

ORIGINAL

SIDE ONE

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

API NO. 15- 101-21,580-00-00  
County Lane Co., KS

N/2 NE NE Sec. 26 Twp. 19S Rge. 28 X East West

4950'  Ft. North from Southeast Corner of Section

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

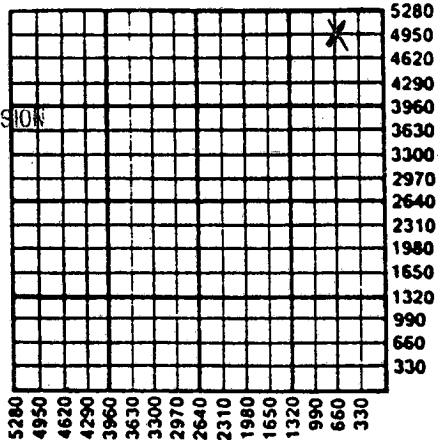
Lease Name Ware  Well # 5

Field Name Wildcat

Producing Formation Lansing/Kansas City

Elevation: Ground 2752' KB 2757'

Total Depth 4510' PBTD \_\_\_\_\_



*Alt DKO*

Amount of Surface Pipe Set and Cemented at 260.29' 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.

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

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

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05-29-1991  
CONSERVATION DIVISION  
Wichita, Kansas

If OWMO: old well info as follows:

Operator: N/A

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

4-11-91 4-19-91

Spud Date Date Reached TD Completion Date

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 R. Wharton

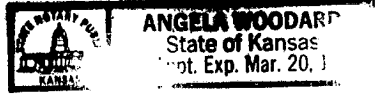
Title \_\_\_\_\_ Date \_\_\_\_\_

Subscribed and sworn to before me this 28th day of May, 19 91.

Notary Public Angela Woodard

Date Commission Expires 3-20-93

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)



*P1*

**SIDE TWO**

Operator Name A. L. Abercrombie, Inc. Lease Name Ware Well # #5  
 Sec. 26 Twp. 19S Rge. 28  East County Lane  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.)

Formation Description		
Name	Top	Bottom
Anhydrite	2081' (+676')	Marmaton 4401' (-1644')
Base Anhydrite	2111' (+646')	Pawnee 4500' (-1743')
Topeka	3707' (-950')	Log TD 4513' (-1756')
Heebner	3974' (-1217')	RTD 4510' (-1753')
Toronto	3991' (-1234')	
Lansing	4014' (-1257')	
Muncie Creek	4191' (-1434')	
Stark Shale	4285' (-1528')	
Hushpuckney	4324' (-1567')	
BKC	4370' (-1603')	

DST #1 (4280'-4296') Kansas City K Zone  
 30-45-60-45  
 Strong blow throughout  
 67' muddy water w/oil specks  
 1823' water (38,000 chlorides)  
 IFPs 202-436 ISIP 775  
 FFPS 627-765 FSIP 850  
 DST #2 & #3 on attached sheet

**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#	260.29	60-40posmix	180	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** Size Set At Packer At Liner Run  Yes  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	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

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 \_\_\_\_\_



15-101-21580-00-00 ORIGINAL

WARE #5

N/2 NE NE

Sec. 26-19S-28W

Lane Co., KS

DST #2 (4321'-4323') Lansing L Zone

Rec. 72' mud

IFPs 53-53 ISIP 775

FFPs 53-53 FSIP 712

DST #3 (4255'-4280') Straddle Packers

30-45-30-45

Strong blow throughout

Rec. 954' fluid

2' clean oil, 892' water

IFPs 74-138 ISIP 744

FFPs 234-245 FSIP 712 Temp 118°

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Wichita, Kansas

15-101-21580-00-00

A. L. ABERCROMBIE, Inc.

PIPE TALLY

DATE 4-11 1991

No. Pcs.	LENGTH		LENGTH		LENGTH		LENGTH		LENGTH		
	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	
1	37	63									
2	38	43									
3	30	87									
4	35	07									
5	38	10									
6	34	38									
7	37	81									
8	252	29	Tally								
9	8	—	handling str								
10	260	29	Set								
11	5	—	EXTRA HOLE								
12	265	29	RTD								
13											
14											
15											
16											
17											
18											
19											
20											
Total											

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Col. No.	Stock of	Weight	Size	Grade	Coupling	Thd
1	Abercrombie Yard Stock	28 <sup>1/2</sup>	8 5/8	used		8 RE
2	From					
3						
4						
5	Sent To	Wase	#5			
Total						

Remarks \_\_\_\_\_  
No. Joints \_\_\_\_\_ Car No. \_\_\_\_\_ B/L No. \_\_\_\_\_  
Tallied By Anthony Mart

REPORT OF RUNNING AND CEMENTING CASING

ORIGINAL

A. L. ABERCROMBIE, INC.

ABERCROMBIE DRILLING, INC.

Date 4-11-91

Lease Name Ware Well No. #5  
 Lease Owner/Operator AL Abercrombie Inc.  
 Drilling Contractor Abercrombie R.T.D. Inc. Rig No. II 8  
 Location N1/2 NE NE Sec. 36 Twp 19s Rge 28W County Lane  
 Casing Received From: (Supply) Abercrombie Yard Stock Inv. No. \_\_\_\_\_  
 Casing Charged To: (Company) AL Abercrombie Inc  
 Casing Trucked By: Our Trucks  
 Amount Of Casing Received 7 Jts. 254.09 (threads on) Ft.  
 Amount Of Casing Left Over \_\_\_\_\_ Jts. \_\_\_\_\_ Ft.  
 Disposition Of Casing Left Over \_\_\_\_\_

Rotary Bushing T.D. 265 Ft. Size Of Hole 12 1/4 In.  
 Casing Set At: (R.B. To Bottom Of Shoe) \_\_\_\_\_ Jts. 260.29 (threads on) Ft.  
 Size 8 5/8 Weight 28<sup>22</sup> Thread 8 RD  
 Range 3 Grade used Make L  
 Shoe (Type—Make) Texas Slice Float Collar (Type—Make) \_\_\_\_\_

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Scratchers (Set At) \_\_\_\_\_  
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Cemented With 180 Sacks Of 60/40 for 2 1/2 bbl 3% CC Cement  
 Cemented By Allied Plug To: 240.29 Ft.  
 Plugs (Number—Type) 1X 8 5/8 Rubber Plug  
 Longstring—R.B. To Top Of Braden Head 7' Ft.  
 Surface String—R.B. To Top Of Collar 8' Ft.

Remarks: Spudded @ 3:00 pm 4-11-91 Ran 7 jts. used 8 5/8 X 28<sup>22</sup> casing  
Tally 252.29 5.00 = 260.29 7 180 sk 60/40 for 2 1/2 bbl 3% CC  
CC Bu Allied RTD 265' Survey (3/4") WOC 8 hrs.  
Plug Down @ 9:00 PM 4-11-91 Drill Plug @ 5:00 PM 4-12-91  
Cement Did Circ

NOTE: All measurements to be made in feet and hundredths.  
 All casing to be ran in numerical order of tally.  
 Attach tally to back of casing report.

Anthony J. [Signature]  
 Company Representative