

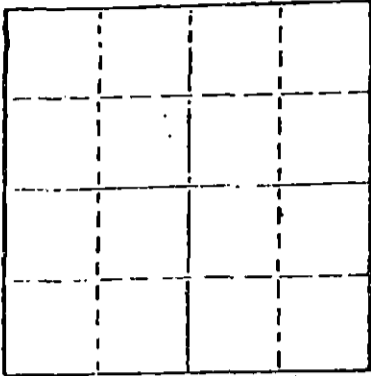
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Kiowa County. Sec. 12 Twp. 27S Rge. 18W-E/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines 660' FWL & 1980' FSL

Lease Owner Cinco Exploration Co.
Lease Name Haney Well No. 1
Office Address Box 3723, Victoria, Texas 77901
Character of Well (Completed as Oil, Gas or Dry Hole) Dry Hole



Locate well correctly on above Section Plot

Date Well completed December 1, 1980
Application for plugging filed Verbal Application 19
Application for plugging approved Verbal Approval 19
Plugging commenced December 1, 1980
Plugging completed December 1, 1980
Reason for abandonment of well or producing formation _____

If a producing well is abandoned, date of last production 19

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 Duane L. Rankin
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4,830'
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
				8-5/8"	352'	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.

Filled hole with heavy rotary mud from 4,830 ft. (rotary total depth) to 550 ft. Set plug at 550 ft. and cemented with 50 sacks cement. Filled hole with heavy rotary mud from 550 ft. to 350 ft. Set plug at 350 ft. and cemented with 30 sacks cement. Filled hole with heavy rotary mud from 350 ft. to 40 ft. Set solid plug at 40 ft. and cemented to cellar with 10 sacks cement, 10 sacks cement in rat hole.

Plugging operations accomplished utilizing Halliburton Oil Well cementing pump truck through 4 1/2 inch drill pipe.

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

Name of Plugging Contractor Halliburton Services
410 Union Center Bldg., Wichita, KS 67202

STATE OF Kansas COUNTY OF Sedgwick, ss.
Dean Britting, Agent ~~XXXXXX~~ 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) Dean Britting
251 N. Water - Suite 10, Wichita, KS 67202
(Address)

SUBSCRIBED AND SWORN TO before me this 16th day of December, 1980

My commission expires July 25, 1982
Elsie Willison Notary Public.

RECEIVED
JAN 6 1981
CONSERVATION DIVISION
Wichita, Kansas

1-6-81

KANSAS DRILLERS LOG

COMPANY Cinco Exploration Co.

SEC. 12 T. 27S R. 18W
LOC. 660' FWL & 1980' FS

FARM Haney NO. 1

COUNTY Kiowa

ROTARY TOTAL DEPTH 4,830'
COMM. November 21, 1980 COMP. December 1, 1980
CONTRACTOR H-30, INC. (Rig #77)
ISSUED December 16, 1980

CASING

10 3/4"
8 5/8" Set at 352' cemented w/325 sxs cement
5 1/2"
4 1/2"

ELEVATION 2,165' K.B.

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand	374'
Sand and Red Bed	2,020'
Shale and Shells	2,282'
Shale	2,537'
Shale and Lime	2,805'
Shale	3,373'
Shale and Lime	4,454'
Lime and Shale	4,690'
Lime and Chert	4,735'
Shale, Lime and Chert	4,830'
Rotary Total Depth	4,830'

I hereby certify the above and foregoing to be a true and correct log of the above described well as shown by the drilling reports.

H-30, INC.

Dean Britting
Dean Britting

State of Kansas)
County of Sedgwick) ss:

Subscribed and Sworn to before me a Notary Public in and for said county and state this 16th day of December, 1980. . .

Elsie Willison
Elsie Willison - Notary Public

My Commission Expires:

July 25, 1982

RECEIVED
STATE OF KANSAS COMMISSION
JAN 6 1981
CONSERVATION DIVISION
Wichita, Kansas

CHUCK "DUSTY" RHOADES
Consulting Geologist
301 S. 3rd
WaKeeney, Kansas 67672

GEOLOGICAL REPORT

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STAT. CONSERVATION COMMISSION

JAN 8 1981

CONSERVATION DIVISION
Wa. Keeney, Kansas

CINCO EXPLORATION COMPANY

NO. 1 HANEY

C NW SW SEC 12-T27S-R13W

KIOWA COUNTY, KANSAS

GEOLOGICAL REPORT

CINCO EXPLORATION COMPANY
 NO. 1 HANEY
 C NW SW SEC 12-T27S-R10W
 KIOWA COUNTY, KANSAS

ELEVATIONS: · 2165 KELLY BUSHING
 2153 GROUND LEVEL

CONTRACTOR: H-30 Drlg., Rig 77

COMMENCED: November 21, 1980
 COMPLETED: December 1, 1980

ROTARY TOTAL DEPTH: 4830 feet
 LOGGED TOTAL DEPTH: 4837 feet

SURFACE PIPE: 8 5/8" 24# @ 352'

PRODUCTION PIPE: None-Dry & Abandon

LOGS: Schlumberger
 1. Comp Neut/For Dens-Cal-Gamma Ray
 2. Dual Induction - Laterolog

DAILY PENETRATION RATE:

November 21, 1980	0700	0 ft. Rigging Up
November 22, 1980	"	374 ft. WOC
November 23, 1980	"	2183 ft. Drlg
November 24, 1980	"	2805 ft. Drlg
November 25, 1980	"	3373 ft. Drlg
November 26, 1980	"	4091 ft. Drlg
November 27, 1980	"	4459 ft. Drlg
November 28, 1980	"	4690 ft. CFS
November 29, 1980	"	4735 ft. DST #2
November 30, 1980	"	4830 ft. Logging
December 1, 1980	"	4830 ft. DST #3

REMARKS:

All measurements are from Kelly Bushing (2165 feet). RTD was 2153 feet, LTD was 4837 feet (-2672).

Three drill stem tests were taken covering the Lansing "A", Cherokee, Mississippi zones.

One foot drilling time was plotted from 2300 feet to TD. Ten foot logs were saved from 2300 feet to TD.

The pipe was strapped twice. Both straps were 8 feet deeper than the board.

<u>FORMATION</u>	<u>SAMPLE</u>	<u>LOG</u>	<u>DATUM</u>
Chase	2380	2375	-210
Council Grove	2772	2778	-613
Wabunsee	3170	3177	-1012
Heebner	3974	3982	-1817
Brown Lime	4115	4122	-1957
Lansing	4124	4132	-1967
Base/Kansas City	4510	4518	-2353
Cherokee	4638	4646	-2481
Mississippi	4698	4704	-2539
Kinderhook Shale	4731	4739	-2574
Kinderhook Sand	4778	4786	-2611 2621
Viola	4808	4815	-2650
TD	4830	4837	-2672

SPECIAL NOTE:

The strap being 8 feet deeper than the board accounts for the LTD of 4837.

DRILL STEM TESTS:

A geological log is included with this report and is considered a part of it. Please refer to it for sample descriptions, straight hole tests, mud properties, and circulating for samples information. The following are drill stem test results.

Cherokee, 4638 feet (2481 EL)

DST NO. 1 Misrun
4676-4705 feet

Mississippi, 4698 feet (2539 EL)

DST NO. 2 Open 30 minutes. Strong blow throughout. No GTS. Shut-in
4702-4735 feet 45 minutes. Open 45 minutes. Strong blow throughout. No
GTS. Shut-in 120 minutes.
Recovered: 90 feet drlg mud, 120 feet slightly gas cut
watery mud. Chlorides 26,000.

Initial Hydrostatic Head	2362 psi
Initial Flow Pressure	118-108 psi
Initial Shut-in Pressure	1055 psi
Final Flow Pressure	97-97 psi
Final Shut-in Pressure	1409 psi
Final Hydrostatic Head	2329 psi
Temperature	117 degrees

Lansing, 4124 feet (1967 EL)

DST NO. 3-Straddle Misrun
4124-4147 feet

STRUCTURAL RELATIONSHIP:

	#1 Haney C NW SW 12-27S-18W	#1 Rich C NE NE 11-27S-18W	#2 Patzer SE SE SE 6-27S-17W
Chase	- 210	- 226	
Council Grove	- 613	- 612	
Wabunsee	-1012	-1007	
Icebner	-1817	-1809	-1790
Brown Lime	-1957	-1953	-1949
Lansing	-1967	-1964	-1964
Brook/Kansas City	-2353	-2332	-2328
Cherokee	-2481	-2470	-2453
Mississippi	-2539	-2516	-2506
Kinderhook Sh	-2574		-2540
Kinderhook Sd	-2611		-2570
Wells	-2650		-2620

RECOMMENDATIONS AND CONCLUSIONS:

Because of the low structural position compared to the #1 Rich and the #2 Patzer, drill stem test results, and the log by Schlumberger. The well was plugged.

Respectfully submitted

Dusty Rhoades

CHUCK "DUSTY" RHOADES
Consulting Geologist

11-7-80