

CONFIDENTIAL

SIDE ONE

CONFIDENTIAL FILING

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 Okla. City, Okla. 73112

Purchaser: Oil: Citgo Petroleum
Gas: PEPL

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

Contractor: License # 5141
Name Zenith Drilling Corp.

Wellsite Geologist David Smith
Phone (405) 949-4400

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
3-16-85 3-28-85 5-2-85
Spud Date Date Reached TD Completion Date
6500' 6455'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1699 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. 15-175-20837-0000

County Seward

NW NW SE Sec. 28 Twp 32 Rge 34 East West

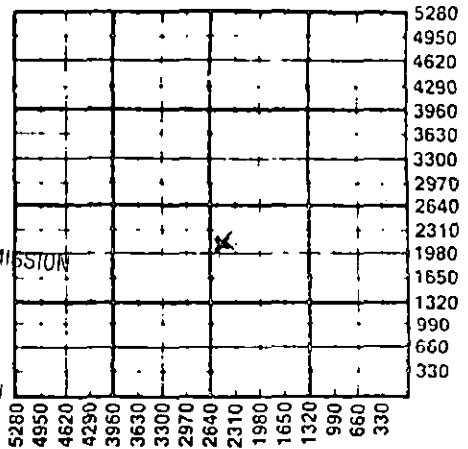
2080 Ft North from Southeast Corner of Section
2530 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Hitch O Well # 1

Field Name Shuck

Producing Formation Chester

Elevation: Ground 2912' KB 2922'
Section Plat



RECEIVED
STATE CORPORATION COMMISSION
MAY 31 1985
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # C-15-615

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # T85-242

Groundwater 1955 Ft North from Southeast Corner
(Well) 2530 Ft West from Southeast Corner of
Sec 28 Twp 32S Rge 34 East West

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D. #)

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. Rule 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 5-29-85

Subscribed and sworn to before me this 29th day of May 1985
Notary Public Joseph J. Porter
Date Commission Expires 6-12-88

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

rel 276 wp 34 Rge 34

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SIDE TWO

Operator Name Cities Service Oil & Gas Corporation Lease Name Hitch 0 Well # 1

Sec. 28 Twp. 32 Rge. 34 East West County Seward

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

Electric Logs run:
 DIL-SFL w/GR & SP, CNL-LDT w/GR & Caliper, Micro-log w/GR.

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Name	Top	Bottom
Sand	0	40
Sand & Red Bed	40	340
Glorietta sand	1185	1375
Anhydrite	1686	1699
Marmaton	5000	
Cherokee	5192	
Morrow	5590	
Chester	5806	
Basal Chester		
Sand	6130	
St. Genevieve	6164	
St. Louis	6210	

RELEASED

SEP 10 1986

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#	1699'	65/35 Poz Class H	650	2% CaCl 1/2# D-29 3% CaCl 1/4# D-29
Production	7-7/8"	5-1/2"	15.5, 14	6496' KB	50/50 Poz.	250	18% Salt, 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	6140-48' Chester Sand			800 gal. diesel w/7-1/2% WSA-1 32,500 gas gelled diesel & 42,000# 20/40 sand			6140-48' 16#D-130
TUBING RECORD							
Size 2-3/8"		Set At 6145' KB	SN @ 6130' KB	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First Production		Producing Method					
4-19-85		<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	
		233 Bbls	951 MCF	77 Bbls	4076 CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold, will be Other (Specify) 6140-6148'
 Used on Lease Dually Completed Commingled Chester.....

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