

ORIGINAL

SIDE ONE

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

Operator: License # 5393
Name: A. L. Abercrombie, Inc.
Address 150 N. Main, Suite 801

City/State/Zip Wichita, KS 67202
Purchaser:
Operator Contact Person: Jerry A. Langrehr
Phone (316) 262-1841

Contractor: Name: Abercrombie Drilling, Inc.
License: 5422 STATE CORPORATION COMMISSION
Wellsite Geologist: Steve Frankamp

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: N/A

Well Name:

Comp. Date Old Total Depth

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

3-6-91

3-14-91

Spud Date

Date Reached TD

Completion Date

API NO. 15- 165-21,555-0000

County Rush

Approx.

C NW NE SW Sec. 11 Twp. 18S Rge. 18 ☒ East ☒ West

2190' ☒ Ft. North from Southeast Corner of Section

3750' ☒ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

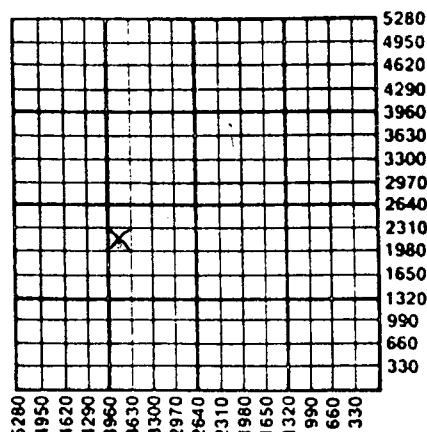
Lease Name Herrman Well # 1

Field Name Wildcat

Producing Formation Arbuckle

Elevation: Ground 2080' KB 2085'

Total Depth 3879' PBTD



Amount of Surface Pipe Set and Cemented at 1251.20' Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Jack K. Wharton

Title Vice President Date 4-10-91

Subscribed and sworn to before me this 10th day of April, 19 91.

Notary Public Angela Woodard

Date Commission Expires 8-20-93



ANGELA WOODARD
State of Kansas
My Appt. Exp. Mar. 20, 1993

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)

Form ACO-1 (7-89)

SIDE TWO

Operator Name A. L. Abercrombie, Inc. Lease Name Herrman Well # 1
 Sec. 11 Twp. 18S Rge. 18 ☐ East ☒ West
 County Rush

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
 (Attach Additional Sheets.)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No
 (Submit Copy.)

DST #1 (3490'-3510') B Zone Lansing
 30-45-60-45

Rec. 270' Slight oil spotted water (85% wtr)

IFPs 41-58 ISIP 1163

FFPs 91-148 FSIP 1154

(DST's 2,3,4,5, & 6 on attached sheet)

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Anhydrite	1234'	(+851')
Base Anhydrite	1267'	(+818')
Heebner	3425'	(-1340')
Toronto	3444'	(-1359')
Lansing	3479'	(-1394')
BKC	3745'	(-1660')
Arbuckle	3866'	(-1781')
LTD	3875'	

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"	28	1251.20'	60-40 pozmix	400	2% gel 3% cc

PERFORATION RECORD

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

Bbls.

Gas

Mcf

Water

Bbls.

Gas-Oil Ratio

Gravity

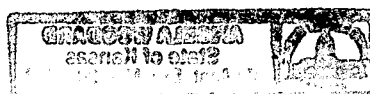
Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled
☐ Other (Specify) _____



ORIGINAL

DST #2 (3820'-3868')
10" blow on 1st open.

DST #3 (3866'-3871') Packer failure

DST #4 (3822'-3871') Arbuckle
45-60-60-60

Rec. 225' cl. gassy oil (gravity 40°) 125' oil cut mud.

IFPs 65-97 ISIP 989'

FFPs 130-162 FSIP 886

DST #5 (3821'-3874')
30-60-60-60

Rec. 95' gip

140' cl. gassy oil, 60' HOCM (25% oil), 80' OCM (10% oil), 60' OCM (5% oil)

IFPs 76-97 ISIP 999

FFPs 119-173 FSIP 845

DST #6 (3870'-3879')
30-60-60-60

Rec. 130' MSW

IFPs 8-17 ISIP 1129

FFPs 43-58 FSIP 1079

RECEIVED
STATE COMMISSION

4-16-91
APR 16 1991

CONSERVATION DIVISION
Wichita, Kansas