

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 # 5141  
name Zenith Drilling Corp.

Wellsite Geologist Calvin Clay  
Phone 405-949-4400

Purchaser: Citgo Petroleum  
Designate Type of Completion  
X. 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  
9-24-84 10-7-84 11-20-84  
Spud Date Date Reached TD Completion Date

6400' 6360'  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1699' KB feet

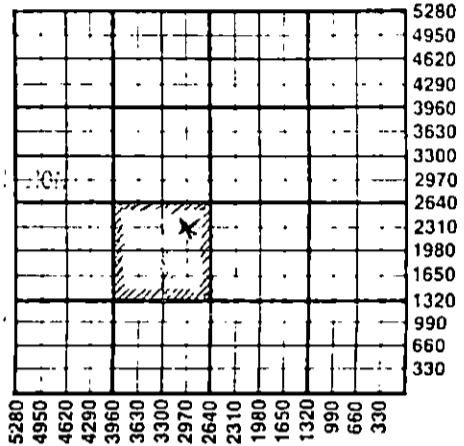
Multiple Stage Cementing Collar Used?  Yes  No  
DV Tool at 3214' for  
If Yes, Show Depth Set Prod. CSG. feet

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

API NO. 15 - 175-20776-0000  
County Seward  
CNE NE SW Sec 20 Twp 32 Rge 34 Xw  
(location) 2310' FSL, 2310' FWL  
2310 Ft North from Southeast Corner of Secti  
2970 Ft West from Southeast Corner of Secti  
(Note: locate well in section plat below)

Lease Name Hitch 0 Well# 1  
Field Name Wildcat  
Producing Formation Chester DF: 2958'  
Elevation: Ground 2949' KB  
Acreage Attributed: 40 (outlined)  
Section Plat

DEC 17 1984  
12-17-84



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit # T84-624  
 Groundwater 2380 Ft North From Southeast Corner (Well) 3120 Ft. West From Southeast Corner  
Sec 20 Twp 32 Rge 34  East  West  
 Surface Water Ft North From Southeast Corner a (Stream, Pond etc.) Ft West From Southeast Cor  
Sec Twp Rge  East  West  
 Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket # C-15,615  
Hitch E #2 SWD

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 82-3-10 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 12-14-84

Subscribed and sworn to before me this 14th day of December, 1984

Notary Public 6-12-88  
Date Commission Expires 12-12-88

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. 20 Twp. 32 Rge. 34

**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:

BHC Sonic w/GR & Caliper,  
 Dual Ind. w/GR & Caliper,  
 Comp. Density & Neutron w/GR,  
 Microlog w/GR.

Name	Top	Bottom
Sand	0	66
Red Bed & Anhydrite	66	517
Glorietta Sand	1220	1410
Anhydrite, Shale	1690	1930
Lime & Shale	1930	2685
Lime, Dolomite	2685	3670
Dolomite, Lime & Shale	3670	3900
Lime & Shale	3900	6400
	T.D.	6400

**RELEASED**  
**MAY 29 1986**  
**FROM CONFIDENTIAL**

CASING RECORD <input 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#	1699' KB	65/35 Poz. Class "H"	650	2% CaCl. 1/2# Flocc
Production	7-7/8"	5-1/2"	15.5 & 14#	6399' KB	50/50 Poz. DV Tool @ Pozmik	175 & 250	3% CaCl. 1/4# Flocc 18% salt 1/4# D-29 8% D-65

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	6232-40' Basal Chester Sand	2000 gals. diesel oil 34,000 gal. gelled diesel & 48,000 #. 20/40 sand	6232-40' 6232-40'

TUBING RECORD		Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)	size	set at
10-23-84		2-3/8"	6241' KB
Estimated Production Per 24 Hours	Oil	Gas	Water
	37 Bbls	-0- MCF	184 Bbls
			Gas-Oil Ratio
			---- CFPB
			Gravity
			36°

METHOD OF COMPLETION		PRODUCTION INTERVAL
Disposition of gas: <input type="checkbox"/> vented <input type="checkbox"/> sold <input type="checkbox"/> used on lease	<input type="checkbox"/> open hole <input checked="" type="checkbox"/> perforation <input type="checkbox"/> other (specify)	6232-6240'
	<input type="checkbox"/> Dually Completed. <input type="checkbox"/> Commingled	Chester