COPY

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 RTD, Inc.

License: 30684

Wellsite Geologist: Mark Galyon

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

____ Oil ____ SWD ____ Temp. Abd.
____ Gas ____ Inj ____ Delayed Comp.
X Dry ____ Other (Core, Water Supply, etc.)

If OWWO: old well info as follows:
Operator: N/A

Well Name:

Comp. Date ____ Old Total Depth ____

Drilling Method:
X Mud Rotary ____ Air Rotary ____ Cable

6-25-91 7-1-91 ____
Spud Date Date Reached TD Completion Date

API NO. 15- 179-21,008

County Sheridan

C SW SE Sec. 7 Twp. 9S Rge. 26 ____ East X West

660' Ft. North from Southeast Corner of Section

1980' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

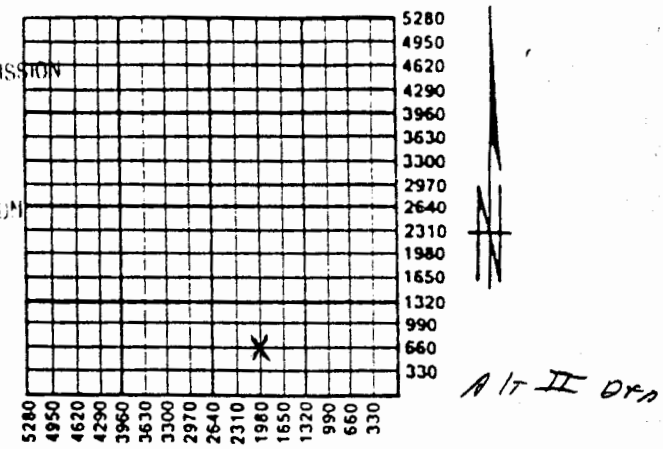
Lease Name Heier Well # 1

Field Name unknown

Producing Formation LKC

Elevation: Ground 2684' KB 2689'

Total Depth 4040' PBTD ____



RECEIVED
STATE CORPORATION COMMISSION
JUL 23 1991
CONSERVATION DIVISION
Wichita, Kansas

Alt II DFD

Amount of Surface Pipe Set and Cemented at 283.81 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

Title ____ Date

Subscribed and sworn to before me this 18th day of July, 19 91.

Notary Public

Date Commission Expires

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)

COPY

SIDE TWO

ator Name A. L. Abercrombie, Inc. Lease Name Heier Well # 1

☐ East
Sec. 7 Twp. 9S Rge. 26 ☒ West

County Sheridan

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 (Attach Additional Sheets.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☐ Yes ☐ No

Cores Taken ☐ Yes ☐ No

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

DST #1 3945'-3975' (H Zone)
30-45-60-45
Rec. 190' muddy water w/SSO
IFPs 64-64 ISIP 924
FFPs 96-106 FSIP 881

DST #2 4000'-4040' (J & K Zones)
30-45-30-45
Rec. 5' mud
IFPs 64-64 ISIP 128
FFPs 64-64 FSIP 75

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Anhydrite	2288'	(+401')
Heebner	3802'	(-1113')
Toronto	3822'	(-1133')
Lansing	3842'	(-1153')
LTD 4040'		
DTD 4040'		

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	12¼"	8 5/8"	23#	283.81	60-40 posmix	175	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

position of Gas: METHOD OF COMPLETION Production Interval

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

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled

☐ Other (Specify) _____