

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 -

Operator Contact Person Raymond Hui
Phone (405) 949-4432

Contractor: License #
Name Wakefield Drilling Company

Wellsite Geologist Andrew 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 OWNED: old well info as follows:

Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

12/26/86 1/7/87 2/27/87
Spud Date Date Reached TD Completion Date

5130' 5086'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1391 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
Cement Company Name
Invoice #

API NO. 15-129-20839-0000
County Morton
NE NE NE Sec 18 Twp 33S Rge 43 East West

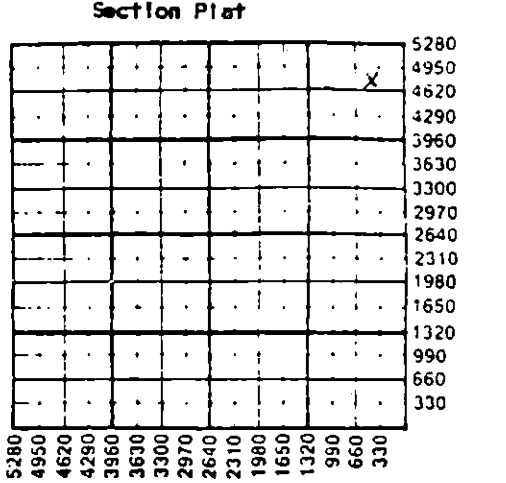
4822 Ft North from Southeast Corner of Section
474 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Bookstore A Well # 1

Field Name Tomorrow

Producing Formation Morrow I-3

Elevation: Ground 3655' KB 3663'



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 # T86-428

Groundwater 4695 Ft North from Southeast Corner
(Well) 4720 Ft West from Southeast Corner of
Sec 17 Twp 33 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 Engineering Manager Date 3/11/87

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

Notary Public Teresa Jo Howell

Date Commission Expires 4-24-89

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)

Operator Name ... Cities Service Oil & Gas Corp ... Lease Name ... Bookstore A ... Well # ...

NE NE NE
 Sec. 18 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

Ran Schlumberger logs as follows:
 DIL/SFL w/GR & Sp., CNL/LD w/GR, Microlog w/GR and Cal. Ran CBL/CET w/GR & CCL from loggers PBTD of 5063' to 3600'. Est. TOC at 3770'.

Name	Top	Bottom
Shale	0	930
Anhydrite	930	1392
Shale & Sand	1392	1900
Shale & Lime	1900	5130
TD		5130
PBTD		5086

RELEASED
 APR 19 1988

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"		19"	Red-Mix	2 yds	
Surface	12-1/4"	8-5/8"	24#	1391'	Cl. C	625	CaCl & 6% TG
Production	7-7/8"	5-1/2"	14#	5129'	65/35 Por selfstress 2	200	CaCl & D-29
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-3 Sand 4730-34' (4' 17 holes)			Acidized w/800 gals. 7-1/2" NSR-100		4730-34	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
1/30/87		<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
21 Bbls		17 MCF	12 Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

STATE CORPORATION COMMISSION
 MAR 30 3 40 PM '87
 CONSERVATION DIVISION
 Wichita, Kansas