

KANSAS DRILLERS LOG

S. 20 T. 27S R. 35 ~~W~~
 Loc. 2340' FSL, 2490' FEL of S.
 County Grant

API No. 15 — 067 — 20375
 County Number

Operator

Cities Service Oil Company

Address

3545 N.W. 58th Street, Oklahoma City, Oklahoma 73112

Well No.

2

Lease Name

English "C"

Footage Location

2340 feet from ~~XX~~ (S) line 2490 feet from (E) ~~XX~~ line SE/4

Principal Contractor

E. F. Wakefield

Geologist

Spud Date

3-24-76

Total Depth

3090'

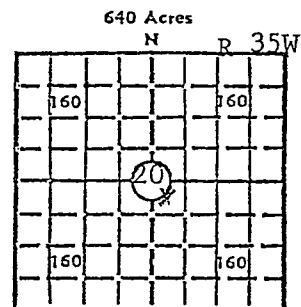
P.S.T.D.

3073'

Date Completed

6-10-76

Oil Purchaser



Locate well correctly

Elev.: Gr. 3088'

DF 3095' KB 3096'

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#	808'	Class H	375	Cemented w/200 s 35/65 Pozmix w/6
	gel, 2%	CaCl ₂ , 1/2#	D-29, followed by 175 sx Class H, 2% CaCl ₂ , 1/4# D-29.				
Production	7-7/8"	4-1/2"	10.79#	3089'	Class H	225	Cemented w/125 35/65 Pozmix 3
	w/6% total gel, 1/4# D-29 & 0.8 of 1% D-65 followed by 100 sx 50/50 Pozmix w/2% gel, 10% salt, 1/4# D-29 & 0.8 of 1% D-65.						

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
-----	-----	-----	2	0.57 S.D.J.	2887-2892'
TUBING RECORD					2902-2908'
					2910-2915'
					2918-2930'
					2942-2952'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Western fractured Council Grove 2887-2952' down 4 1/2" csg w/2500 gals 15% spearhead acid, 6000 gals 1% KCLW pad containing 12 gals FR-14, 6 gals FS-F, 3 gals Adocide followed by 85,000 gals 1% KCLW & 170,000# 20/40 sd containing 170 gals FR-F & 42 gals Adocide. Flushed w/48 bbls 1% KCLW containing 6 gals FR-14.	2887-2952'

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
6-10-76		Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	----- bbls.	CAOF 1204 MCF	----- bbls.	----- CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
To be sold to PEPL			2887-2952'		

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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas

CITIES SERVICE OIL COMPANY

Daily Well History - Final Report

INSTRUCTIONS: Submit a Final Report on or before the first Wednesday after filing regulatory agency completion report or a well is P & A. A Final Report should be submitted also when a well is TA or drilling operations are suspended for an indefinite or appreciable length of time even though a reg. agency completion report is not filed. When operations are resumed on wells reported as suspended or TA, a second Final Report must be submitted as if the well had not been suspended or TA. On workovers when a regulatory agency completion report is not required upon completion, report completion and representative test data in spaces provided. Description of work performed on workovers and the plugging of wells other than drilling wells may be summarized giving inclusive date on the Final Report form in which case Initial and Interim Reports are not required. Each Final Report for drilling wells and significant workovers must be accompanied by appropriate Interim Reports. Complete only applicable data.

LEASE / UNIT NAME AND WELL NO. ENGLISH C #2		OPERATOR CSOC		REGION Mid-Cont (South)
COUNTY-PARISH-STATE-PROVINCE Grant County, Kansas	FIELD OR PROSPECT NAME Panoma Field	ESTIMATED 100% D & E COST AT COMP. \$ 123,345		AFE NUMBER 7-1577574
PROJECT NAME Drill and Equip.		RIG RELEASE DATE - HOUR 3/28/76 - 6:00 pm	CLASS OF WELL OIL ☐ GAS ☒ SERV ☐	
				COMPANY GROSS WELL 100%

DATE AND DEPTH	DESCRIPTION OF WORK PERFORMED
	Location to English C #2 300' TALL x 150' FILL SEPA Section 20-2 to 300, Grant Co, KS. from Highway, to go 4 miles East on Hwy 100, 5 miles North to paved road, then 1/2 mile East on paved road and 1/2 mile North to Location.

TD-MEASURED 3090'	PBTD 3073'	TVD -----
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POTENTIAL TEST DATA											
DATE	RESERVOIR	PRODUCING INTERVAL	TBG PR	CSG PR	CHK. SIZE	BOPD	CAOF MCF/D	% WTR.	GOR	CORR. GR.	TEST TIME
6-10-76	Council Grove	2887-2952	--	171	---	--	1204	--	---	--	72

PRODUCTION ESTIMATE (COMPLETE EVEN IF WELL IS SHUT IN)					
RESERVOIR	BOPD	MCF/D	BWPD	DATE ON PRODUCTION ESTIMATED (OR ACTUAL)	DATE THE PERMANENT WELL HEAD WAS INSTALLED
Council Grove	---	250	---	Two Months	5-7-76

SUBMIT ONE COMPLETED COPY TO E & P GENERAL OFFICE - TULSA