

\*Amended to show change of well number, from Odell "U" #1 to Odell "U" #2.

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 Northern Natural Gas Co.  
Omaha, Nebraska 68102

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

Contractor: License # 7860  
Name Johnson Drilling Co., Inc.

Wellsite Geologist  
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 OWN: old well info as follows:  
Operator Cities Service Oil & Gas Corp.  
Well Name Wilburton Morrow "C" Sd. Unit  
Comp. Date 11-29-83 Old Total Depth 5011'

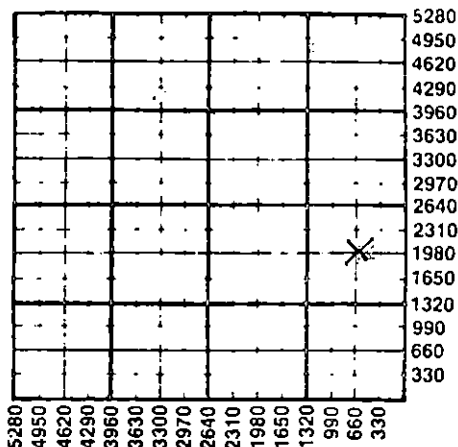
WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
11-2-83 11-29-83  
Spud Date Date Reached TD Completion Date  
5011' 4968' \*Re-completed  
Total Depth PBTD 9-10-85

Amount of Surface Pipe Set and Cemented at 1457 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. 15-129-20675-00-01  
County Morton  
C... NE... SE... Sec. 32... Twp. 34... Rge. 41...  East  West  
1980... Ft North from Southeast Corner of Section  
660... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)  
Lease Name Odell "U" Well #... 2...  
(formerly WMSU #1602)  
Field Name Wilburton  
Producing Formation Morrow  
(Morrow "L") (formerly Morrow "C")  
Elevation: Ground 3464' KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  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 Delbert G. Oliver  
Title Engineering Manager Date 10-15-85

Subscribed and sworn to before me this 15th day of October 1985.  
Notary Public Joseph S. Parker  
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

Form ACO-1 (7-84)

OCT 16 1985

CONSERVATION DIVISION

Sec. 32 Twp 34 Rge 41

SIDE TWO

Operator Name Cities Service Oil & Gas Corporation Lease Name Odell "U" Well # 2

Sec. 32 Twp. 34 Rge. 41  East  West County Morton

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
Surface, Clay & Sand	0	310
Sand, Redbed & Shale	310	1055
Glorietta Sand	1055	1165
Shale	1165	1448
Anhydrite	1448	1458
Shale	1458	2570
Lime & Shale	2570	5011

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
See original ACO-1							
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
	Original perfs (4868'-72') Morrow "C" zone were squeezed off w/112 sacks Class H cement						
* 4	4915-4934' Morrow "L"						
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
		2-3/8"	SN @ 4915'				
Date of First Production		Producing Method					
		SI WO 4-Point & Pipeline <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	
		-0- Bbls	249 MCF	-0- Bbls		CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas.  Vented  Open Hole  Perforation  
 Sold, to be  Other (Specify) ..... Morrow "L"  
 Used on Lease  
 Dually Completed ..... 4915-34'  
 Commingled