

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

3

API NO. 15-033-20-721

County... Comanche

.C.. NE.. NE.. Sec. 18.. Twp. 31S.. Rge. 18.. East West

.. 4620.... Ft North from Southeast Corner of Section
.. 660.... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

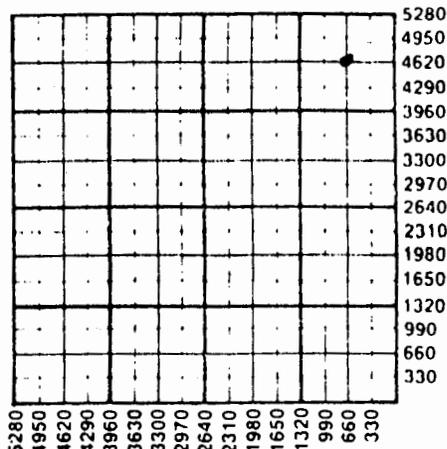
Lease Name.. Miller..... Well #.. 1

Field Name.. Wild Cat

Producing Formation.. Marmaton

Elevation: Ground... 2208..... KB. 2213

Section Plat



Operator: License # 5673
Name W.L. Kirkman
Address P.O. Box 782290
4440 Boston
City/State/Zip Wichita, Ks. 67278-2290

Purchaser Clear Creek

Operator Contact Person Mike Kirkman
Phone 316-672-7471

Contractor: License # 5122
Name Woodman-Tarnitti

Wellsite Geologist Allen G. Siemans
Phone 316-838-5344

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas-SI Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

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

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CONSERVATION DIVISION
Wichita, Kansas

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

2-19-88... 3-4-88... 4-4-88...
Spud Date Date Reached TD Completion Date

5320... 5284...
Total Depth PBD

AUG 13 1988

KANSAS GEOLOGICAL SURVEY

WICHITA BRANCH

Amount of Surface Pipe Set and Cemented at... 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 #

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 #

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) Great Plains Water... (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 Wayne L. Kirkman

Title President Date 8/10/88

Subscribed and sworn to before me this 10 day of August 1988

Notary Public Jane King

Date Commission Expires 10/07/90

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)

JANE KING
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp.

Operator Name W.L. Kirkman Lease Name Miller Well # 1

Sec. 18 Twp. 31S Rge. 18 East West County Comanche

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 4936-81 30-45-30-45
 GTS: in 3"
 10" ga 2,319 MCF
 20" 2,441 "
 30" 2,441 "
 2nd Flo 10" 2,441 "
 20" 2,558 "
 30" 2,558 "

Rec: 195' Gas Cut Mud
 1 HP
 1 FP 581
 1 CIP
 FFP Both Clocks
 FCIP Stopped
 FHP No pres.
 No charts
 Alta. 4957(-2744)

Name	Formation Description	
	Top	Bottom
Heebner	4280	
Toronto	4300	
Brown 1m	4453	
Lansing-K.C.	4469	
Swope	4767	
Base Kansas City	4847	
Altamont	4957	
Pawnee	5008	
Cherokee	5059	
Mississippian	5120	

CASING RECORD <input type="checkbox"/> New <input checked="" 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 3/4	8 5/8	23#	406	Common	250	3% c.c. 2% ge.
Production	7 7/8	5 1/2	155#	5300	Dozmix	200	60-40 Poz. 10% salt 3/4 of 1% CFR ²
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 shots	4970 - 4974			1000 gals. 15% N.E.			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer at					
2 7/8	4980	No					
Date of First Production	Producing Method						
Shut in gas well	<input checked="" type="checkbox"/> Flowing <input 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	
	20 Bbls	7,220 MCF	0 Bbls			CFPB	

METHOD OF COMPLETION Production Interval

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

Lease: Miller #1

E log 5010 (-2797)

DST #2 4995-5040 30-45-60-90
WK blo inc to str blo
Rec 1150' Gas in pipe
75' Gas cuf mud
1 HP 2562
1 FP 89-89
1 CIP 913
FFP 78-78
FCIP 1223
FHP 2450

E log 5120 (-2907)

CHT and Ls in 5140
Sample:

DST #3 5146-86 30-45-60-90
GTS in 7"
in 10" ga 68,800 CF/D
20" 101,000 "
30" 116,000 "
2nd F6 10" 141,000 "
20" 129,000 "
30" 116,000 "
40" 116,000 "
Stabilized
Rec 360' H G & O cut m.

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STATE CORPORATION COMMISSION

AUG 11 1968

CONSERVATION DIVISION
Wichita, Kansas