

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL 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: Not applicable

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

Contractor: License # 7860
Name Johnson Drilling Company

Wellsite Geologist Mr. Cravens
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 CWNO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

4-3-85 4-12-85 5-3-85
Spud Date Date Reached TD Completion Date
4782' KB 4730'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1527 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. 15-067-20602

County Grant

SW NW SE Sec. 13 Twp 28S Rge. 36E
1919' FSL, 2395' FEL

1919 Ft North from Southeast Corner of Section
2395 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

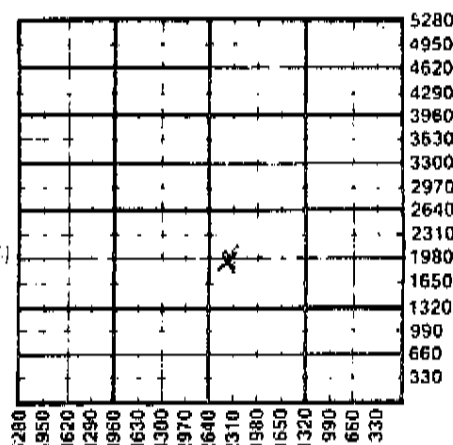
Lease Name Davatz Morrow Unit Well # 5038

Field Name Davatz

Producing Formation Lansing/Kansas City

Elevation: Ground 3086' DF: 3097'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☐ Disposal
Docket # E-20,419 ☒ 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 herein are complete and correct to the best of my knowledge.

Signature Del Oliver

Title Engineering Manager Date 6-11-85

Subscribed and sworn to before me this 11th day of June 1985

Notary Public Joyce A. Porter

Date Commission Expires 6-12-88

K.C.C. OFFICE USE ONLY

☐ Letter of Confidentiality Attached
☒ Wireline Log Received
☐ Drillers Timelog Received
Distribution
☒ KCS ☐ SWD/Rep ☐ NGPA
☒ KGS ☐ Plug ☐ Other
(Specify)

SIDE TWO

Operator Name Cities Service Oil & Gas Corporation Lease Name Davatz Morrow Unit Well # 5038
Sec. 13 Twp. 28S Rge. 36 ☐ East ☒ West County Grant

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

Electric logs:
DIL-SFL w/GR, CNL-FDC w/GR & Caliper.

Formation Description
☐ Log ☐ Sample

Name	Top	Bottom
Surface, clay & sand	0	416
Redbed, sand & shale	416	1350
Glorietta Sand	1350	1443
Shale	1443	1820
Anhydrite	1820	1836
Shale	1836	2556
Lime & Shale	2556	4782'

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	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	14-3/4"	11-3/4"	54#	1527'KB	65/35 Poz	700	2% CaCl 1/2# flocc
Production	9-1/2"	7"	23#	4781'KB	Class H	150	3% CaCl 1/4# flocc
			DV Tool @	3292'KB	50/50 Poz	275	18% salt 8SD-65,
						200	D-130
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
Shots Per Foot	Specify Footage of Each Interval Perforated						
4	Lansing/KC 4623-30'; 4518-37' & 4416-33'			Acidized w/5000 gals. 15% MSR-100 acid 4416-4630'			
TUBING RECORD				Liner Run ☐ Yes ☐ No			
Date of First Production		Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....					
SI wtg on Test Equipment							
Estimated Production Per 24 hours		Oil Bbls	Gas MCF	Water	Gas-Oil Ratio	Gravity	
				600 Bbls		CFPB	
		WATER SUPPLY WELL					
METHOD OF COMPLETION				Production Interval			

Disposition of gas: ☐ Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ☒ Perforation ☐ Other (Specify) 4416-4630'.....
☐ Dually Completed ☐ Commingled