

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 # 5929
Name Duke Drilling Co., Inc.

Wellsite Geologist Cope 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
12-10-88 12-18-88 12-18-88
Spud Date Date Reached TD Completion Date

3452'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 222 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 #

API NO. 15-163-23-028-00-00
County Rooks
C SW NE Sec 9 Twp 8 Rge 17 East West
3300
1980
Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

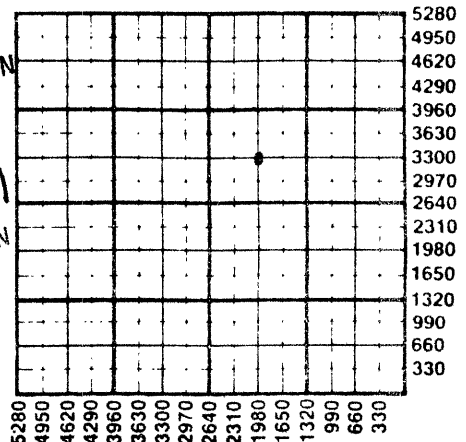
Lease Name Pittman Well # 1-9

Field Name Wildcat

Producing Formation

Elevation: Ground 1926 KB 1933

Section Plat



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JAN 23 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

X Surface Water 3300 Ft North from Southeast Corner
(Stream, pond etc) 1980 Ft West from Southeast Corner
Sec 16 Twp 7 Rge 17 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 1/18/89

Subscribed and sworn to before me this 18th day of January 1989
Notary Public Roberta L. Schuman
Date Commission Expires January 25, 1991

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)
1-23-89
Form ACO-1 (5-86)

Sec. 9, Twp. 8, Rge. 17 W

Operator Name Balcron Oil Company Lease Name Pittman Well # 1-9

Sec 9 Twp 8 Rge 17 East West County Rooks MAR 07 1990

FROM CONFIDENTIAL

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 3,118'-3,162'
Times: 30/60/45/60
IFP 147-147
ISIP 1016
FFP 147-147
FSIP 966
Recovery
140' mud with trace of oil

Name	Top	Bottom
Anhydrite	1322'	(611')
Topeka	2849'	(- 916')
Heebner	3062'	(-1129')
Toronto	3085'	(-1152')
Lansing-Kansas City	3103'	(-1170')
Base Kansas City	3334'	(-1401')
Arbuckle	3400'	(-1467')
R T D	3452'	(-1519')

DST #2 3,390'-3,406'
Times: 30/60/60/120
IFP 42-42
ISIP 625
FFP 53-53
FSIP 436
IHH 1713
FHH 1702
115°
Recovery
20' free oil
55' oil cut mud
(25% oil/75% mud)

See attached sheets for remainder of DST information.

<p align="center">CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used</p> <p align="center">Report all strings set-conductor, surface, intermediate, production, etc.</p>							
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#	222'	60/40paz	140	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
 Commingled

Attachment to ACO-1

RELEASED

Pittman #1-9
C SW NE Section 9, T8S, R17W
Rooks County, Kansas

MAR 07 1990
MAR 7th, 1990
FROM CONFIDENTIAL

This attachment to the Pittman #1-9 ACO-1 includes the remainder of the DST information.

DST #3 3,389'-3,412'

Times: 30/60/60/120

IFP 31-31 Recovery
ISIP 520
FFP 42-42 11' free oil
FSIP 351 50' oil cut mud (10% oil)
IHH 1671
FHH 1661
115⁰

DST #4 3,388'-3,419'

Times: 20/30/20/30

IFP 42-42 Recovery
ISIP 1054
FFP 63-63 120' oil cut mud
FSIP 1033 5% oil & 95% mud with chlorides at 12,000
IHH 1671
FHH 1640
118⁰

DST #5 3,194'-3,243'

Times: 30/60/30/60

IFP 31-42 Recovery
ISIP 328
FFP 73-73 164' mud with oil spots, no water
FSIP 328
FHH 1504
IHH 1550
FHH 1504
112⁰

DST #6 3,247'-3,332'

Times: 60/60/30/60

IFP 73-73 Recovery
ISIP 798
FFP 84-84 55' mud with few spots of oil
FSIP 746
IHH 1640
FHH 1629
114⁰

1/18/89/rs

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JAN 23 1989
JAN 23, 1989
REGISTRATION DIVISION
Wichita, Kansas



Wendy M. Abigail
Notary Public

RELEASED
MAR 7 1990
MAR 0 7 1990

DRILLER'S WELL LOG

FROM CONFIDENTIAL

DATE COMMENCED: December 10, 1988
DATE COMPLETED: December 18, 1988

Balcron Oil Company
PITTMAN #1-9
C SW NE
Sec. 9, T8S, R17W
Rooks County, Ks.

- 0 - 230' Surface soil, Clay, Post Rock
Sand, Shale
- 230 - 1051' Sand & Shale
- 1051 - 1322' Shale & Shells
- 1322 - 1354' Anhydrite
- 1354 - 1945' Shale & Lime
- 1945 - 2540' Lime & Shale
- 2540 - 3162' Shale & Lime
- 3162 - 3325' Lime
- 3325 - 3412' Shale & Lime
- 3412 - 3452' Dolomite
- 3452' RTD

ELEVATION: 1933 K.B.

Surface Pipe: Set used
8-5/8", 24# pipe @222'
w/140 sacks 60/40 pozmix
2% gel 3% cc.

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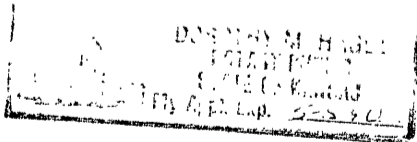
A F F I D A V I T

STATE OF KANSAS
COUNTY OF BARTON) ss

Glenda Musgrove of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

Glenda Musgrove

Subscribed and sworn to before me this 21 day of December 1988.



Douglas M. Higginbotham
Notary Public