

-SIDE ONE-

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: Texaco, Inc.
 Gas: Kansas Power & Light Co.

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

Contractor: License # na
 Name Lohmann - Johnson Drilling Co.

Wellsite Geologist: na
 Phone:

Designate Type of Completion
 New Well Re-Entry Workover
 Old Well - na
 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

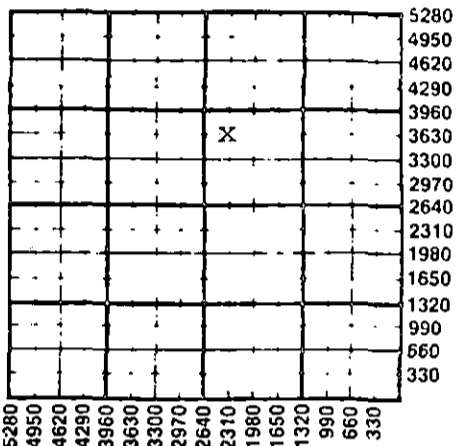
WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

.3-4-60	.3-21-60	.4-14-60
Spud Date	Date Reached TD	Completion Date
.4324'	.4302'	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 408 feet
 Multiple Stage Cementing Coilar 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-... none assigned
 County... Kingman
 C.NW..SW..NE.. Sec. 18.. Twp. 30.. Rge. 8.. East West
 ..3630.... Ft North from Southeast Corner of Section
 ..2310.... Ft West from Southeast Corner of Section
 (Note: Locate well in section plat below)
 Lease Name... Messenger "D" Well #..3.
 Field Name... Spivey - Grabs
 Producing Formation... Mississippi
 Elevation: Ground... 1582 DF: 1585



WATER SUPPLY INFORMATION
 Disposition of Produced Water: Disposal Repressuring
 Docket # D-4409

Questions on this portion of the ACO-1 call:
 Water Resources Board (913) 296-3717
 Source of Water:
 Division of Water Resources Permit #
 Groundwater.....Ft North from Southeast Corner (Well)Ft West from Southeast Corner of Sec Twp Rge 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 Del. G. Oliver
 Title: Engineering Manager Date 12-12-85

Subscribed and sworn to before me this 12 day of December 1985
 Notary Public: Jessica Jo Howell
 Date Commission Expires 4-24-89

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

RECEIVED STATE CORPORATION COMMISSION

SIDE TWO

Operator Name **Cities Service Oil & Gas Corporation** Lease Name **Messenger D.** Well # **3**

Sec. **18** Twp. **30** Rge. **8** East West County **Kingman**

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

	Name	Top	Bottom
DST #1 4211-38 Open 1 hr., gas 1 min. 1620 MCF/15 min., stable. ISIP 1565#, IFP 290#, FFP 275# FSIP 1493#.	Heebner	3285	
	Douglas	3330	
DST #2 4238-63, open 30 min. gas 3 min. TSTM, mud 11 min., oil in 12 min. ISIP 1565#, IFP 535#, FFP 895#, FSIP 1520#.	Lansing	3490	
	Base Kansas	3993	
	City		
	Mississippi	4212	
DST #3 4263-73' 1 hour, gas 3 min., 61 MCF/15 min, TSTM/30 min., ISIP 1552#, IFP 155# FFP 365#, FSIP 1430#.			
DST #4 4273-83, open 1 hr, no gas, ISIP 1565#, IFP 45#, FFP 206#, FSIP 1505#.			
DST #5 4298-4320', open 1 hr., no gas, weak blow, ISIP 1405#, IFP 20#, FFP 45#, FSIP 1075#.			

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"	28	408'		275	
Production	7-7/8"	5-1/2"	14	4319'		170	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
6	4266-71, 4257-62'			500 gals. mud acid		4266-71'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Size	Set At	Packer at			
		2-3/8"	4259'				
Producing Method		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
4-14-60 IP: Flowing		Oil 59 BO, 19 BW, 354 MCFG			Water Gas-Oil Ratio Gravity		
Estimated Production Per 24 hours		As of October 1985:					
Flowing		1.3	Bbls	33.8	MCF	3	Bbls

METHOD OF COMPLETION		Production Interval
Disposition of gas. <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perforation <input type="checkbox"/> Other (Specify)	4266-4271'
<input type="checkbox"/> Dually Completed <input type="checkbox"/> Commingled		