

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 # 3773
Name Castle-Rock Production, Inc.
Address 8100 E. 22nd N. Bldg. 300
Suite 400
City/State/Zip Wichita, KS 67226

Purchaser NA

Operator Contact Person Scott Oatsdean
Phone 316-687-9414

Contractor: License # 5864
Name Loba Drilling Co.

Wellsite Geologist Scott Oatsdean
Phone 316 687-9414

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
8-26-88 8-31-88 10-31-88
Spud Date Date Reached TD Completion Date
4300'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 260 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 #

1/7 II DYA

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 Scott H. Oatsdean
Title Exploration Geologist Date 11-1-88

Subscribed and sworn to before me this 10th day of Nov
1988
Notary Public Paul F. Masterson

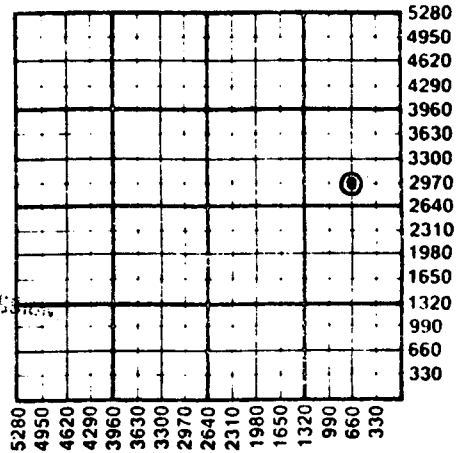
Date Commission Expires.....

PAUL F. MASTERSON
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 9-20-90

API NO. 15-.....165-21,432-0000
County.....Rush
S./2. SE...NE.... Sec.10.. Twp.19..Rge20.... X East X West
2970..... 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 "A".....Well #..1.....
Field Name.....
Producing Formation.....
Elevation: Ground...2169.....KB...2174

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
NOV 10 1988
11-10-88
CONSERVATION DIVISION
Wichita, Kansas

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).....
(purchased from city, R.W.D. #)

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)
11-10-88

Sec. 10 Twp. 19 Rge. 20

Operator Name Castle-Rock Production, Inc. Lease Name Miller "A" Well # 1

Sec. 10 Twp. 19 Rge. 20 East West County Rush **RELEASED**

MAR 07 1990

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.

FROM CONFIDENTIAL

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 4164-4194 DST #2 4166-4199
 30-30-30-30 35 Open/No shut-ins
 Rec: 1' Mud Rec: 230' MSW
 FP: 51-51/51-51 FP: 81-173
 SIP: 51/51 SIP: None
 HP: 2097/2066 117° HP: 2167/2142 118°

Name	Top	Bottom
Anhydrite	1388	+786
B/Anhydrite	1419	+755
Heebner Shale	3679	-1505
Lansing Group	3726	-1552
Kansas City Group	3798	-1624
Stark Shale	3961	-1787
Pleasanton Group	4016	-1842
Marmaton Group	4053	-1879
Labette Shale	4171	-1997
Cherokee Group	4191	-2017
Cherokee Sand	4196	-2022
Osage	4283	-2109

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"	20#	260	60/40 poz	140	2% gal. 3% CC

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set At Packer at Liner Run Yes No

Date of First Production Producing Method
 Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbl's	Gas MCF	Water Bbl's	Gas-Oil Ratio	Gravity

METHOD OF COMPLETION Production Interval

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