

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 # 6033
Name Murfin Drilling Company
Address 250 North Water Suite 300
City/State/Zip Wichita, Ks. 67202

Purchaser Clear Creek
McPherson, KS

Operator Contact Person Larry M. Jack
Phone 316-267-3241

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Roger Welty
Phone 913-674-5835

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

1-7-86 1-16-86 1/31/86
Spud Date Date Reached TD Completion Date

3895 3864'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 304'
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. 15-051-24,388

County Ellis

SE NW NE Sec. 29 Twp. 12S Rge. 19 East West

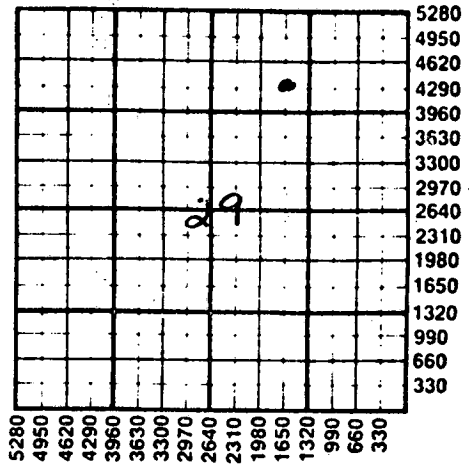
4290 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name CRATHORNE Well # 1-29

Field Name Wildcat Crathorne

Producing Formation Lansing

Elevation: Ground 2163 KB 2168
Section Plat



Prod 5-11-86

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 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 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 By: Larry M. Jack
Larry M. Jack, Eastern
Title...Dix...Prod...Mgr... Date 2/21/86

Subscribed and sworn to before me this 21st day of Feb. 1986
Notary Public: Kerran Redington
Date Commission Expires 2/16/90

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)

KERRAN REDINGTON
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 2-6-90

Sec. 29 Twp. 12 Rge. 19 W

Operator Name Murfin Drilling Company Lease Name Crathorne Well # 1-29

Sec. 29 Twp. 12S Rge. 19 East West County Ellis

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: 3476-3520 (Lans A & B) 30-60-30-60.
 Rec: 2263' SW, IHP: 1930-1903,
 SIP: 1096-1096, FP: 634-921/1031-1052.

DST #2: 3521-3542 (Lans C & D) 30-30-30-60.
 Rec.: 80' OCWM (20% Gas, 18% Oil, 48% Mud, 14% Water)
 IHP: 1913-1902, SIP: 197-1052, FP: 44-44/66-66.

DST #3: 3620-3642 (Lans I) 30-60-45-90.
 Rec: 1020' Total Fluid (420' c/n gassey oil, 180' heavy OCM, 420' S1 OCW)
 IHP: 1913-1902, SIP: 1162-1129,
 FP: 87-273/349-448, BHT: 116°.

DST #4: 3642-3662 (Lans J) 30-30-60-90.
 Rec: 70' MCW, IHP: 1891-1880,
 SIP: 1074-1162, FP: 44-44/66-60, BHT: 116°.

Formation Description		
Name	Top	Bottom
<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample		
LOG TOPS:		
TOPEKA	3199	
HEEBNER	3431	
TORONTO	3452	
LANSING	3474	
BKC	3712	
ARBUCKLE	3839	
RTD	3895	
LTD	3892	

RELEASED
 5-11-1987
 MAY 11 1987

FROM CONFIDENTIAL

CASING RECORD New 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#	304'	60/40 poz	225	2% gel, 3% cc
Prod.	7 7/8"	5 1/2"	15 1/2#	3891'	Class A	150	10% salt, 3/4% CFR-2, 1/2 gal. Latex/sx.

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
8	3630 1/2 - 31 1/2'	250 gal. 15% NE	3630 1/2 - 31 1/2'

TUBING RECORD Size 2 3/8" Set At 3635' Packer at _____ Liner Run Yes No

Date of First Production 2/7/86 Producing Method Flowing Pumping Gas Lift Other (explain) _____

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	20	--	15	--	--

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation Sold Other (Specify) _____ 3630 1/2 - 31 1/2'
 Used on Lease Dually Completed Commingled _____