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SIDE ONE

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 # ... 3701
Name .. Balcron Oil Company
Address .. P.O. Box 20174
City/State/Zip .. Billings, Montana .. 58104

Purchaser

Operator Contact Person ... Alan Townsend
Phone .. 406-259-7860

Contractor: License # ... 5864
Name ... Lobo Drilling Company

Wellsite Geologist ... J. Copeland Landes
Phone .. (817) 383-4035

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
5-5-89 .. 5-11-89 .. 5/11/89
Spud Date .. Date Reached TD .. Completion Date
3950 ..
Total Depth .. PBTD

Amount of Surface Pipe Set and Cemented at 310 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 # ..
ALT II DYA

API NO. 15-165-21-471-00-00
County .. Rush
60' N & 20' W of
C. NE 11 17 20 East
Sec. Twp. Rge. XX West
4020 .. Ft North from Southeast Corner of Section
1340 .. Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name .. BOC Berthould 1-11 Well # ..

Field Name .. Wildcat

Producing Formation

Elevation: Ground .. 2086 .. 2091 KB ..

Section Plat

Grid showing section plat with elevations: 5280, 4950, 4620, 4290, 3960, 3630, 3300, 2970, 2640, 2310, 1980, 1650, 1320, 990, 660, 330

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NOV 27 1989
11-27-1989
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 .. Approx 1320 Ft North from Southeast Corner
(Stream, pond etc) 3060 Ft West from Southeast Corner
Sec 10 Twp 17 Rge 21 East X West

Other (explain) ..
(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 .. James Alan Townsend
Title .. Operations Superintendent Date .. 11-20-89

Subscribed and sworn to before me this 20th day of November 1989
Notary Public .. Roberta L. Schuman
Date Commission Expires .. January 25, 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)

SIDE TWO

Operator Name Balcron Oil Company Lease Name BOC Berthould Well # 1-11

Sec. 11 Twp. 17 Rge. 20 East West County Rush

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

DST #1 3,845'-3,886'
 Times: 30/60/30/60
 IHH 1934 FFP 68-75
 IFP 37-45 FSIP 1090
 ISIP 1136 FHH 1911
 Recovery: 90' mud (95% mud/5% gas)
 BHT 117°

Name	Top	Bottom
Anhydrite	1,313'	(781')
Topeka	3,136'	(-1,042')
Heebner	3,437'	(-1,343')
Toronto	3,457'	(-1,363')
Lansing Kansas City	3,479'	(-1,385')
Base Kansas City	3,747'	(-1,653')
Marmaton	3,810'	(-1,716')
Arbuckle	3,877'	(-1,783')
R T D	3,950'	(-1,856')

DST #2 3,886'-3,891'
 Times: 60/120/15/30
 IHH 1964 FFP 53-53
 IFP 30-37 FSIP 1121
 ISIP 1166 FHH 1919
 Recovery: 60' muddy water (31% mud/69% wtr.)
 BHT 118°

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"	8-5/8"	20#	310	60/40ppz	170	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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

15-165-21471 00-00

DRILLER'S WELL LOG

DATE COMMENCED: May 5, 1989
DATE COMPLETED: May 11, 1989

Balcron Oil Company
BOC BERTHOULD #1-11
60'N & 20'W of C NE
Sec. 11, T17S, R20W
Rush County, Ks.

0 - 309' Surface Soil, Clay, Shale
309 - 891' Lime & Shale
891 - 985' Sand
985 - 1490' Shale
1490 - 3734' Lime & Shale
3734 - 3886' Lime
3886 - 3891' Dolomite
3891 - 3950' Lime
3950' RTD

ELEVATION: 2091' K.B.

Surface Pipe: Set new
8-5/8", 20# pipe @310'
w/170 sacks 60/40pozmix
2% gel 3% cc.

RECEIVED
STATE CORPORATION COMMISSION

MAY 27 1989

CONSERVATION DIVISION
Wichita, Kansas

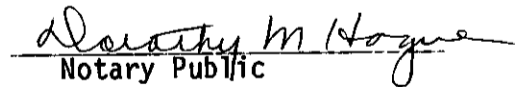
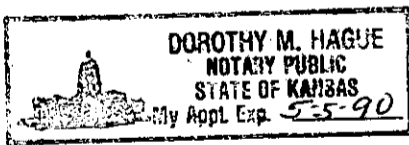
A F F I D A V I T

STATE OF KANSAS
COUNTY OF BARTON) ss

Ervin Neighbors of lawful age, does swear and state that the facts and
statemente herein are true and correct to the best of his knowledge.



Subscribed and sworn to before me this 16 day of May 1989.


Notary Public