

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

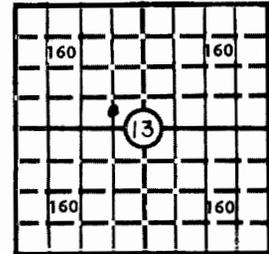
S. 13 T. 11S R. 18 W

API No. 15 — Ellis County — Number

SE NW

County Ellis

640 Acres
N



Locate well correctly

Elev.: Gr. _____

DF _____ KB _____

Operator
Sun Oil Company

Address
1720 South Bellaire, Denver, Colorado 80222

Well No. 4 Lease Name Hadley 'BC'

Footage Location
330 feet from (S) line **660** feet from (E) line

Principal Contractor **Brown Bros.** Geologist

Spud Date **10-9-75 (Recompletion)** Total Depth **3368'** P.B.T.D. **3310'**

Date Completed **10-16-75 (Recompletion)** Oil Purchaser **Koch Oil Company**

See Reverse Side 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
				115'			
				1115'			
				3360			

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	Jet	2985-89
					3004-11
					3117-20
					3160-64
					3173-80

TUBING RECORD

Size	Setting depth	Packer set at
2 7/8"	3301	-

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 Gals. BDA - 1500 Gals. RA-5	3173-80, 3160-64, 3117-20
500# J145 (Fixi Frac), 1000 Gals RA-5	3173-80, 3160-74, 3117-20
250 Gals BDA and 750 RA-5, 200# J145, 700 Gals RA-5	2985-89, 3004-11

INITIAL PRODUCTION

Date of first production **10-17-75** Producing method (flowing, pumping, gas lift, etc.) **PMPG**

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	55 bbls.	-	138 MCF	- CFPB

Disposition of gas (vented, used on lease or sold) Producing interval(s) **2985-89, 3004-11, 3117-20, 3160-64, 3173-80**

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
Sun Oil Company

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Oil

Well No. **4** Lease Name **Hadley 'BC'**

S 13 T 11 R 18 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
Plugged off Arbuckle, logged, perforated and recompleted in Topeka and Lansing-Kansas City B, D, and F zones.			Gamma-Ray Neutron	3360-2500

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



Date Received

Bob Judge
 Signature

District Engineer
 Title

10-28-75
 Date

LOE18