

KANSAS

(Attachment B)

035-34-35W

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 189 — 20528
County Number

Operator

Cities Service Company

Address

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

Well No.

2

Lease Name

Grant A

Footage Location

1980

feet from (X) (S) line

660

feet from (E) (X) line

Principal Contractor

Johnson Drilling Co.

Geologist

Spud Date

1-12-81

Date Completed

3-10-81

Total Depth

6800'

P.B.T.D.

6744'

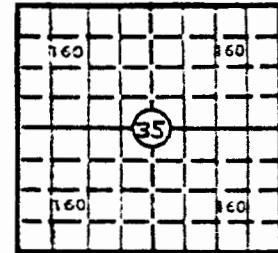
Directional Deviation

Oil and/or Gas Purchaser
Koch

S. 35 T. 34S R. 35 W

Loc. 660' FEL, 1980' FSL

County Stevens

640 Acres
N

Locate well correctly

Elev.: Gr. 2965'

DF 2973' KB 2974'

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	Socks	Type and percent additives
Surface	12-1/4"	8-5/8"	24#	1655'	65/35 Pozmix	850	2% CaCl, 1/2# D-29
					60/40 Pozmix	200	3% CaCl, 1/2# D-29
Production	7-7/8"	5-1/2"	15.5# 14#		50/50 Pozmix	175	2% gel, 18% Salt, 1/2# Flocele, .8% CFF
							2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
			2	SPF	6545 - 6563'

Size	Setting depth	Packer set at
2-3/8"	6606'	6615'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2000 Gals, 7-1/2% MSR 1000 HCL. flushed with 160 bbls. 2% KCLW	6545 - 6563'
26,000 gals. Diesel, 24,000# 20/40 Sd. Flushed with 6700 gals. Diesel.	6545 - 6563'

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
3-10-81		Pumping			
RATE OF PRODUCTION PER 24 HOURS		Oil	Gas	Water	Gas-oil ratio
		17 bbls.	15 MCF	2	882 CFPB
Disposition of gas (vented, used on lease or sold)				Producing interval (s)	
To be sold				6545 - 6563'	

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, 245 No. Water, Wichita, Kansas 67202. 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 Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 2	Lease Name Grant A	Oil
S 35 T 34S R 35 E 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, Clay and Sand	0'	350'	Ran Dual Induction SFL with linear Correlation log.	
Sand and Redbed	350'	885'		
Redbed and Glorietta Sand	885'	1203'		
Redbed and Shale	1203'	1697'		
Anhydrite	1697'	1707'		
Shale	1707'	3135'		
Lime and Shale	3135'	6600'		
TD		6800'		
PBTD		6744'		

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

Date Received	 Signature W. A. Givens, Engineering Manager Title March 11, 1981 Date
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20-26-330