

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: Koch Oil Co.

Operator Contact Person: Jerry A. Langrehr

Phone (316) 262-1841

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

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 OWO: old well info as follows:
Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

5-9-91 5-15-91 6-28-91

Spud Date _____ Date Reached TD _____ Completion Date _____

API NO. 15- 165-21,550-0000

County Rush

N/2 SW NW Sec. 32 Twp. 18S Rge. 17 East West

3630' Ft. North from Southeast Corner of Section

4620' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

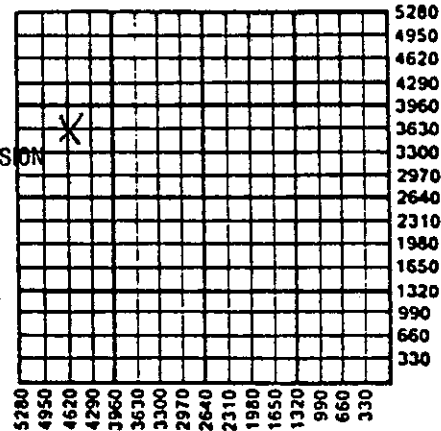
Lease Name Norman Well # #1

Field Name Wildcat

Producing Formation Arbuckle

Elevation: Ground 2039' KB 2044'

Total Depth 3795' PSTD _____



RECEIVED
SEP 05 1991

Amount of Surface Pipe Set and Cemented at 1163.16' 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 S. Wharton

Title Vice Pres. Date 9-4-91

Subscribed and sworn to before me this 4th day of September, 19 91.

Notary Public Angela Woodard

Date Commission Expires March 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)

SIDE TWO

Operator Name A. L. Abercrombie, Inc.

Lease Name Norman

Well # #1

East

County Rush

Sec. 32 Twp. 18S Rge. 17

West

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 3746'-3795' (Arbuckle)
30-45-60-45

Rec. 120' gas in pipe
510' clean gassy oil, 120' muddy oil, (50% oil)
IFPS 54-118 ISIP 1142
FFPS 140-259 FSIP 1090

Formation Description

Log Sample

Name	Top	Bottom
Anhydrite	1153'	(+891')
Base Anhydrite	1186'	(+858')
Heebner	3377'	(-1333')
Toronto	3393'	(-1349')
Lansing	3430'	(-1386')
EKC	3691'	(-1647')
Arbuckle	3792'	(-1748')
LHD	3794'	(-1750')

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#	1163.16	60-40 posmix	400	2% gel-3% cc
Production		5 1/2"	14#	3794'	50-50 posmix	65	2% gel 7# gilsinite
					Common	100	18% salt

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

	Open hole 3794'-3496'	500 gal. 28% INS	3796'

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 State	Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
Test 8-15-91		6.68		82.68		

Disposition of Gas:

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

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

Production Interval

* OH 3794'-3796'

