

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 Citjes Service Oil & Gas Corp
Address 3545 N.W. 58th Street
City/State/Zip Okla. City, Okla. 73112

Purchaser: Natural Gas Sales Co., Inc.
Hays, Kansas

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

Contractor: License # 5662
Name Wakefield Oil Co., Inc.

Wellsite Geologist Robert Vick
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.)

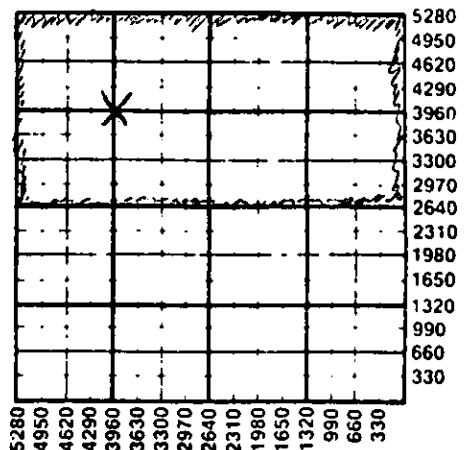
If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
8-25-85 8-29-85 11-1-85
Spud Date Date Reached TD Completion Date
2940' 2891'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 611 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1299 feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15-071-20379-00-00
County Greeley
C. NW Sec. 33 Twp. 19 Rge. 29
1320' FNL, 1320' FWL
app. 3960' Ft North from Southeast Corner of Section
app. 3960' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Sandifer "A" Well # 1
Field Name Bradshaw
Producing Formation Winfield
Elevation: Ground 3514' DF: 3519'



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # D-24203 Repressuring

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 hereon are complete and correct to the best of my knowledge.

Signature D. G. Oliver
Title Engineering Manager Date 11-11-85

Subscribed and sworn to before me this 11th day of November 1985.
Notary Public Joseph S. Plaster
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)

RECEIVED
STATE CORPORATION COMMISSION
NOV 3 11-13-85
Form ACO-1 (7-84)

33
Imp
Rge
29W

SIDE TWO

Operator Name **Cities Service Oil & Gas Corporation** Lease Name **Sandifer "A"** Well # **1**

Sec. **33** Twp. **19S** Rge. **39** East West County **Greeley**

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

Elec. Logs:
 CBL-LDT
 DIL-SFL

Name	Top	Bottom
Surface, sand & Gravel	0	75
Sand & Clay	75	612
Blue Shale	612	1090
Sand	1090	1236
Shale	1236	2195
Shale & Anhydrite	2195	2460
Shale & Lime	2460	2670
Lime & Shale	2670	2940

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 (KB)	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	611'	Lt. Poz.	375	3% CaCl 1/4# Floc.
Production	7-7/8"	5-1/2"	14#	2939'	Pozmix	225	2% CaCl 1/4# Flocele
			DV Tool at 1299'		Pozmix	200	18% salt

PERFORATION RECORD
 Shots Per Foot Specify Footage of Each Interval Perforated Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

4	2819-2827'	winfield	1000 gals. Spearhead acid	2819-27'
			14,500 gals. Versagel and	
			15,500 # 20/40 sand	

TUBING RECORD Size 2-3/8" Set At Packer at 2796' KB Liner Run Yes No

Date of First Production SI WOPL Conn. Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	-0- Bbls	391 MCF	24 Bbls	CFPB	
			Load Water		

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Sold Used on Lease Open Hole Perforation Other (Specify) 2819-2827'
 Dually Completed Commingled