

State Geological Survey
WICHITA, BRANCH

5-34-42W

KANSAS DRILLERS LOG

S. 5 T. 34S R. 42 **X**
W

API No. 15 — 129 — 20-105
County Number

Loc. SE

County _____

Operator
Cities Service Oil Company

Address
3545 N.W. 58th, Oklahoma City, Oklahoma

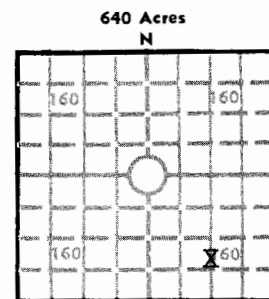
Well No. 2 Lease Name
Gear "A"

Footage Location
1570 feet from (N) XX line 1370 feet from (E) XX line

Principal Contractor
Lohmann & Johnson Geologist
A. N. Jacques

Spud Date
1-31-73 Total Depth
4640 P.B.T.D.
3470

Date Completed
3-28-73 Oil Purchaser



Elev.: Gr. 3414

DF --- KB 3423

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
Conductor	17-1/4"	13-3/8"	48#	126'	Common	150	3% CaCl
Surface	12-1/4"	8-5/8"	24#	1234'	Pozmix	600	2% gel 2% CaCl & 1/2# flocele
					Pozmix	100	3% HA-5 & 1/2# flocele
Production	7-7/8"	5-1/2"	14"	4630'	Pozmix	370	2% gel, 18% salt, 1/2# flocele & 8/10 of 1% CFR-2

LINER RECORD

Top, ft. --- Bottom, ft. --- Sacks cement ---

PERFORATION RECORD

Shots per ft. 4 Size & type Depth interval
3406'-3416'

TUBING RECORD

Size --- Setting depth --- Packer set at
3381'

4 3296'-3304'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized perfs 3296'-3304' w/500 gals. of 15% HCL	Same as above
Set baker mud AD-1 tension pkr & model L sliding sleeve	
Acidized perfs 3406'-3416' w/500 gals of 15% HCL.	

INITIAL PRODUCTION

Date of first production
3-28-73 Producing method (flowing, pumping, gas lift, etc.)
Flowing

RATE OF PRODUCTION PER 24 HOURS Oil --- bbls. Gas 4200 MCF Water --- bbls. Gas-oil ratio --- CFPB

Disposition of gas (vented, used on lease or sold) Sold Producing interval(s) 3406'-3416'

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 Cities Service Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas
Well No. 2	Lease Name Gear A	
S 5 T 34S R 42 E 1/4 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
Surface - Sand-Red Bed	0	670	Morrow L	4263
Gyp & Shale	670	847	Marmaton	3406
Sand	847	986	Swanson	3296
Shale & Gyp	986	1048		
Shale & Red Bed	1048	1227		Gamma Guard
Anhydrite	1227	1243		Logs
Shale	1243	2050	Log Tops	Depth
Lime & Shale	2050	2765	Top	2746
Lime	2765	2910		
Lime & Shale	2910	3130	Brnwd Lams	2972
Lime	3130	3300		
Lime & Shale	3300	3384	Heeb	3050
Lime	3384	3570		
Lime & Shale	3570	3777	Tor	3070
Lime	3777	4170		
Shale	4170	4310		
Lime	4310	4342	Lams	3128
Shale & Sand	4342	4437	Swanson	3294
Shale	4437	4502		
Shale & Lime	4502	4575	Marm	3598
Lime	4575	4640	Mrw Sh	4174
TD	4640		Mrw Sd	4262
PBTD	3470		B Mrw Sd	4269
			Keyes	4574
			Chester	4624
			RTD	4640
			LTD	4640

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



Signature
Title
Date