

## KANSAS DRILLERS LOG

API No. 15 — 067 — 20,338  
County Number

## Operator

Cities Service Oil Company

## Address

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

## Well No.

#2

## Lease Name

Alexander "D"

## Footage Location

1320 feet from (N) (S) line 1320 feet from (E) (W) line

## Principal Contractor

Wakefield Drlg. Co.

## Geologist

J.P. Barnhart

## Spud Date

3-11-75

## Total Depth

3150

## P.B.T.D.

3111

## Date Completed

7-08-75

## Oil Purchaser

- -

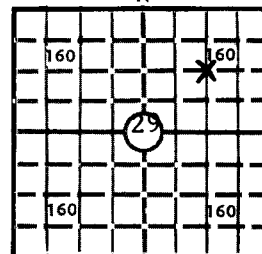
S. 29 T. 27 R. 35 ~~EX~~ W

Loc. C NE

County Grant

640 Acres

N



Locate well correctly

Elev.: Gr. 3090

DF 3098 KB 3099

## 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	28.5	799'	HowcoLite & Class H	160	200 sx HowcoLite w/2% CaCl & 1/2# Flo-
					(Cement circulated w/ 40 sxs to the pit)		cele followed w/200 sxs Class H w/2%CaCl & 1/2# Flocele.
Production	7-7/8"	4-1/2	10.7#	3147'	Lite pozmix	450	300 sxs Lite pozmix
	w/1/2# Flocele, .8 of 1% CFR-2 followed by 150 sxs					50/50 pozmix w/2% gel w/.8	of 1% CFR-2 & 10% salt.

## LINER RECORD

## PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
- -	- -	- -	36	.57 SDJ	2992-3016
TUBING RECORD			52	.57 SDJ	2944-2984
Size	Setting depth	Packer set at	82	.57 SDJ	2890-2935
- -	- -	- -			

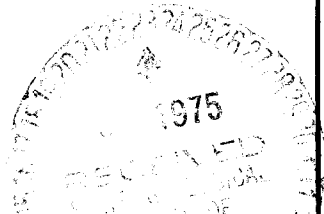

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized 2992'-3016' w/900 Gals Halcos Mod. 202 Acid.	2992'-3016'
Acidized 2944'-2984' w/1300 Gals Halcos Mod. 202 Acid	2944'-2984'
Acidized 2890'-2935' w/2100 Gals Halcos Mod 202 Acid	2890'-2935'
Fraced intervals 2890-3016 w/125,000 Gals 1% KCL, 3% FR-20/1000 Gals.	
1 Gal Howco Suds/1000 gals & 1 gal Adocite/100 bbls. & 250,000# of 20/40 sand.	

## INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
5-9-75		Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	- - bbls.	8672 MCF	6 bbls.	- - CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
To be sold			2890'-3016'		

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 Alexander D			
S 29 T 27 S R 35 <del>W</del> <sup>EX</sup>				
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 Soil, Sand & Clay	0	600	Logging:	
Blue Shale	600	800	Schlumberger Dual Induction	
Sand & Clay	800	850	Laterlog, Compensated Forma-	
Red Bed	850	990	tion Density w/Gamma Ray-	
Gyp, Red Bed & Sand	990	1435	Caliper, Borehole Compensated	
Sand Red Bed & Anhydrite	1435	1856	Sonic & Proximity Microlog.	
Anhydrite	1856	1866		
Anhydrite, Red Bed, Dolomite	1866	1923	Welex Cmt. Bond & CC Log	
Shale & Gyp	1923	2065	from 777' to 3111'.	
Lime	2065	3150		
TD	3148			
PBTD	3111			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received 	<div><div></div><div>H. E. Massey</div><div>Signature</div><div>Operations Manager</div><div>Title</div><div>7-10-75</div><div>Date</div></div>			