

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 Citizen Service Oil & Gas Corp
 Address 3545 NW 58th Street
Oklahoma City, Oklahoma
 City/State/Zip 73112
 Purchaser CIG
 Operator Contact Person Raymond Hui
 Phone (405) 949-4268
 Contractor: License #
 Name Exeter Drilling Company
 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 Old: old well info as follows:
 Operator
 Well Name
 Comp. Date Old Total Depth.....

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
 8/31/87 9/9/87 10/26/87
 Spud Date Date Reached TD Completion Date
 5100' 5034'
 Total Depth PBTD
 Amount of Surface Pipe Set and Cemented at 1408' feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set.....feet
 If alternate 2 completion, cement circulated
 from.....feet depth to.....SX cmt
 Cement Company Name
 Invoice #

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. PA
 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 request
 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
 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
 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 11/10/87

Subscribed and sworn to before me this 10 day of November
 1988
 Notary Public Jeresa Jo Thwirth
 Date Commission Expires 4-24-89

API NO. 19-... 129-20886-00 00
 County Morton
 CSE/4 NE/4 SE/4 Sec. 7 Twp. 33S. Rge. 43 E4
 1650 Ft North from Southeast Corner of Sect
 330 Ft West from Southeast Corner of Sect
 (Note: Locate well in section plot below)
 Lease Name Neill B Well # 2
 Field Name Turmorow
 Producing Formation Morrow
 Elevation: Ground 3656 3673' KS

Section Plot

5280										5280
4950										4950
4620										4620
4290										4290
3960										3960
3630										3630
3300										3300
2970										2970
2640										2640
2310										2310
1980										1980
1650									X	1650
1320										1320
990										990
660										660
330										330
5280										5280
4950										4950
4620										4620
4290										4290
3960										3960
3630										3630
3300										3300
2970										2970
2640										2640
2310										2310
1980										1980
1650										1650
1320										1320
990										990
660										660
330										330

WATER SUPPLY INFORMATION
 Disposition of Produced Water: Disposal
 Cocket # 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 W4S
 Surface water.....Ft North from Southeast Corner
 (Stream, pond etc).....Ft West from Southeast Corner
 Sec Twp Rge East W4S
 Other (explain) purchased
 (purchased from city, R.S.D. #

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
 Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
 (Specify)
 RECEIVED
 STATE CORPORATION COMMISSION
 DEC 10 1988

Operator Name ... Cities Service Oil & Gas Corp ... Lease Name Neill B ... Well # 2

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 rate 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

Ran Comp. Neutron Lithodensity w/GR from 5086-2762';
 Microlog w/GR & Caliper from 5069-2794' & DIL-SFL
 w/SP & GR from 1406-5090'.

Ran CBL/CCL/GR log from PBD of 5034' to 3580'.

TOC at 3790'.

Name	Top	Bottom
Red Bed	0	910
Cim. Anhy.	910	1409
Shale	1409	2325
Lm. & Sh.	2325	4686
Lime	4686	5100
TD		5100
PBD		5034

RELEASED

JAN 11 1989

FROM CONFIDENTIAL

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"		21'	Redi-mix	2 yds	
Surface	12 1/4"	8 5/8"	24#	1408'	65/35 Poz	625	6% gel; 2% CaCl ₂
Production	7 7/8"	5 1/2"	14#	5099KB	CI H	235	6% gel; 12% salt
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. 4699-4703 (4 x 16 holes)			Not acidized Not fractured			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size <u>2 3/8"</u> Set At <u>4705'</u> Packer at					
Waiting for pipeline connection		Producing Method		<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	Gravim.	
		0 Bbls	CAOF 1200 MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify) 4699-4703'
 Dually Completed Commingled