

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 N.W. 58th Street
City/State/Zip Oklahoma City, Oklahoma 73112

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

Contractor: license # 7860
name Johnson Drilling Co., Inc.

Wellsite Geologist Scott Dillman
Phone (405) 949-4400

PURCHASER Panhandle Eastern

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
9-9-84 9-23-84 10-24-84
Spud Date Date Reached TD Completion Date

6876' 6720'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1773 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. 15-189-20772-0000

County Stevens (660' FNL, 1650' FEL)

CE/2 NW NE Sec 22 Twp 34S Rge 35 East West

4620 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

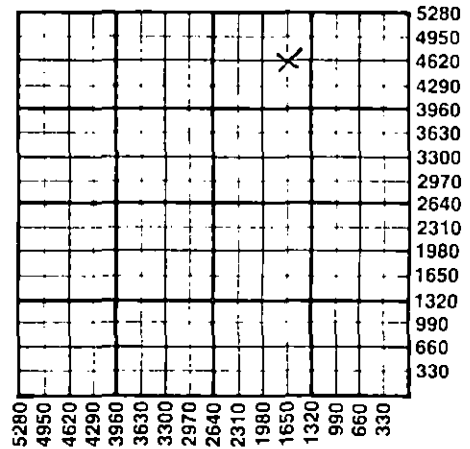
Lease Name Bonsall A Well# 2

Field Name Not Yet Named SKI SE

Producing Formation Chester

Elevation: Ground 2984' KB
DF: 2994'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # T84-156

Groundwater 405 Ft North From Southeast Corner and
2895 Ft. West From Southeast Corner of
Sec 15 Twp 34 Rge 35 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
Hauled to Green D #2 SWD Repressuring
Docket # 57710

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
Title Engineering Manager Date 11-30-84

Subscribed and sworn to before me this 30th day of November 19 84

Notary Public Date Commission Expires 6-12-88

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 22, Twp 34, Rge 35

Operator Name Cities Service Oil & Gas Lease Name Bonsall A Well# 2 SEC. 22 TWP. 34 RGE. 35 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

Logs: (Dresser Atlas)

Comp. Densilog & Comp. Neutron w/GR, Dual Ind. Focused Log, minilog, Prolog.

Name	Top	Bottom
Surface, Clay, Sand		380'
Sand, Redbed & Shale	380'	1106'
Glorietta Sand	1106'	1420'
Shale	1420'	1760'
Anhydrite	1760'	1774'
Shale	1774'	2660'
Lime & Shale	2660'	6860'

CASING RECORD new 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	1773'	65/35 Poz. Class "H"	650	2% CaCl ₂ 1/4# D-29
Production	7 7/8"	5 1/2"	15.5 14	6875' KB	50/50 Poz.	150 200	3% CaCl ₂ 1/4# D-29 18% salt .8% D-65 1/4# D-29

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	St. Louis Limestone 6740-50' Set CIBP @ 6720' w/2 sx cement on top	1100 gal. 15% MSR-100	6740-50'
4	6214-20' & 6236-44 Up. Chester Limestone	1500 gals. 15% MSR-100 3500 gal. 28% MSR-100	6214-44' " "

TUBING RECORD size 2-3/8" set at 6205' SN @6190' packer at Liner Run Yes No

Date of First Production	Producing method	Oil	Gas	Water	Gas-Oil Ratio	Gravity
SI waiting on PL	<input checked="" type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)		4-Point Test: CAOF: 2420 MCF			
Estimated Production Per 24 Hours		-0- Bbls				

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION

open hole perforation other (specify)

Dually Completed. Commingled

PRODUCTION INTERVAL

6214-6244' (2 Zones)

Upper Chester Limestone

RECEIVED
STATE CORPORATION COMMISSION
DEC 03 1984
CONSERVATION DIVISION
Wichita, Kansas