

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

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

15-03519562-0000

API NUMBER Old well

LEASE NAME Hart 'B'

WELL NUMBER 6

SPOT LOCATION C NW NW SW

SEC. 37 TWP 23S RGE. 6 NE or SE

COUNTY Cowley

Date Well Completed 11-23-59

Plugging Commenced 7-7-84

Plugging Completed 7-9-84

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

LEASE OPERATOR A.L. Abercrombie, Inc.

ADDRESS 801 Union Center, Wichita, KS 67202

PHONE # (316) 262-1841 OPERATORS LICENSE NO. 5393

Character of Well DRY
(Oil, Gas, D&A, SHD, 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? Wichita, Kansas

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

Producing formation _____ Depth to top _____ bottom _____ T.D. 2409'

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"	85	None
				5 1/2"	2350	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. See back of sheet

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

Name of Plugging Contractor Abercrombie Drilling, Inc. License No. 5422
Address 801 Union Center, Wichita, KS 67202

STATE OF Kansas COUNTY OF Sedgwick, ss.

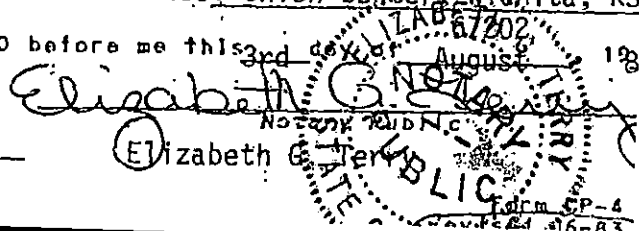
Jack K. Wharton

(operator) of above-described well, being first duly sworn on oath, says 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) Jack K. Wharton
(Address) 801 Union Center, Wichita, KS

SUBSCRIBED AND SWORN TO before me this 3rd day of August, 1984

My Commission expires: 7-13-85



15-035-19502-0000

5½" casing cemented to surface. Tubing parted at 2100'. Ran 2" tubing to 2100' and pumped 50 sx. cement into well, let set from 7/7/84 to 7/9/84. Ran 2" tubing to 2040', United Cementing spotted 2 sx. gel and 1 sx. hulls - 50 sx. Common Cement, 3% gel. Tag cement with 2" @ 1565'. Circulated 125 sx. 60-40 pozmix, 3% c.c. Pulled tubing, pressured up on 5½" to 200# and held for 30". Ran 2" tubing back to cement and circulated 125 sx. 60-40 pozmix, 3% c.c. to surface. Pulled tubing- pressured 5½" to 500# and held 30" till circulation stopped. Shut in casing at 500# psi.



15-035-19562-0000

LEO R. FORTIER
PETROLEUM GEOLOGIST
UNION NATIONAL BANK BLDG.
WICHITA 2, KANSAS

SAMPLE IDENTIFICATION
AND
GEOLOGICAL INFORMATION

Edwin G. Bradley
HUNT No. 6
Approx. Cen. 1/4 NW. NW Sec. 31, T 33S, R 6E
Cowley County, Kansas

Elevation: 1304 A.L. (1200 Gr.)

Surface Casing: 8 5/8" (35 feet)
Production Casing: 5 1/2" (2250 feet)

Contractor: H & M Drilling Co.

Samples and Core examined 1700 to 2109 feet, total depth.

1700 - 1835 Gray shale
1835 - 1845 Light gray lime
1845 - 1885 Gray shale

SINAKER SAND (Top 1845, -501)
1885 - 1970 Light gray medium fine grained angular sand
1970 - 2035 Gray shale
2035 - 2050 Light gray medium fine grained angular sand
2050 - 2090 Gray shale
2090 - 2105 Light gray sand

S.L.K. C-2085 - 0....
2105 - 2275 Gray shale
At 2120 straggled drill pipe and corrected measurement to 2110 - does not change any "toes".

COPY NO. 1 - 2275-2225, recovered 50 feet.

2275 - 2277 Gray fossiliferous calcareous shale

LAYTON SHALE (Top 2277, -173)
2277 - 2292 Gray sandy laminated micaceous shale - few spots bleeding oil at 2279

LAYTON SAND (Top 2292, -182)
2292 - 2295 Gray micaceous sand and shale - 6-inch streaks oil saturation at 2292 and 2295

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2295 - 2298'10" Gray micaceous shaley laminated sand
 2298'10" - 2300 Gray shaley micaceous laminated sand - fair streaked oil saturation
 2300 - 2302 Gray sand and shale lamination
 2302 - 2303 Buff sand - good saturation
 2303 - 2304'6" Gray shale and sand lamination
 * 2304'6" - 2312 Gray sand - fair to good saturation
 2312 - 2320 Gray sand with thin gray shale lamination - vertical fractures 2314-2316. Good streaked saturation and probably salt water.
 2320 - 2325 Gray sand - probably salt water
 2325 - 2369 Light gray medium angular sand
 2369 - 2375 Gray shale
 2375 - 2406 Light gray sand
 2406 - 2409 Gray shale

2409 Total depth
 5 1/2-inch casing cemented at 2350

Remarks:

First oil saturation @ 2292
 Best "pay" 2304'6"-2312
 First salt water probably at 2312
 Probably all water below 2320

This well should produce commercially but is definitely on the west flank of the Cabin Valley Pool. A comparison of the data in this well with the east offset, Hart No. 5, and the dry hole, Wood, Spier, about one-quarter mile farther east in S 8E No. Sec. 36, T 33S, R 5E, is shown below:

	<u>Hart No. 6</u>	<u>Hart No. 5</u>	<u>Spier No. 1</u>
St. Inaker Sand	-591	-563	
Layton Zone	-573	-552	
Layton Sand	-588	-568	-1006

8-20-56

Handwritten signature

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