

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 # 4752  
Name Source Petroleum  
Address 910 Century Plaza  
Wichita, Kansas 67202

Purchaser: Central States Gas & Koch

Operator Contact Person John Howard  
Phone (316) 262-7397

Contractor: License # 5302  
Name Red Tiger Drilling Company

Wellsite Geologist John Howard  
Phone (316) 262-7397

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

5/8/86 5/17/86 6/23/86  
Spud Date Date Reached TD Completion Date  
4,433' 4412'  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 296.18 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-007-22,135-00-00

County Barber

N/2 NW/4 NE/4 16 31S 12W  East  
Sec Twp Rge  West

4950 Ft North from Southeast Corner of Section  
1980 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

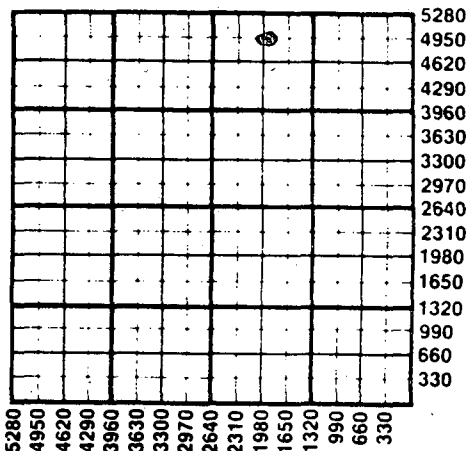
Lease Name Elliot "C" Well # 1

Field Name Amber Mills Est. Mearns, South

Producing Formation Mississippi

Elevation: Ground 1690' KB 1695'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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 500 Ft North from Southeast Corner (Stream, pond, etc) 2500 Ft West from Southeast Corner Sec 9 Twp 31S Rge 12  East  West

Tom Bedwell, Medicine Lodge, Kansas 67104  
 Other (explain)  
(purchased from city, R.W.D. #)

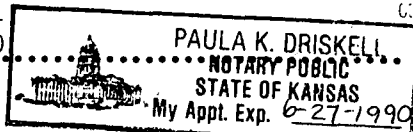
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.

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 Steven P. Murphy  
Title Partner Date 7-16-86

Subscribed and sworn to before me this 22nd day of August 1986  
Notary Public Paula K. Driskell  
Date Commission Expires 6-27-1990



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 (7-84)

AUG 25 1986

Sec 16 Twp 31 Rge 12 W

SIDE TWO

Operator Name Source Petroleum Lease Name Elliot "C" Well # 1

Sec. 16 Twp. 31S Rge. 12W  East  West County Barber

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  
 DST #1 4324-4370  
 30/60/60/90  
 IHP: 2470 FHP: 2344  
 IFP: 62-52 FFP: 52-52  
 ISIP: 1402 FSIP: 1402  
 Rec. 90' gas cut mud w/a slight show of oil.  
 GTS-9 min.  
 DST #2 4142'-4170'

Formation Description  
 Log  Sample

Name	Top	Bottom
Héebner	3630	(-1915)
Toronto	3647	(-1929)
Douglas	3666	(-1948)
Douglas SS1	3696	(-1978)
Iatan	3824	(-2106)
Kansas City	3830	(-2112)
Base KC	4283	(-2565)
Miss.	4348	(-2630)

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"	20#	303.38'	60/40 Poz	200	3% Gel 2% CC
Production	7 7/8"	4 1/2"	10.5#	4,427'	Surefill	90	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
3	4348-4363			1250 gal 10% DS-FE			
				30,600 gal CO <sub>2</sub> frac			
				w/36,000 #sand			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size 2 3/8	Set At 4341	Packer at				
Date of First Production		Producing Method					
July 22		<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	
		10	150	30	15/1	unknown	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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

4348-4363



MOVED OIL LITHOLOGY CYBERLOOK



Field Log

COMPANY: SOURCE PETROLDIUM  
 WELL: ELLIOT "C" #1  
 FIELD: AMBER MILLS EXTENSION  
 COUNTY: BARBER  
 STATE: KANSAS  
 NATION: USA  
 LOCATION: N/2 NW NE  
 4950' FSL & 1980' FEL  
 SEC: 16 TWP: 31 S

RECEIVED  
 STATE OF KANSAS  
 2601 22 MAY  
 CONSERVATION DIVISION  
 Wichita, Kansas

RGE: 12 W

PERMANENT DATUM: GROUND LEVEL ELEVATIONS-  
 ELEV. OF PERM. DATUM: 1713.0 F KB: 1718.0 F  
 LOG MEASURED FROM: K.B. DF: 1717.0 F  
 5.0 F ABOVE PERM. DATUM GL: 1713.0 F  
 DRLG. MEASURED FROM: K.B.

DATE: 17 MAY 86  
 RUN NO: 1

DEPTH-DRILLER: 4430.0 F  
 DEPTH-LOGGER: 4428.0 F  
 BTM. LOG INTERVAL: 4405.0 F  
 TOP LOG INTERVAL: 3500.0 F

CASING-DRILLER: 303 F  
 CASING-LOGGER: 304 F  
 CASING: 8 5/8"  
 WEIGHT: 24.00 LB/F  
 BIT SIZE: 7 7/8"  
 DEPTH: 4430 F