

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

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

15-153-05184-00-01

API NUMBER None
LEASE NAME Cahoj Unit
WELL NUMBER 31
SPOT LOCATION 990'FNL & 330'
SEC. 17TWP. 1SRGE. 34 (E) or (W)
COUNTY Rawlins
Date Well Completed 9-28-59
Plugging Commenced 1-26-84
Plugging Completed 1-27-84

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

LEASE OPERATOR Getty Oil Company
ADDRESS 2705 Vine, Unit #4, Hays, KS 67601
PHONE # (913) 628-1039 OPERATORS LICENSE NO. 6237

Character of Well Injection
(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? Conservation Division

Is ACO-1 filed? Yes If not, is well log attached? _____

Producing formation _____ Depth to top _____ bottom _____ T.D. 4340'

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
Lansing Lime	Water	4008'	4253'	8-5/8"	441'	None
				5 1/2"	4337'	None

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 2-3/8"OD open-ended to 4266'. Pumped 45 sks 50-50 poz w/ 6% gel & 3% CaCl2. Pulled tbg. Ran SLM & tagged cmt @ 3840'. Filled csg. w/ 9.1#/gal mud 3840-2800'. Perf 3 holes 2790-91'. Checked top of cmt @ 3847' by SLM. Ran retainer on tbg. Set retainer @ 2695'. Cmt'd w/ 150 sks 50-50 poz, 6% gel & 3% CaCl2. Displaced w/ gelled wtr. Un-strung from retainer. Pumped 43 bbl gelled wtr. POOH w/ setting tool. Ran tbg open-ended to 470'. Pumped 40 sks 50-50 poz w/ 6% gel & 3% CaCl2. Cmt circ (if additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Halliburton Services License No. 5287
Address Box 47, Oberlin, KS 67749

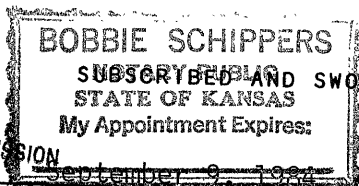
STATE OF Kansas COUNTY OF Ellis, ss.

Frank Renard (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) Frank Renard

(Address) 2705 Vine, Unit #4, Hays, KS 67601

Subscribed and sworn to before me this 2nd day of February, 1984
Bobbie Schippers
Notary Public



RECEIVED
STATE CORPORATION COMMISSION
My Commission expires: September 2, 1984

FEB 03 1984
02-03-84
CONSERVATION DIVISION
Wichita, Kansas

to surface. Pulled tubing. Hooked up to bradenhead. Pumped
11 bbl. 50-50 poz down $5\frac{1}{2}$ - 8-5/8" annulus. Pressured to 750
psi. Shut in with 200 psi on bradenhead. Welded steel plate
and backfilled & leveled location. Job complete 1-27-84.

OPERATOR Getty Oil Company LEASE NAME Cahoj # 31 SEC. 17 TWP. 1S RGE. 34W

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.	FILL IN WELL LOG AS REQUIRED:		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand & shale	0	452		
Shale	452	1230		
Shale & shells	1230	2093		
Shale	2093	2310		
Shale & lime	2310	2370		
Shale	2370	2575		
Lime & shale	2575	2780	Tops	
Shale	2780	2793		
Anhydrite	2793	3003		
Lime, shale & shells	3003	3105		
Shale & shells	3105	3195		
Shale & lime	3195	3340		
Shale & shells	3340	3575		
Shale & lime	3575	3593	Council Grove	3372
Lime, cream, fine crystalline, fossiliferous	3593	3598		
Lime	3598	3635		
Shale & lime	3635	4010	Admire	3644
Lime, cream, dense to very fine crystalline	4010	4020	Topeka Lime	3818
			Oread	3907
			Leavenworth	3957
			Lansing Lime	4007
Lime, gray, fine crystalline	4020	4022		
Lime	4022	4030		
Sand, gray, fine-grained, soft	4030	4034		
Lime	4034	4060		
Lime, light gray, fine crystalline	4060	4063		
Lime	4063	4068		
Lime, fine gray crystalline	4068	4070		
Lime	4070	4086		
Lime, buff, finely crystalline	4086	4088		
Lime	4088	4115		
Lime, buff, finely crystalline and fossiliferous	4115	4117		
Lime	4117	4161		
Lime, buff, crypto-crystalline	4161	4167		
Lime	4167	4175		
Lime, buff, fine to coarsely crystalline	4175	4179		
Lime	4179	4204		
Lime, buff, finely crystalline	4204	4206		
Lime	4206	4340	Marmaton	4309
DST #1 - 3590'-3635'				
Open 1 hr.; weak blow dead in 45 mins; recovered 45'.				
Slightly oil specked mud. IBHP - 1180# in 30 mins., IFP - 0#, FFP-40#, FBHP - 925# in 30 mins.				
DST # 2- 4003 - 4034'				
Open 1 hr; weak blow dead in 4 mins., rec 10' heavy oil cut mud, IBHP - 1200# in 30 mins., IFP-20#, FFP-25#, FBHP-1000# in 30 mins.				
DST #3 - 4043'-4074'				
Open 1 hr., fair blow throughout, recovered 670' oil, IBHP - 1165# in 30 mins., IFP-90#, FFP-270#, FBHP-1070# in 30 mins.				
Set 8-5/8" casing at 446' w/300 sacks.				
Set 5-1/2" casing at 4339' w/250 sacks.				
Perforations: 4249'-4253', 4245'-4247', 4203'-4218', 4162'-4171', 4113'-4125', 4062'-4065', 4068'-4072', 4008'-4022', and 4027'-4036'				
Tested 3 hours for 63.75 BO, no water.				

RECEIVED
OCT 26 1983
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CONSERVATION DIVISION
Wichita, Kansas