

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR Cities Service Company

API NO. 15 - 129 - 20615 - 00 - 00

ADDRESS 3545 N.W. 58th Street

COUNTY Morton

Oklahoma City, Oklahoma 73112

FIELD Winter North

**CONTACT PERSON Larry Ervin

PROD. FORMATION Upper Morrow

PHONE 405-949-4400

LEASE Harman B

PURCHASER

WELL NO. 4

ADDRESS

WELL LOCATION C NE SE

DRILLING Johnson Drilling Company

1980 Ft. from South Line and

CONTRACTOR

660 Ft. from East Line of

ADDRESS 111 Main Street

the SE/4 SEC. 13 TWP. 33S RGE. 43W

Evansville, Indiana 47708

WELL PLAT

PLUGGING

STATE CORPORATION COMMISSION

CONTRACTOR

ADDRESS

MAR 18 1982

CONSERVATION DIVISION

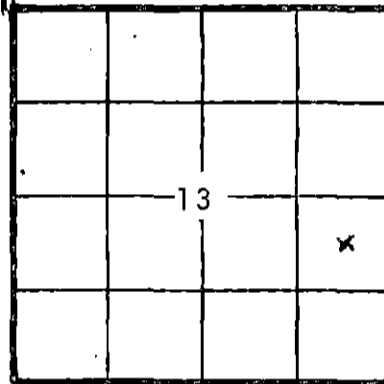
Wichita, Kansas

TOTAL DEPTH 4784' PBTD 4610'

SPUD DATE 1-20-82 DATE COMPLETED 3-5-82

ELEV: GR 3566' DF 3578' KB

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS



KCC [check]
KGS [check]
(Office Use)

Amount of surface pipe set and cemented 1375 KB DV Tool Used? NO

AFFIDAVIT

STATE OF Oklahoma, COUNTY OF Oklahoma, SS, I,

W. A. Givens OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Production Region Mgr. (FOR)(OF) Cities Service Company

OPERATOR OF THE Harman "B" LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 4 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 5th DAY OF March, 19 82, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

(S) [Signature]

SUBSCRIBED AND SWORN BEFORE ME THIS 15th DAY OF March, 19 82

[Signature] NOTARY PUBLIC

MY COMMISSION EXPIRES: 6-10-84

**The person who can be reached by phone regarding any questions concerning this information. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order...

MAR 22 1982

CONSERVATION DIVISION

SIDE TWO

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 & Sand	0	301	Dual Induction	Laterlog;
Redbed & Shale	301	921	Compensated Neutron	-Formation
Shale & Sand	921	1366	Density with GR & Calliper	ran
Anhydrite	1366	1376	from 1374-4784	
Shale	1376	2893	Ran CB & GR, C	Log
Lime & Shale	2893	4784		
TOTAL DEPTH		4784		
PBTD		4610		

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

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#	1375	Howco Light	600	1/4# Flocele 3% CaCl
Production	7-7/8"	5-1/2"	14#	4784	50/50 Pozmix	225	2% gel; .8% CFR-2 18% salt; 1/4# flocele

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3	DP Jets	4613-4618* Squeezed off
TUBING RECORD			4	DP Jets	4581-4585
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
* Squeezed with 110 sx. class H cmt & tested to 1000 psig; Acidized with 500 gals 7-1/2% BDA acid	4614-4618 4581-4585
Fracked w/5000 gals gelled diesel with 2# 20-40 sand and 2350 gal gelled diesel with 3# 10-20 sand	4581-4585

Date of first production DRY HOLE	Producing method (flowing, pumping, gas lift, etc.) WILL P & A	Gravity
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas bbls.
	Water %	Gas-oil ratio
Disposition of gas (vented, used on lease or sold)	MCF	CFPB

Perforations