

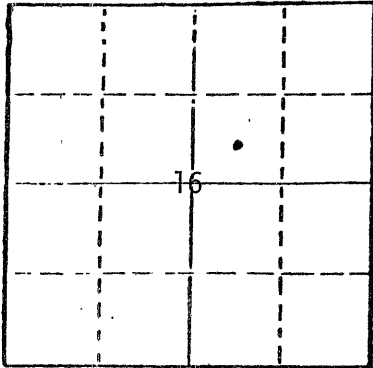
STATE OF KANSAS
STATE CORPORATION COMMISSION

15-153-05292-00-00

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Rawlins County, Sec. 16 Twp. 1S Rge. 34 ~~XX~~W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
C SW/4, NE/4
Lease Owner Getty Oil Co.
Lease Name Cahoj Unit Well No. 41
Office Address Box 339, Hays, KS 67601
Character of Well (Completed as Oil, Gas or Dry Hole)
Oil



Locate well correctly on above
Section Plat

Date Well completed May 16 1963
Application for plugging filed May 14 1980
Application for plugging approved May 19 1980
Plugging commenced May 28 1980
Plugging completed May 28 1980
Reason for abandonment of well or producing formation
Primary oil depleted
If a producing well is abandoned, date of last production
November 14 1966

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 Gilbert Balthazor
Producing formation Lansing-KC Depth to top 4023 Bottom 4269 Total Depth of Well 4398
Show depth and thickness of all water, oil and gas formations.

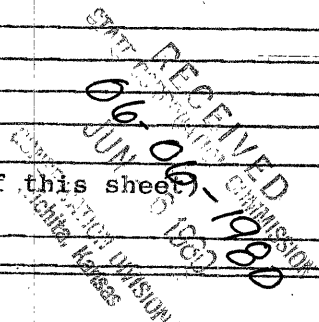
OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Lansing-KC	OIL	4180	4184	7"	336'	None
				2-7/8"	4373'	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 hold. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

Pumped 150 sx 50-50 pozmix, 2% gel, 1/4# flowseal per sack down 2-7/8" tubing. Mixed 75 sx. common cement with 2% CaCl2 and pumped into 2-7/8" tubing at 500 psi. Mixed 25 sx. common with 2% CaCl2 and pumped into annulus at 250 psi.



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

Name of Plugging Contractor Halliburton Company

STATE OF Kansas COUNTY OF Ellis

Karol C. Jones

(employee of owner) ~~XXXXXXXXXXXXXXXXXXXX~~

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) Karol C. Jones

Box 339, Hays, KS 67601 (Address)

SUBSCRIBED AND SWORN TO before me this 5th day of June, 1980.

Suzanne S. Johnson
Notary Public.

My commission expires



KANSAS DRILLERS LOG

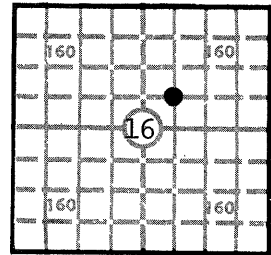
API No. 15 - 153-05292-00-00
 County _____ Number _____

S. 16 T. 1S R. 34 ^{XXX} W

Loc. C SW/4 NE/4

County Rawlins

640 Acres
N



Elev.: Gr. 3118'

DF _____ KB 3125'

Operator Getty Oil Co.

Address Box 339, Hays, KS 67601

Well No. 41 Lease Name Cahoj Unit

Footage Location
1980 feet from (N) line 1980 feet from (E) line

Principal Contractor Chemical & Technical Svcs., Inc. Geologist _____

Spud Date April 28, 1963 Total Depth 4398' P.B.T.D. 4212'

Date Completed May 16, 1963 Oil Purchaser _____

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	9-7/8"	7"	23#	345'	Regular	225	2% CaCl2
Production	6-1/4"	2-7/8"	6.5#	4378'	Regular	150	4% gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Jets	4261'-4268'
TUBING RECORD			4	"	4218'-4231'
			4	"	4196'-4202'
Size	Setting depth	Packer set at	4	"	4180'-4184'
			4	"	4134'-4146'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal. Halliburton 15% reg. acid	4261'-4268'
500 gal. Halliburton MCA acid	4218'-4231'
2000 gal. Halliburton TGA acid	4218'-4231'
200 gal. Halliburton 15% reg. acid	4196'-4202'
250 gal. Halliburton 15% reg. acid	4180'-4184'
250 gal. Halliburton 15% reg. acid	4134'-4146'

INITIAL PRODUCTION

Date of first production May 22, 1980 Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS
 Oil 50 bbls. Gas _____ MCF Water _____ Gas-oil ratio _____ CFPB

Disposition of gas (vented, used on lease or sold) Vented; Nitrogen Content too high to be saleable Producing interval L-KC "H" zone, 4180'-4184'

RECEIVED
 STATE CORPORATION COMMISSION
 05-19-1980
 MAY 19 1980
 CONSERVATION DIVISION
 Lawrence, Kansas

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Getty Oil Co.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil
Well No. 41	Lease Name Cahoj Unit	
S 16 T 15 R 34 XX W		


WELL LOG

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.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Clay & Shale	0	348		
Shale	348	1380	Tops:	
Shale & Shells	1380	2700	Fort Hays	1476'
Red bed and gyp	2700	2958	Permian	2700'
Anhydrite	2958	2995	Stone Corral	2958'
Shale & Shells	2995	3008		
Shale & Lime	3008	3842	Admire	3654'
Lime	3842	3920		
Lime & Shale	3920	4050	Oread	3924'
Lime	4050	4398	Lansing	4023'
Total Depth		4398	Marmaton	4330'
<p>DST #1 - Lansing "J" zone 4213'-4228' - Open 1 hour, opened with weak blow, died in 5 minutes. Recovered 5' of oil of 60' of slightly oil cut mud. IFP - 20#; ISIP - 30 minutes 481#; FSIP - 30 minutes 350#. FFP 30#; IHP 2073#; FHP 2073#. Ran Schlumberger Induction - Electrical log 345'-4398' and microlog - Microcaliper 3400'-4398'.</p>				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	
	Signature
	Area Superintendent
	Title
	May 13, 1980
	Date

15-153-05292-00-00

GETTY OIL COMPANY
CAHOJ UNIT NO. 41
CAHOJ FIELD
RAWLINS COUNTY, KANSAS

Recommended Plugging Procedure:

1. Rig up cementing unit.
2. Pump 150 sxs. 50-50 Poz-Mix cement in 2-7/8" casing and formation.

2-7/8" casing capacity: 137 Cu. Ft. or about 109 sacks
cement slurry based on 1.26 Cu. Ft./sx. yield.
3. Pump in additional cement to fill 2-7/8" casing to surface,
if required.
4. Spot cement from 250' to surface in 2-7/8" x 7" annulus.
(About 35 sxs. cement of 1.26 yield).

State plugging agent may require a 25 sxs. gel plug above Dakota Sands.

RECEIVED
MAY 19 1968
GUNSERV

GETTY OIL COMPANY

CAHOJ UNIT WELL #41

15-153-05292-00-00

CAHOJ FIELD

RAWLINS COUNTY, KANSAS

ELEVATIONS

KB - 3,125'

GL - 3,118'

Casing leak;
Depth not known.

7" Csg. set at 345', cemented
with 225 sx. Cement circulated.

Dakota: 1,880' - 2,540'

Top of cement at 3,485'

Lansing-Kansas City Perfs:

"G" zone - 4,134' - 4,146'

"H" zone - 4,180' - 4,184'

"I" zone - 4,196' - 4,198'

"I" zone - 4,200' - 4,202'

"J" zone - 4,218' - 4,220'

"J" zone - 4,224' - 4,226'

"J" zone - 4,229' - 4,231'

"K" zone - 4,261' - 4,268'

Top of Fish at 4,164'

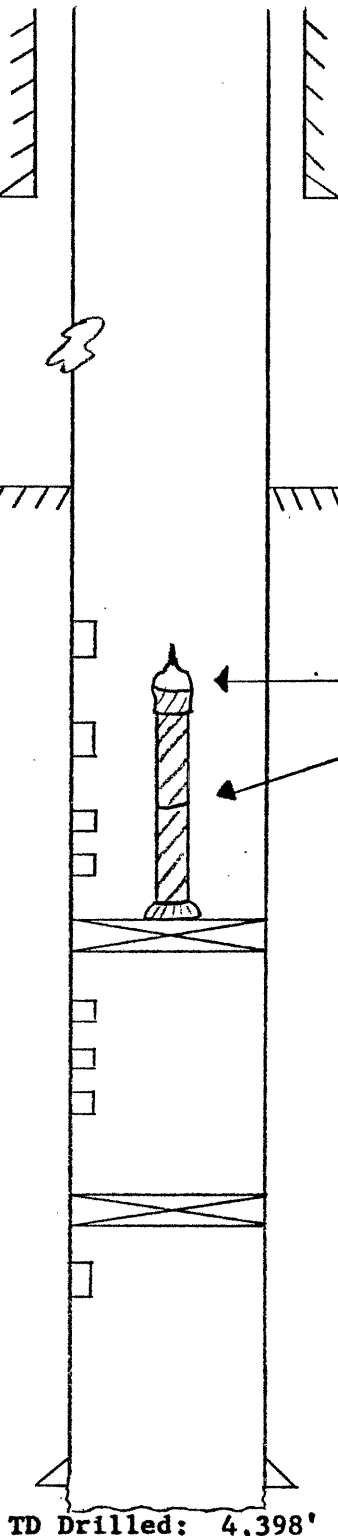
Fish - 1-3/4" x 3' bit, two
1-1/4" x 16' polish rods,
1-1/4" x 12' polish rod,
one rope socket, and 2' of
9/16" sand line.

Baker "N" BP at 4,212' - PBTB

Baker "N" BP at 4,254'.

RECEIVED
STATE CORPORATION COMMISSION
05-19-1980
MAY 19 1980

CONSERVATION DIVISION
Wichita, Kansas
2-7/8" Tbg. used as Csg. set
at 4,378'



TD Drilled: 4,398'