

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 # 7860
name Johnson Drilling Co.

Wellsite Geologist David Smith
Phone (405) 949-4411

Designate Type of Completion
 New Well Re-Entry Workover

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

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

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
5-17-84 5-29-84 6-29-84
Mud Date Date Reached TD Completion Date
6650' 6588'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1760' KB feet

Multiple Stage Cementing Collar Used? Yes No

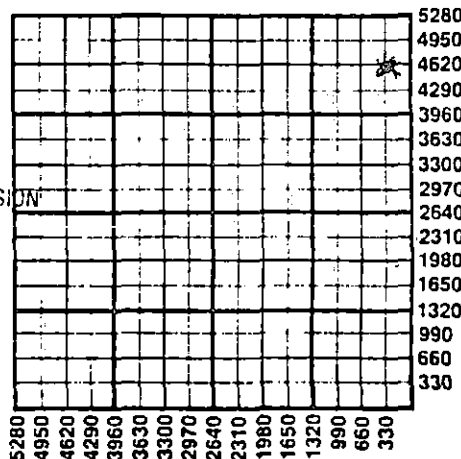
If Yes, Show Depth Set feet

Alternate 2 completion, cement circulated
feet depth to w/ SX cmt

API NO. 15-189-20725-00-00
County Stevens
SE NE NE Sec. 25 Twp. 34 Rge. 35
4520 Ft North from Southeast Corner of Section
560 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Federal Land Bank E Well# 3
Field Name Kinney
Producing Formation Chester
Elevation: Ground 2956' KB
DF: 2967

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
JUL 12 1984
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # T84-219
 Groundwater 3475 Ft North From Southeast Corner and
835 Ft. West From Southeast Corner
Sec Twp Rge East West
 Surface Water Ft North From Southeast Corner and
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 # Green D-2 SWD well.

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.

A 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 temporarily abandoned wells.

I certify that the 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 Mgr.
Date: 7-9-84
Subscribed and sworn to before me this 10th day of July 1984
Notary Public
Notary Commission Expires 7/20/84

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

Sec. 25 Twp. 34 Rge. 35

CONFIDENTIAL

SIDE TWO
Federal Land

Operator Name Cities Service Oil & Gas Corp Lease Name Bank E Well# 3 SEC 25... 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

0' - 415' Surface, Clay, & Sand
415' - 1128' Sand, Redbed, & Shale
1128' - 1335' Glorieta Sand
1335' - 1659' Shale
1659' - 1678' Anhydrite
1678' - 2660' Shale
2660' - 6650' Lime & Shale
6650' Total Depth
6588' P.B.T.D.

Name Top Bottom

Logging:
DIL - SFL w/GR,
CNL - FDC w/GR & Caliper,
Microlog w/GR, CBL/GR/CCL

RELEASED

JUL 1 1985

FROM CONFIDENTIAL

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	1760 KB	65/35 Poz. Class H	650	2% CaCl ₂ , 1/2 #D-29
Prodn.	7-7/8"	5 1/2"	15.5, 14	6642'	50/50 Poz.	225	3% CaCl ₂ , 1/2 #D-29, 2% total gel, 18% salt, 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
2	Chester Sand 6484-6516'			diesel oil breakdown w/ 3500 gal diesel Frac trtd w/49,000 gal gelled diesel, 48,000# 20/40 sand and 36,000# 12/20 sand			6484-6516'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		set at		packer at		Producing method	
6-27-84						<input checked="" type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)	
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
387 Bbls		179 MCF	33 Bbls	463 CFPB	39°@60°F		

Disposition of gas: vented sold used on lease
METHOD OF COMPLETION: open hole perforation other (specify)
PRODUCTION INTERVAL:6484-6516'.....
 Dually Completed.
 Commingled