

KANSAS DRILLERS LOG

WICHITA BRANCH

*San Geronimo Survey*

*Released 12/16/81*

API No. 15 — 033 — 20,262  
County Number

**CONFIDENTIAL**

S. 31 T. 32 R. 20 <sup>SE</sup> <sub>W</sub> <sub>PC</sub>  
Loc. S2 S2 SW  
County Comanche

Operator

Calvin Exploration, Inc.

Address

5680 S. Syracuse Circle Englewood, Colo 80111

Well No.

#1-31

Lease Name

Coate, Charles

Footage Location

330'

feet from ~~XX~~ (S) line

1320'

feet from ~~XX~~ (W) line

Principal Contractor

Search Drilling

Geologist

David Ward

Spud Date

10-4-78

Total Depth

5275'

P.B.T.D.

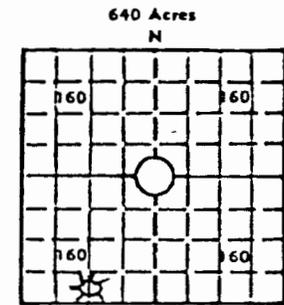
5221'

Well Completed

11-20-78

Oil Purchaser

OKC



Elev.: Gr. 1929'  
DF 1938' KB 1939'

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	Socks	Type and percent additives
Surface	12 1/4"	8 5/8"	24#	774'	Common Class H Lite	100 290	3% CaCl
Production	7 7/8"	4 1/2"	10.5#	5274'	50/50 Posmix	200	18% NaCl, 12%# Gilsonite, 75% CFR2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
None					
TUBING RECORD			2		5211-5219
Size	Setting depth	Packer set at			
2 3/8"	5197	No packer			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Treated with 750 gal. - 15% Acid	5211-5219

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)			
March 30, 1979	Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	785	MCF	bbls.
Disposition of gas (vented, used on lease or sold)	Producing interval(s)			
Sold	Morrow 5211-5219			

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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Calvin Exploration, Inc. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas

Well No. 1-31 Lease Name Coate

S 31 T 32 R 20<sup>X8</sup> 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
Redbed, anhydrite, salt	0	2400	Chase	2393
Limestone & shale	2400	5198	Heebner	4240
Sand & shale	5198	5222	Lansing	4431
Limestone	5222	TD	Cherokee	5080
			B/Inola	5198
			, Miss.	5222
			Ran Dual Induction S.P. - G.R. and	
			Density - Neutron G.R. - Caliper	

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

Date Received \_\_\_\_\_

Signature: Dean R. Calvin  
 Title: Secretary - Calvin Exploration, Inc.  
 Date: July 27, 1979

#1-31 Coate

DRILLERS LOG

CASING RECORD:  
8 5/8" set at 774'  
with 100 sacks cement,  
200 sacks Class H, 290  
sacks Lite.

OPERATOR: Calvin Exploration, Inc.  
CONTRACTOR: Search Drilling Company  
COMMENCED: October 4, 1978  
COMPLETED: October 15, 1978

DESCRIPTION:  
330 FSL - 1320 FWL,  
Sec. 31-32S-20W  
Comanche County,  
Kansas

TOTAL DEPTH:  
5275'

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Red Bed	0	65	
Red Bed	65	130	
hydrite	130	170	
Red Bed	170	657	
Red Bed	657	778	
Red Bed, Shale and Lime	778	1640	
Lime and Shale	1640	2327	
Lime and Shale	2327	2973	
Lime and Shale	2973	3605	
Lime and Shale	3605	3769	
Lime and Shale	3769	3833	
Lime and Shale	3833	4384	
Lime and Shale	4384	4844	
Lime and Shale	4844	5222	
Lime and Shale	5222	5275	
Rotary Total Depth	5275		

RECEIVED  
STATE CORPORATION COMMISSION

OCT 18 1978

CONSERVATION DIVISION  
Topeka, Kansas

Ran 128 joints 10.5  
4 1/2" casing set 6 ft.  
off bottom with 200  
sacks 50-50 posmix,  
18% salt, 12 1/2# gilsonite  
per sack, 1% of CR-2.  
Plug down at 2:10 PM,  
October 15, 1978

I certify that this is a true and correct copy of the above log to the best of my knowledge.

SEARCH DRILLING COMPANY

N. J. Johnson

Subscribed and sworn to before me this 16th day of October, 1978.

My appointment expires:  
February 22, 1981

Maxine Dressen Notary Public

MAXINE DRESSEN  
Sedgewick County, KS.