

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 # 4151
Name Crane Petroleum, Inc.
Address 5600 S. Syracuse Circle
Suite 205-A
City/State/Zip Englewood, Co. 80110

Purchaser.....

Operator Contact Person John Liston
Phone 316-792-4356

Contractor: License # 5149
Name Wheatstate Oilfield Services, Inc.

Wellsite Geologist Robert Elder
Phone 913/625-4266

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

11-2-85 11-10-85 11-10-85
Spud Date Date Reached TD Completion Date

4645
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 215 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. 15-101-21,244-0000

County Lane

SW SE NE Sec. 1 Twp. 17 Rge. 28 East West

2790 Ft North from Southeast Corner of Section
990 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

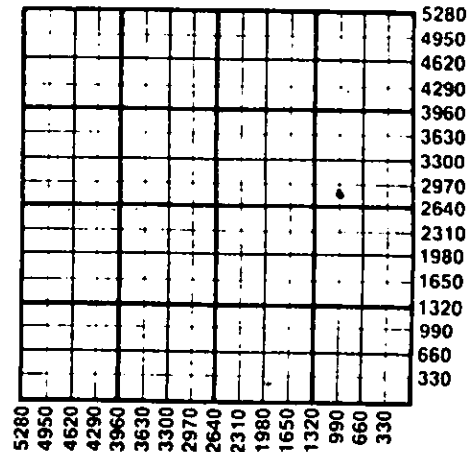
Lease Name Munsell Well # 1

Field Name.....

Producing Formation.....

Elevation: Ground 2729 KB 2737

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
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) Local Landowner, Jerry Erskin
(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 [Signature] President Date 12/4/85

Subscribed and sworn to before me this 4 day of December 1985.
Notary Public [Signature]

Date Commission Expires 4/19/89

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

DEC 9 1985
12-9-85
CONSERVATION DIVISION

Sec. 1, Twp. 17, Rge. 28

Operator Name Crane Petroleum, Inc. Lease Name Munsell Well # 1

Sec. 1 Twp. 17 Rge. 28 East West County Lane

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

Adjusted to Logger's Depths:
 DST #1 - 3,997 to 4,052-Times:30-60-60-120
 Recovered 200' OCM (35% oil, 60% mud 5% gas)
 IHSP 2084, IFP 76-85, ISIP 1194, FFP 133-143, FSIP 1184, FHSP 2075.
 BH Temp. 116°
 DST #2 - 4,085 to 4,113-Times:30-60-60-120
 Recovered 460' gassy water with traces of oil. IHSP 2134, IFP 85-152, ISIP 1048, FFP 181-238, FSIP 1009, FHSP 2114. BH Temp. 118°
 DST #3 4,264 to 4,294- Times: 30-60-60-120
 Recovered 490' of gassy muddy water with trace of oil; chlorides 53,000 PPM. IHSP 2071, IFP 95-114, ISIP 343, FFP 101-481, FSIP 343, FHSP 2261, BH Temp. 122°

Name	Top	Bottom
Anhydrite	2142	(+596)
Heebner	3969	(-1231)
Toronto	3988	(-1250)
Lansing	4008	(-1270)
Stark Shale	4267	(-1529)
Base Kan. City	4336	(-1598)
Marmaton	4357	(-1619)
Pawnee	4434	(-1696)
Fort Scott	4516	(-1778)
Cherokee Shale	4541	(-1803)
Cherokee Sand	4600	(-1862)
Mississippian	4616	(-1878)
TD	4640	(-1902)

CASING RECORD <input 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	23#	215	Class A	165	2% gel, 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	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input 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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity		

METHOD OF COMPLETION		Production Interval
Disposition of gas: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perforation <input type="checkbox"/> Other (Specify)
<input type="checkbox"/> Dually Completed <input type="checkbox"/> Commingled	