Set Whipstocks at _____

Special Cementing Jobs _____

Special Jobs _____

APPROVED
MAY 14 1949
CONSERVATION
Wichita, Kansas

RECORD OF WELL No. 3

Harold Copeland FARM

PRODUCING FORMATIONS	Top	Bottom	Thickness	DATE OF SHOT	SHOT BETWEEN
1st	<u>3020</u>			19	feet and _____ feet
2nd				19	feet and _____ feet
3rd				19	feet and _____ feet
4th				19	feet and _____ feet
5th				19	feet and _____ feet

SHOT REPORT

PUT IN BY	No. Quarts	No. feet of shell	Size shell	No. feet of anchor	Result
1st					
2nd					

PERFORATION REPORT: Date Oct. 9, 1949 No. holes 26 Depth 3040 to 3099' Arbuckle
Oct. 16, 1949, 24 holes 3030-3042' Arbuckle
Oct. 23, 1949, 12 holes 3040-3042' "

ACIDIZATION REPORT: Date Oct 9, 1949 No. Gallons 1,000 Load Oil _____ bbls.
 Depth 3040-3033' Formation Arbuckle
 Kind of acid _____ By Whom Dovell
 Results After stabbed to bottom, swabbed 20 bbl water an hr, slight show oil
1175' - 1200'

Date Oct. 16, 1949 No. Gallons 1,000 Load Oil _____ bbls.
 Depth 3030-32' Formation Arbuckle
 Kind of acid _____ By Whom Dovell
 Results Stabbed 2 bbl oil, no water per hr, 3 hrs.
000' to vac.

Date Oct 16, 1949 No. Gallons 2,000 Load Oil _____ bbls.
 Depth 3030-3042' Formation Arbuckle
 Kind of acid _____ By Whom Dovell
 Results Stabbed 25 bbl wtr an hr small oil show, for 4 hrs
Oct. 23, 1949, acid 1,200 gal to 1900' swabbed 2 bbl oil, no wtr, an hr for 6 hr

PACKER SET AT	DATE SET	SIZE AND KIND OF PACKER
1st _____ feet _____ 19 _____		
2nd _____ feet _____ 19 _____		

CASING, TUBING AND SUCKER RODS

CASING RUN IN WELL <u>this off</u>							AMOUNT PULLED			NOW IN WELL	
Size O.D.	Weight Per Ft.	Feet	Grade-Range-Kind	Thread	New Second Hand	Sacks Cement	Date	Size	Feet	Weight Per Ft.	Feet
<u>6-5/8"</u>	<u>32.5</u>	<u>105</u>	<u>33</u>	<u>UV</u>	<u>31</u>	<u>250</u>					
<u>5-1/2"</u>	<u>15.5</u>	<u>3730</u>	<u>33 12</u>	<u>J55</u>	<u>11</u>	<u>350</u>					

SCREEN SETTING REPORT: _____

Water Well, Depth _____ feet. Casing, size _____ feet. Casing, Size _____ feet.
 Tubing, size _____ feet. Sucker Rods, size and kind _____ feet.
 Any Junk Equipment, Tools or Pipe left in hole at completion of drilling: NO

REMARKS: _____

14 14 1998
 CONSERVATION DIVISION
 Wichita, Kansas

RECORD OF WELL No. 3
 (Show all measurements from surface level)

Harold Copeland FARM

FORMATION AND COLOR	THICK- NESS OF STRATA	TOTAL DEPTH	FORMATION	THICK- NESS OF STRATA	TOTAL DEPTH
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Bottom Collar - Surface Level	5'				
Surface Level - Derrick Floor	2'				
Derrick Floor - Top Kelly Dushing	2'				
Zero Point - 7.50 minus 4.35 (spider to nipple in collar)	3.15'				

Drillers Log
 Corrected to Surface Level

Surface Soils & Clay	40'				
Sand	65				
Shale	170				
Shale	503				
3 qt 3-5/8" csg at 439' w/250 sz.					
Shale	750				
Sand	850				
Sandy Shale	960				
Shale	1360				
Sand	1500				
Shale	1540				
Red Dod-Shale-Anhydrite	1836				
Red Dod-Shale	1966				
Red Dod-S alt	2101				
Shale-Shells	2271				
Shale	2336				
Lime & Shale	2391				
Lime & Shale	2756				
Lime	2926				
Lime & Shale	3431				
Shale & Lime	3491				
Lime & Shale	3591				
Lime	3591				
Shale & Lime	3636				
Lime & Shale	3681				
Lime	3946-2D-brid.				
Top Artuckle	3940'				
5-1/2" csg set @	3940' w/250 sz.				
Top cement plug	3905' not drilled.				
Topoka	3292'				
Hedrick	3501				
Dodge	3524				
Gas City	3540				
Conglomerate	3810				

STATE DEPARTMENT OF GEOLOGY
 DIVISION OF PETROLEUM
 NOV 14 1948
 WICHITA, KANSAS

RECORD OF WELL No. 3

Harold Copeland FARM

CONDITION OF WELL AT COMPLETION DATE

(Give completion data same as on drilling reports)

Harbar Drilling Co., began drlg Sept. 22, 1949, Completed Oct. 4, 1949.

Completed perforating acidizing & testing Oct. 23, 1949.

Set 4-5/8" csg at 409' w/250 mx

Set 5-1/2" csg at 3940' w/250 mx (top cement 3905')

Top Arbuckle 3840'

Perforated Arbuckle 24 holes 3840-3844' 1/2 bbl oil an hr.

Acidized 1000 gals, swabbed down, swab 20 bbl water an hr off bottom, slight oil show.

Set Baker cement retainer spaced 60 mx in perforations.

Perforated Arbuckle 24 holes 3898-3842' Acid 1000 gals Swab 2 bbl oil no wtr an hr

Re-acidized 2000 gals., Swabbed 25 bbl wtr small oil show per hr.

Set Baker cement retainer spaced 125 mx int in perforations

Drilled retainer & cement to 3905'

Perforated 12 holes in Arbuckle 3840-3842' Acidized 1200 gals. Swabbed 2 bbl oil, no water an hour for 6 hours. Minimum allowable 25 bbls daily Oct. 24, 1949. PL-20 3905'

PRESENT CONDITION OF WELL Setting pumping equipment.

APPROVED: DATE:

E. A. Williams

DISTRICT SUPERINTENDENT

DIVISION SUPERINTENDENT

ENGINEER — GEOLOGIST

WHEN WELL IS ABANDONED:

Date	IN.		IN.		IN.		IN.		IN.	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.

CASING PULLED
 CASING LEFT IN
 STATE COMMISSION

MAY 14 1990
 CONSERVATION DIVISION
 WICHITA, KANSAS