

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

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

KC: Dist. 4 15-163-19340-00-01
JUN 7 1985

API NUMBER Dr1. Aug. 1950

LEASE NAME Copeland

WELL NUMBER 6

2970 Ft. from S Section Line

3630 Ft. from E Section Line

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

COUNTY Rooks

Date Well Completed Sept. 1950

Plugging Commenced 6-28-90

Plugging Completed 6-28-90

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

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, Arb. Depth to Top 3542 Bottom 3832 T.D. 3832

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
KC	oil	3542	3738	10-3/4	275	0
Arb.	oil	3821	3832	7"	3821	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 plugs were used, state the character of same and depth placed, from feet to feet each set.

Ran 124 jts. 2-7/8" to 3741'. BJ Services pump 60 sx. 65/35 Poz. 10% Gel, 1/4# Flo/sk & 3 sx. hulls from 3741 to 3144'. Pick up to 3392' & pump 55 bbl. gel mud to 2033'. Pick up to 1805' & perf. 3 holes @ 1850'. Pump 135 sx. from 1850' to 506'. Pick up to 1012' & perf. @ 1050'. Pump 170 sx. & circ. to surface. Pull tbg. Squeeze 7" w/100 sx. Squeeze surf. csg. w/100 sx.

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

SIP-400 psi. Tie back into 7" & squeeze w/35 sx. SIP-500 psi. Witnessed by Dennis Hamel, KCC.

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

T/cement in 7" 3' below surface.

Address Plainville - Oakley

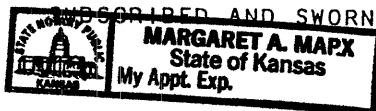
7/3/90

STATE OF KS. 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 Suite 200
Wichita, KS 67202



My Commission Expires: 3-1-92

Margaret A. Mapx
Notary Public

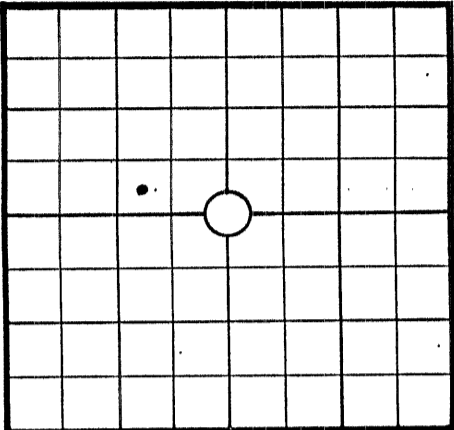
SINCLAIR OIL & GAS COMPANY

State Permit _____
Authorization No. 302

RECORD OF WELL No. 6 SE 1/4, NW 1/4 Harold Copeland FARM

Sec. 19 Twp. 23 Range 20N
Block _____
Survey _____

County Boone State Kans Acres _____
Brief Description of Lease NW 1/4



_____ 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 Gen Cons. Co., Eng. Date Aug 16, 1950
Rig commenced _____ Kind of Rig Portable drilling
Rig completed _____ Rig Contractor _____

KIND OF TOOLS USED

Standard, from _____ to _____
Rotary, from _____ 0 to 3027
Machine, from _____ to _____
Special tools _____
Kind of mud _____

Date Drilling Commenced Aug. 19, 1950 1:30AM
Date Drilling Completed Aug. 30, 1950
Drilling Contractor Harbor Drilling Co
Date First Production Sept. 7, 1950
Total Depth 3027' Ft.

FUEL AND WATER = furnished by Harbor Drilg Co.

Method of Producing Pumping
1st 24 hrs. Natural indicated capacity 4,023 bbls.
Random 3,000 bbl well
2nd 24 hrs. Natural _____ bbls.
1st 24 hrs. after shot or acid _____ bbls.
2nd 24 hrs. after shot or acid _____ bbls.
Allowable Production 62 bbl daily 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: 500' 2", 1050' 1", 1750' 1", 2000' 3/4, 2400' 1/2, 3100' 1/2, 3020' 3/4.

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

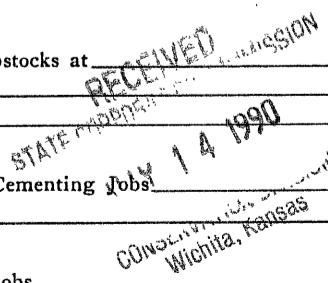
Was Electrical Log made yes Date 8/31/1950 Depth 3027' By Whom Schlumberger

Bottom Hole Pressure Tests _____ Temperature Survey _____

Set Whipstocks at _____

Special Cementing Jobs _____

Special Jobs _____



RECORD OF WELL No. 6 Herold Copeland FARM

PRODUCING FORMATIONS	Top	Bottom	Thickness	DATE OF SHOT	SHOT BETWEEN
1st <u>Producing 2330</u>	<u>3011</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 _____ No. holes _____ Depth _____ to _____

ACIDIZATION REPORT: Date _____ No. Gallons _____ Load Oil _____ bbls.
 Depth _____ Formation _____
 Kind of acid _____ By Whom _____
 Results _____

Date _____ No. Gallons _____ Load Oil _____ bbls.
 Depth _____ Formation _____
 Kind of acid _____ By Whom _____
 Results _____

Date _____ No. Gallons _____ Load Oil _____ bbls.
 Depth _____ Formation _____
 Kind of acid _____ By Whom _____
 Results _____

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 (thds off)

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>10-3/4"</u>	<u>40.5</u>	<u>270</u>	<u>J55 12 53</u>	<u>GI</u>	<u>N</u>	<u>250 /</u>					
<u>7"</u>	<u>23</u>	<u>3020</u>	<u>J55 12 53</u>	<u>GI</u>	<u>N</u>	<u>200 /</u>					
<u>2-1/2"</u>	<u>6.5</u>	<u>3032</u>	<u>J55 12 53</u>	<u>GI</u>	<u>B 122</u>	<u>0 to</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: _____

RECEIVED
 STATE CORPORATION COMMISSION
 MAY 14 1990
 CONSERVATION DIVISION
 Wichita, Kansas

No. 6

Harold Copeland

FARM

(Show all measurements from surface level)

FORMATION AND COLOR	THICK- NESS OF STRATA	TOTAL DEPTH
---------------------	--------------------------------	----------------

FORMATION	THICK- NESS OF STRATA	TOTAL DEPTH
-----------	--------------------------------	----------------

Bottom Cellar to Surface Level 4'
 Surface Level to Derrick Floor 2.15'
 Derrick Floor to Top Rotary Dushing 2.50'
 Zero point 6.22' in Kelly Dushing.

Drillers Log

Made 5' correction to surface level

Clay & Sand	85'
Shale & Shells	275
10-3/4" csg set @ 275' w/250 oz cnt. (drilg 9" hole)	
Shale	600
Shale & Shells	1045
Sandy Shale	1140
Shale & Shells	1170
Sand	1235
Shale-Shells-Sand	1476
Red Bed & Shale	1725
Shale & Shells	1795
Anhydrite	1835
Red Bed-Shale-Shells	2145
Lime & Shale	2410
Shale & Lime	2437
Lime & Shale	2757
Shale	3020
Shale & Lime	3115
Lime & Shale	3003
Conglomerate	3005
Simpson Shale	3016
Arbuckle Lime	3027' TD -

7" csg set @ 3021 1/2' w/200 oz cnt.

Sample Tops

Lansing	3534'
Conglomerate	3798
Simpson Shale	3005
Arbuckle	3021

21.5
 5.0
 26.5
 should be 7" csg. corrected
 to E/k 16RN depths.
 T.D should

4.65 A.B.L = E/k mensur

RECEIVED
 STATE CORPORATION COMMISSION
 MAY 14 1990
 CONSERVATION DIVISION
 Wichita, Kansas

RECORD OF WELL No. 4 Harold Copeland FARM

CONDITION OF WELL AT COMPLETION DATE

(Give completion data same as on drilling reports)

Harbor Drilling Co., Rotary tools.
 Began drlg Aug 19, 1950. Completed drlg Aug 30, 1950. Ran Schlumberger Aug 31, 1950.
 Completed drilling in & testing Sept. 7, 1950. No acidizing.

Set 10-3/4" casg @ 275' w/250 sz cnt.
 Set 7"OD casg @ 3021' w/200 sz cnt.

Top Arbuckle Line 3021' TD 3027'

Drilled cement plug, cleaned out to bottom, filled up 500' oil in 25 mins., 1000' in 1 hr;
 2600' in 4 hrs. Scrubbed 5 hrs at rate of 35 bbls oil, no water per hr in 2950' in top.
 No acid used. Sept 7, 1950 static Draw-down test made indicated potential 4,020 bbls for
 a 2,000 bbl maximum well. 20 acre spacing, Sept. daily allowable 62 bbls.

PRESENT CONDITION OF WELL

APPROVED: DATE:

E.H. Williams
 DISTRICT SUPERINTENDENT
Jack H. Gank OCT 19 1950
 DIVISION SUPERINTENDENT
 ENGINEER — GEOLOGIST

WHEN WELL IS ABANDONED:

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

STATE COMMISSION
 RECEIVED
 MAY 19 1950
 UNDERVALUED DIVISION
 Wichita, Kansas

CASING PULLED
 CASING LEFT-IN