

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 CITGO  
CIG

Operator Contact Person Raymond Hui  
Phone (405) 949-4268

Contractor: License # 3076  
Name Exeter Drilling Company

Wellsite Geologist Andy Howell  
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  
6/29/87 7/9/87 10/7/87  
Spud Date Date Reached TD Completion Date  
5100' 4959'  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1413 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set DV Tool at 3649 feet  
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt  
Cement Company Name  
Invoice #

API NO. 15-129-20873-0000

County Morton

E/2 SW/4 SE/4 Sec. 7 Twp. 33S Rge. 43 East  
West

660 Ft North from Southeast Corner of Section  
1830 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

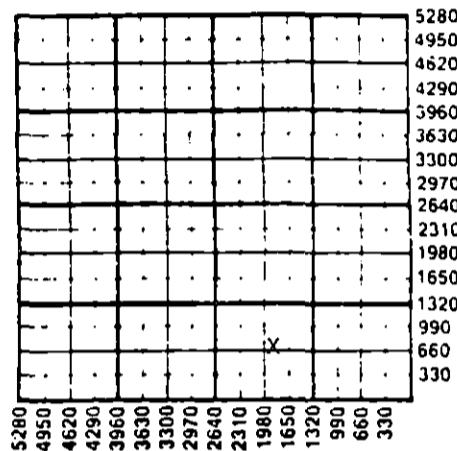
Lease Name Neill C Well # 3

Field Name Turmorrow

Producing Formation Morrow L

Elevation: Ground 3662' KB 3673'

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 # T87-214

Groundwater 255 Ft North from Southeast Corner  
(Well) 5050 Ft West from Southeast Corner of  
Sec 8 Twp 33S Rge 43 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 Special Projects Manager Date 11/11/87

Subscribed and sworn to before me this 11 day of November 1987

Notary Public

Date Commission Expires 4-24-89

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)

RECEIVED  
STATE CORPORATION COMMISSION

NOV 19 1987  
11-19-87  
CONSERVATION DIVISION  
Wichita, Kansas

Operator Name Cities Service Oil & Gas Corp Lease Name Neill C Well # 3

Sec. 7 Twp. 33S Rge. 43  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

Microlog w/GR & Caliper 5093'-2800'  
 Ran Dual Induction SFL w/SP and GR 5093'-1408', Comp.  
 Neutron Lithodensity GR and Caliper 5093-2800';  
 Ran CBL, CCL & GR logs from 4959-1380'. Top of cmt on first stage 3768'. Top of cmt on 2nd stage 1604'.

Name	Top	Bottom
Red Bed	0	1328
Anhy. Shale	1328	1414
Lm & Sh	1414	1964
Lime	1964	4635
Lm & Sh	4635	5088
TD	5088	5100
PBTD		4959

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	30"	20"		20'	Redj-Mix	2 yds	
Surface	12 1/4"	8 5/8"	24#	1413'	Cl. C.	920	6% gel, 2% Ca Cl
Production	7 7/8"	5 1/2"	14#	5099'	Poz. H.	300	gel, 12% salt & 1/4#
DV Tool at 3649'					Poz C	525	2% Ca Cl LCM/sx
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	Morrow L. 4732-4738'			Frac 18000 gal containing 18 gals HY-FLO; 152 gals MO-55; 57 gal MO-56		4732-4738'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
10/7/87		<input type="checkbox"/> Flowing <input checked="" 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	
➔		12 Bbls	7.4 MCF	3.75 Bbls	617 CFPB		

METHOD OF COMPLETION Production Interval

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

4732-4738'