State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

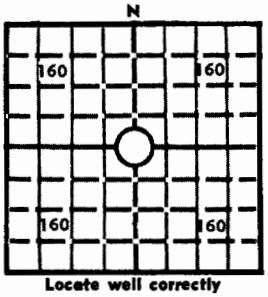
S. 16 T. 31 R. 8 E/W

API No. 15 — 077 (County) — 20,252 (Number)

Loc. C NW SE

County Harper

640 Acres



Locate well correctly

Operator: Deck Oil Company

Address: 2702 Fourth National Bank Building Tulsa, Oklahoma

Well No. #1 | Lease Name: Long

Footage Location: 660 feet from (N) (S) line | 660 feet from (E) (W) line | SE/4

Principal Contractor: Gabbert-Jones, Inc. | Geologist: Charlie King

Spud Date: 3-17-74 | Total Depth: 4408 | P.B.T.D.: 4408

Date Completed: | Oil Purchaser: Herndon Oil & Gas

Elev.: Gr. 1621

DF 1623 KB 1626

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"	--	207'	Common	190	2% Gel
Production	7 7/8"	5 1/2"	14#	4399'	Pozmix	100	18% Salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2"	4370'	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gals. mud acid, 10,000 gals. gelled water, 10,000# sand	4399 - 4408

INITIAL PRODUCTION

Date of first production: 4-17-74

Producing method (flowing, pumping, gas lift, etc.): Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	51 bbls.	50 MCF	39 bbls.	980 CFPB

Disposition of gas (vented, used on lease or sold): Vented

Producing interval(s): 4399 - 4408

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.

C-10-1972

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

Well No.	Lease Name	
1	Long	Oil

S 16 T 31S R 8 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
No Show	3394	-------	Heebner	
No Show	3634	3781	Lansing	
No Show	3890	4157	Kansas City	
No Show	4194		Marmaton	
Chert , good show	4397		Mississippi	
DST #1, Miss., 4399-4408. OP 45, 5145, OP 60, SI 60, Fair blow. GTS, 50 mins., F. 50 MCFPD. Rec. 220' HO&GCM, 120', MGO. 380' oil, 90' O&GCSW. 1 SIP 1416, 1 FP, 94-237, FFP, 197-244, FSIP 1361, 1 HH 2292, FHH 2275.				

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

Date Received

E. O. Holloway
Signature

Assistant Manager of Operations
Title

5-13-74
Date

...ce Geological ...
WICHITA, BRANCH

GABBERT- JONES, INC.
WICHITA, KANSAS
DRILLERS' WELL LOG

16-31-8W

Long #1
C-NW-SE Sec. 16-31S-8W
Harper County, Kansas

API #15-077-20,252

Commenced: March 17, 1974

Completed: March 27, 1974

OPERATOR: DECK OIL CO.

From	Dept. To	Formation	Remarks
0	90	Clay- Sand	Ran 9 jts. of used 8 5/8" csg.
90	265	Redbed	Set C 207" cemented W/
265	1100	Redbed-Shale	190 sks. Common 2% Gel.
1100	1460	Shale W/Lime Stks.	3% CC PD C 5:00 PM
1460	1650	Shale-Sheals	3-17-74 Cement circ.
1650	1770	Lime-Shale	
1770	1940	Lime	
1940	2100	Lime-Shale	
2100	2465	Lime	
2465	3641	Lime-Shale	Ran 150 jts. of used 5 1/2" csg.
3641	3715	Lime	Set C 4400' Cemented W/100 Posmix-
3715	3935	Lime-Shale	18% Salt
3935	4408	Lime	PDC 2:45 PM 3-27-74

4408-T.D.

RECEIVED
JUN 1974
STATE GEOLOGICAL SURVEY OF KANSAS

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

I, James S. Sutton II, certify this is a correct copy of the Drillers' Log for the well drilled C-Nw-Se Sec. 16-31S-8W, Harper County, Kansas to the best of my knowledge and belief.

James S. Sutton II

Before me, the undersigned, a Notary Public within and for said County and State, on this 2nd day of April, 1974, personally appeared James S. Sutton II to me personally known to be the identical person who executed the within and foregoing instrument and acknowleged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written.