

KANSAS DRILLERS LOG

API No. 15 _____ County _____ Number _____

Operator _____

LADD PETROLEUM CORP. State Geological Survey
WICHITA BRANCH

Address _____

830 DENVER CLUB BLDG, DENVER, COL 80202

Well No. _____

2

Lease Name _____

HOFFMAN

Footage Location _____

330 feet from (N) (S) line

990 feet from (E) (W) line

Principal Contractor _____

ALLEN DRILLING

Geologist _____

PAUL MONTOIA

Spud Date _____

4-19-81

Total Depth _____

3320

P.B.T.D. _____

3280

Date Completed _____

5-1-81

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	12 1/4	8 5/8	24	650	60/40 POZ	350	2 % GEL + 3 % CACL
PRODUCTION	7 7/8	5 1/2	15.5	3319	50/50 POZ	225	2 % GEL + 10 % SALT + 3/4 % CFR

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	JS	3243-45
			4	JS	3248-53

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
NATURAL	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
5-19-81		PUMPING			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	100	0		—	
		bbls.	MCF	bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
VENTED			GORHAM SAND, ARBUCKLE		

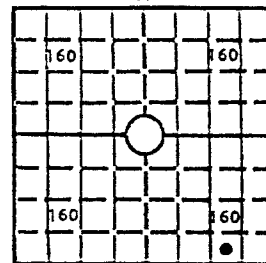
INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, 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.

S. 19 T. 14 R. 14 E

Loc. SW-SE-SE

County RUSSELL

640 Acres
N



Locate well correctly

Elev.: Gr. 1809

DF _____ KB 1814

Operator		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 2	Lease Name HOFFMAN	OIL
19 T 14SR 14 ^E 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
ANHYDRITE	854	(+960)		
TOPEKA	2724	(-910)		
HEEBNER	2950	(-1136)		
TORONTO	2971	(-1157)		
LANSING	3012	(-1198)		
KANSAS CITY	3215	(-1401)		
ARBUCKLE	3244	(-1435)		
DST #1 (3236-3270)				
IFP 293-412; ICIP 1091; FFP 467-659;				
FCIP 1082; REC. 1295' GAS, 600'				
FREE OIL, 120' SMCO, 420' FROGGY				
OIL, 120' WATERY OIL				

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

Date Received	<u>William V. Riley</u> Signature <u>Field Engineer</u> Title <u>5-21-81</u> Date
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DRILLER'S WELL LOG

State Geological Survey
WICHITA, BRANCH

19-14-14W

DATE COMMENCED: 04/18/81
DATE COMPLETED: 04/22/81

Ladd Petroleum Corporation
HOFFMAN No. 2
990 FEL, 330 FSL
Sec. 19, Twp. 14S, Rge. 14W
Russell County, Kansas

ELEVATION: 1809' G.L.
1814' K.B.

855 - Anhydrite
2724 - 2950' Lime
2950 - 2970' Shale
2970 - 3011' Lime
3011 - 3215' Lime
3215 - 3244' Lime & Shale
3244 - 3249' Sand
3249 - 3324' Dolomite
3324' RTD

FORMATION DATA:

Anhydrite 855'
Topeka 2724'
Heebner 2950'
Toronto 2970'
Lansing 3011'
Base K.C. 3215'
Gorham Sand 3244'
Arbuckle 3249'
RTD 3324'

SURFACE PIPE:

Ran 17 jts. 24# new 8-5/8"
casing, tally: 644'
Set @ 651' w/350 sks 60/40
poz. 2% gel, 3% c.c.
Plug down @ 10:15, 4/18/81
by Howco

PRODUCTION PIPE:

Ran 84 jts. 15.5# 5 1/2"
casing; tally: 3326.20'
Set @ 3323' w/ 300 sks 50/50
poz, 2% gel, 3/4% CFR2
10% salt, plug down 9:30 PM
4/22/81, by Howco

A F F I D A V I T

STATE OF KANSAS)
COUNTY OF BARTON) ss.

RECEIVED
STATE OF KANSAS

MAY - 5 - 1981

CONSERVATION DIVISION
Wichita, Kansas

Gary Christopher , of lawful age, does swear and state that the facts and statements herein contained are true and correct to the best