

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  
City/State/Zip Oklahoma City, OK 73112

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

Contractor: license #  
name Abercrombie Drilling

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 OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

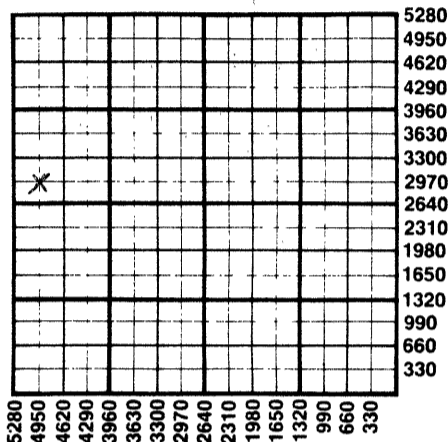
WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
2-5-85 2-15-85 2-15-85  
Spud Date Date Reached TD Completion Date  
5150 - -  
Total Depth PBTD  
Amount of Surface Pipe Set and Cemented at 383 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 - 023-20223 -06-00  
County Cheyenne  
SW SW NW Sec 25 Twp 2S Rge 42  
(location) 297.0 Ft North from Southeast Corner of Section  
495.0 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

Lease Name Northrup C Well# 1  
Field Name Northrup  
Producing Formation (Dry)  
Elevation: Ground 3692' KB 3697'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #  
 Groundwater... Ft North From Southeast Corner and (Well) Ft. West From Southeast Corner of Sec Twp Rge  East  West  
 Surface Water... Ft North From Southeast Corner and (Stream, Pond etc.) Ft West From Southeast Corner Sec Twp Rge  East  West  
 Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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. Rules 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 William G. Oliver  
Title Engineering Manager Date 3-4-85

Subscribed and sworn to before me this 5th day of March 19 85

Notary Public Joyce S. Porter  
Date Commission Expires 8-12-88

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)

Form ACO-1  
(This form supercedes previous forms ACO-1 & C-10)

Sec. 25 Twp. 2S Rge. 42W

Operator Name Cities Service Oil & Gas Corp Lease Name Northrup C Well# 1 SEC. 25 TWP. 2S RGE 42  East  West

**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
DST #1	4816-4840' (24' anchor) LKC "F" Zone 30-60-30-60	Anhydrite	3624	3667'
DST #2	5042-5100' (58' anchor) Cherokee 30-60-30-60	Marmaton Cherokee	4979'	5051'
DST #3	Straddle Test 5103-19', Cherokee			
DST #4	5105-18' (13' anchor & 32 tailpipe) Cherokee 30-60-30-60			

RECEIVED  
 STATE CORPORATION COMMISSION

MAR 06 1985 3685

CONSERVATION DIVISION  
 Wichita, Kansas

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
Surface	12-1/4"	8-5/8"	24#	383'	Class A	275	3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
	Not Perforated			Not Acidized			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)					
Estimated Production Per 24 Hours	Oil Dry Hole - Bbls	Gas Not Tested MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity		

Disposition of gas:  vented  
 sold  
 used on lease

METHOD OF COMPLETION  
 open hole  perforation  
 other (specify) .....

PRODUCTION INTERVAL

Dually Completed.  
 Commingled