

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5447
name Cities Service Oil & Gas Corp.
address 3545 NW 58th Street
City/State/Zip Oklahoma City, OK 73112

Operator Contact Person Raymond Hui
Phone (405) 949-4400

Contractor: license # 5302
name Red Tiger

Wellsite Geologist
Phone

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

12-9-84 12-18-84 1-24-85
Spud Date Date Reached TD Completion Date
3628' 3610
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 267 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15- 147-20468-00-00
County Phillips
SW NE SW Sec 14 Twp 5S Rge 20 East West

1520 Ft North from Southeast Corner of Section
3442 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

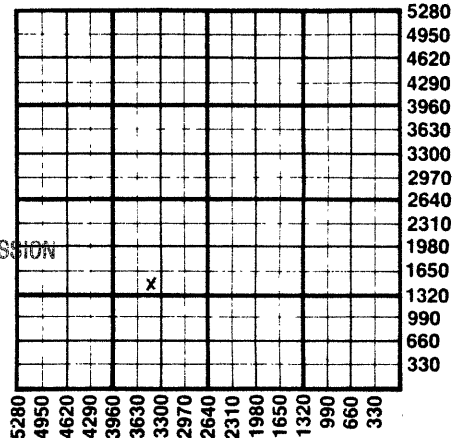
Lease Name Templeton A Well# 15W

Field Name Hansen

Injection
Producing Formation LKC

Elevation: Ground 2143 KB 2148

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
FEB 06 1985
02-06-85
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North From Southeast Corner and
(Well) Ft West From Southeast Corner of
Sec Twp Rge East West
 Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West
 Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature D.G. Oliver
D.G. Oliver
Title Engineering Manager Date 2-1-85
Subscribed and sworn to before me this 4th day of Feb. 19 85
Notary Public Joyce A. Porter
Date Commission Expires 6-1-88

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec. 14 Twp. 5S Rge 20W

SIDE TWO

Operator Name Cities Service Oil & Gas Corp Lease Name Templeton A Well# 15W SEC 14 TWP 5S RGE 20W East West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Top of cement is at 1654'

Ran GRN-PFC Log

Name	Top	Bottom
Anhydrite	1624	
LKC	3245	
	TD	3628
	PBTD	3610

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> used							
Report all strings set - conductor, surface, intermediate, production, etc.							
Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface	12-1/4"	8-5/8"	24#	267'	Class A	250	3% CC
Injection	7-7/8"	4-1/2"	10.5#	3627'	50-50 Poz	185	10% salt, 3/4% CFR 2
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
4	LKC "A" 3245-50'			Acidized LKC A Zone 3245-50, "B" 3280-86', "E" 3318-24 w/750 gals.			
4	LKC "B" 3280-86'			15% NE w/5% Checkersol in 3 stage			
4	LKC "E" 3318-24'						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
size 2 3/8" for: <u>120 jts packer at 3206'</u>							
Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input checked="" type="checkbox"/> Other (explain) <u>injection</u>						
1-23-85							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION: open hole perforation other (specify) _____

PRODUCTION INTERVAL: LKC "A" 3245-50' LKC "B" 3280-86' LKC "E" 3318-24'

Dually Completed. Commingled