

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
Oklahoma City, Oklahoma
City/State/Zip 73112

Purchaser None - SW Disposal Well

Operator Contact Person Raymond Hui
Phone (405) 949-4432

Contractor: License # 5418
Name Allen Drilling Company

Wellsite Geologist Bill Keller
Phone

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

10-15-86 10-24-86 11-14-86
Spud Date Date Reached TD Completion Date

4175' PBTD
Total Depth

Amount of Surface Pipe Set and Cemented at 332 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
Cement Company Name
Invoice #

API NO. 15-173-20772-0000
County Sedgwick
SE SW NW Sec 12 Twp 26 Rge 1 East West

2970 Ft North from Southeast Corner of Section
4540 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

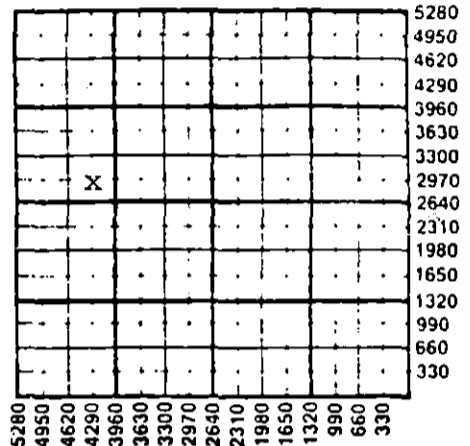
Lease Name Adamson A Well # 3D

Field Name Valley Center

Disposal ~~Rocky~~ Formation Arbuckle

Elevation: Ground 1340 1345 KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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 triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 11/12/86

Subscribed and sworn to before me this 14 day of November 1986

Notary Public Jan Thompson

Date Commission Expires 6-24-89

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

Operator Name Cities Service Oil & Gas Corp Lease Name Adamson A Well # 3D

Sec. 12 Twp. 26 Rge. 1 East West County Sedgwick

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

DST #1 3390'-3411' Simpson Sand
 DST #2 3400-3411'
 DST #3 3405-3411' Misrun

Ran Dresser Atlas Comp. Neutron Density,
 Dual Induction & Micro Logs.

Name	Top	Bottom
Lansing	2347	
Kansas City	2549	
Marmaton	2783	
Mississippi	3015	
Kinderhook	3226	
Viola	3329	
Simpson	3348	
Arbuckle	3426	
	TD	4175

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
Conductor Pipe	22"	16"	75#	76'	60/40 Pox	160	
Surface	14-3/4"	10-3/4"	40-1/2#	332'	Class A	200	3% gel 2% CC
Production	10-3/10"	7"	20#	3437'	50/50 Pox	150	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
	OH 4175'	15,000 gals. acid	4175'

TUBING RECORD			
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4-1/2"	3425'	3524'	

Date of First Production	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (explain) SW Disposal

Waiting on KCC's approval.	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Conmingled

SW Disposal

4175'