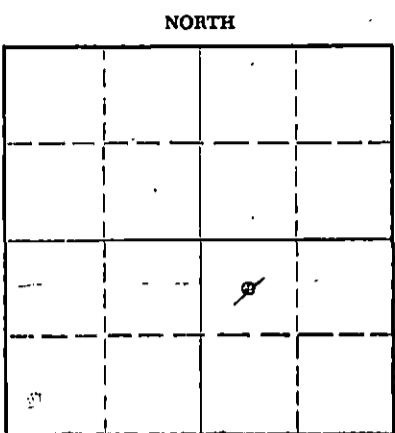


WELL PLUGGING RECORD

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

Clark County, Sec. 8 Twp. 35S Rge. (E) 21 (W)

Location as "NE/CNWxSWx" or footage from lines EDMUND/ALAM C NW SE  
Lease Owner Sinclair Oil & Gas Company  
Lease Name C. H. Tuttle Well No. 1  
Office Address Box 521, Tulsa, Oklahoma  
Character of Well (completed as Oil, Gas or Dry Hole) Gas  
Date well completed September 12, 1961  
Application for plugging filed January 1964  
Application for plugging approved January 29 1964  
Plugging commenced March 3, 1964  
Plugging completed March 15 1964  
Reason for abandonment of well or producing formation Gas Depleted



Locate well correctly on above Section Plot

If a producing well is abandoned, date of last production December 1963  
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 Hugh Scott, Sublette, Kansas  
Producing formation Morrow Depth to top 5590 Bottom 5609 Total Depth of Well 5653 FB 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
Morrow Sand	Gas	5590	5609	30"	25'	None
				13-3/8"	600'	None
				9-5/8"	2886'	75'
				4-1/2"	5695'	4505'

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.

Pumped in cement plug of 10 sacks cement thru perforations 5590-5606', top of plug at 5300'. Shot 4-1/2" casing off at approximately 4505' and pulled out. Pulled 9-5/8" casing off at 75', unable to screw back on. Pumped 50 sacks cement plug 600' to 535' and filled with heavy mud to 50', pumped cement plug of 25 sacks from 50' to surface and welded steel plate on surface casing.

RECEIVED  
STATE CORPORATION COMMISSION

MAR 23 1964

CONSERVATION DIVISION  
Wichita, Kansas

RECEIVED  
STATE CORPORATION COMMISSION

MAR 18 1964

CONSERVATION DIVISION  
Wichita, Kansas

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

Name of Plugging Contractor Gayle E. Toland  
Address Box 4336, Oklahoma City, Oklahoma

STATE OF Oklahoma, COUNTY OF Oklahoma, ss.  
Norrell Thomas (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) Norrell Thomas

311 Fidelity National Bldg., Oklahoma City, Okla.  
(Address)

SUBSCRIBED AND SWORN TO before me this 17th day of March, 19 64

My commission expires May 22, 1964

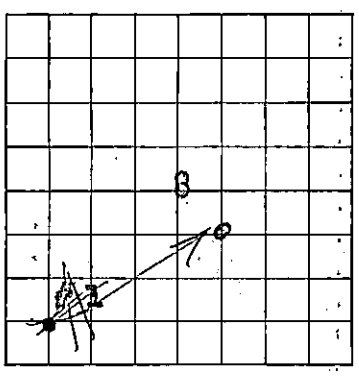
Notary Public.

STATE PERMIT \_\_\_\_\_  
 AUTHORIZATION NO. 1616  
 RECORD OF WELL No. 1  
 SEC 8 TWP 35S RANGE 21W COUNTY OR PARISH Clark STATE Kansas ACRES 774.76  
 BLOCK \_\_\_\_\_ LOCATION OF WELL 660' E/North line & 660' W/West line of SE/4  
 SURVEY \_\_\_\_\_ of Section 8-35S-21W, Clark County, Kansas

SINCLAIR OIL & GAS COMPANY  
 WELL LOG

15-025-00054-0000 SHEET NO. 1 FORM 103

C. H. Tuttle



(SHOW ALL MEASUREMENTS FROM SURFACE LEVEL)  
 ELEVATION: SURFACE 1882' RIG FLOOR 1890'  
 LOCATION STAKED BY Helfast Engr. Co. DATE 7-1-61  
 DRILLING CONTRACTOR Barbour Drilg. Co.  
 KIND OF TOOLS USED, CABLE FROM \_\_\_\_\_ TO \_\_\_\_\_  
 ROTARY FROM 0 TO 7600'  
 DATE DRILLING COMMENCED 7-11-61 COMPLETED 8-30-61  
 DATE COMPLETED TESTING 9-12-61 FIRST PRODUCTION Gas Well - No on  
 TOTAL DEPTH 7600 PBTD 5653' METHOD OF PRODUCING line 11-2-61  
 1ST 24 HRS. NATURAL 2,600 MCF - DST AFTER SHOT OR ACID 8,500 MCF per day  
 24 HR. POTENTIAL AT COMPLETION — OIL \_\_\_\_\_ WATER \_\_\_\_\_ CHOKE \_\_\_\_\_  
 ALLOWABLE PRODUCTION, PER DAY \_\_\_\_\_ PER CALENDAR DAY \_\_\_\_\_  
 API GRAVITY OF CRUDE OIL @ 60° F \_\_\_\_\_ GOR \_\_\_\_\_

GAS WELL

TUBINGHEAD PRESSURE 600 PSIG KIND OF MUD USED DURING COMPLETION \_\_\_\_\_  
 VOLUME 8,500,000 CU. FT.  
 DEVIATION TESTS: 600' - 1/4, 1815' - 1/2, 2620' - 1-1/2, 3260 - 1, 4067 - 1/4, 4700 - 1/4,  
5320 - 1/4, 5440 - 1/2, 5620 - 3/4, 6187' - 3/4, 7048 - 2, 7350 - 2, 7523 - 2-1/2 Dege.  
 HOLE SIZE BEHIND OIL STRING CSG 7 7/8" SIZE OF HOLE BELOW CSG Cement up in casing  
 CORE RECORD: None NUMBER OF CORES \_\_\_\_\_ DEPTH \_\_\_\_\_ LAB. NUMBER \_\_\_\_\_

WAS ELECTRICAL LOG MADE Yes TOP 2883 BOTTOM 7600 SERVICE CO. PGAC

WAS RADIO-ACTIVE LOG MADE Yes TOP 4000 BOTTOM 5653 SERVICE CO. Lane Wells

TEMPERATURE SURVEY \_\_\_\_\_ INDICATED TOP OF CEMENT \_\_\_\_\_  
 SET WHIPSTOCKS AT \_\_\_\_\_ SPECIAL CEMENTING JOBS \_\_\_\_\_

PRODUCING FORMATIONS	TOP	BOTTOM	THICK.	PRODUCING FORMATIONS	TOP	BOTTOM	THICK.
1ST <u>Narrow Sand</u>	<u>5590</u>	<u>5609</u>	<u>19'</u>	5TH			
2ND				6TH			
3RD				7TH			
4TH				8TH			

PERFORATION REPORT:  
 DATE 9-6-61 NO. HOLES 01 DEPTH 5590 TO 5609' TYPE OF SHOT Jet PRESENT STATUS Open

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 STATE CORPORATION COMMISSION  
 APR 3 1964

SHOT REPORT—COMPANY	DATE	QUARTS	SIZE & LENGTH	CONSTRUCTION	DIVISION	NOT BETWEEN
1. <u>No</u>				<u>Wichita, Kansas</u>		FT. FT.
2.						FT. FT.

FROM	TO	TYPE TREATMENT	GALLONS OR BARRELS	SAND POUNDS	LOAD - BBLs.	MAX. & NET
FT.	FT.					MIN. PRES. OIL REC.
<u>5590</u>	<u>5609</u>	<u>500 Gals Mud acid</u>				<u>2400</u>
<u>5590</u>	<u>5609</u>	<u>Sand-frac</u>	<u>20,000 Gals</u>	<u>20,000#</u>	<u>655</u>	<u>3400-2800</u>

CASING, TUBING AND SUCKER RODS

CASING, IN WELL							AMOUNT PULLED			NOW IN WELL	
SIZE O.D.	NEW WEIGHT S. H. PER FT.	FEET	SET AT DEPTH	GRADE, KIND, RANGE	THREAD	SACKS CEMENT	DATE	SIZE	FEET	WEIGHT PER FT.	FEET
<u>30"</u>	<u>New</u>	<u>25'</u>	<u>25'</u>	<u>RW PE Line</u>		<u>55</u>					
<u>13-3/8"</u>	<u>New 35.6</u>	<u>609'</u>	<u>600'</u>	<u>SW SJ A, mco</u>		<u>600</u>					
<u>9-5/8"</u>	<u>New 36</u>	<u>2886'</u>	<u>2886'</u>	<u>J-55</u>	<u>8R</u>	<u>200</u>					
<u>4-1/2"</u>	<u>New 10.50</u>	<u>5695'</u>	<u>5695'</u>	<u>J-55</u>	<u>8R</u>	<u>400</u>					
<u>2 7/8"</u>	<u>4.5</u>	<u>5590</u>	<u>5590</u>	<u>J-55</u>	<u>8R</u>						

SCREEN SETTING REPORT

None

KIND AND NUMBER OF SCRATCHERS USED Weatherford - 28

KIND AND NUMBER OF CENTRALIZERS USED " 5

PACKER SET AT \_\_\_\_\_ DATE SET \_\_\_\_\_ SIZE AND KIND OF PACKER \_\_\_\_\_

1ST \_\_\_\_\_ FEET \_\_\_\_\_ 19 \_\_\_\_\_

2ND \_\_\_\_\_ FEET \_\_\_\_\_ 19 \_\_\_\_\_

DRILL STEM TESTS

DATE	PACKER SET AT DEPTH	FORMATION		SIZE CHOKE		TOOL OPEN MIN.	FORMATION PRES.		RECOVERY - FEET				WAS TEST SATIS.
		FROM	TO	TOP	BOTTOM		FLOWING	SHUT-IN	OIL	WATER	MUD	OTHER	
8-6-61	5520	5520	5611	1	3/4	60	505	1969	30'	Dist.	2,600	NOF/Day	
8-7-61	5620	5620	5650	1	3/4	60	30	30			5'		
8-9-61	5798	5798	5884	1	3/4	60	119	123			15'		
8-27-61	7366	7366	7425	1	3/4	60	1542	2929		360'	Kindy St		
8-30-61	7508	7508	7600	1	3/4"	60	822	2785		360'	do		

WAS ANY JUNK EQUIPMENT TOOLS OR PIPE LEFT IN HOLE AT COMPLETION OF DRILLING? No

REMARKS: 1 1/2" casing set at 5695' - Top of cement up in 1 1/2" csg. 5653'

PLUGBACK AND PLUGGING RECORD

DATE	TYPE PLUG	FROM	TO
8-31-61	Cement	7600	5653'

(SHOW ALL MEASUREMENTS FROM SURFACE LEVEL)

APPROVED:

**COPY ORIGINAL SIGNED C. E. MOST**

DISTRICT SUPERINTENDENT

DIVISION SUPERINTENDENT

ENGINEER - GEOLOGIST

FORMATION	DEPTH TO TOP	SUB SEA ELEV.	FORMATION	DEPTH TO TOP	SUB SEA ELEV.
<b>GEOLOGICAL TOPS FROM ELEC. LOG.</b>					
Topeka	3406'	3524'			
Elgin Sand	4227'	2345'			
Heebner	4367'	2465'			
Lovell Sand	4406'	2524'			
Toronto	4428'	2546'			
Lansing- KC	4552'	2670'			
Marmaton	5240'	3358'			
Cherokee	5381'	3499'			
Narrow Formation	5540'	3658'			
Low. Morrow Sd.	5592'	3710'			
Miss. (Chester)	5605'	3723'			
St. Genevieve	5786'	3904'			
St. Louis	5815'	3963'			
Spargen	6034'	4152'			
Warsaw	6304'	4422'			
Osage	6538'	4656'			
Kinderhook	6836'	4954'			
Viola	7117'	5235'			
Simpson Sand	7370'	5486'			
Arbuckle	7480'	5598'			
Total Depth	7600'				