

ORIGINAL

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

API NO. 15- 093-21,195-0000

County Kearny

E/2 - NW - NW - Sec. 3 Twp. 21S Rge. 35 X ^E

Operator: License # 5393

660' Feet from S (W) (circle one) Line of Section

Name: A. L. Abercrombie, Inc.

990' Feet from E (W) (circle one) Line of Section

Address 150 N. Main, Suite 801

Footages Calculated from nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

City/State/Zip Wichita, KS 67202

Lease Name Crist Well # #3

Purchaser: _____

Field Name White Woman East

Operator Contact Person: Jack L. Partridge

Producing Formation Marmaton

Phone (316) 262-1841

Elevation: Ground 3159' KB 3164'

Contractor: Name: Abercrombie RTD, Inc.

Total Depth 4980' PBD 4534'

License: 30684

Amount of Surface Pipe Set and Cemented at 273.37 Feet

Wellsite Geologist: Steve Frankamp

Multiple Stages Cementing Collar Used? X Yes _____ No

Designate Type of Completion
 New Well _____ Re-Entry _____ Workover _____

If yes, show depth set 1348' Feet

Oil _____ SWD _____ SIDW _____ Temp. Abd.
 Gas _____ ENHR _____ SIGW _____
 Dry _____ Other (Core, MSW, Expl., Cathodic, etc) _____

If Alternate II completion, cement circulated from 1348'

feet depth to surface w/ 340 ex cmt.

If Workover/Re-Entry: old well info as follows:

Drilling Fluid Management Plan 6-9-92
(Data must be collected from the Reserve Pit)

Operator: N/A

Chloride content 17,000 ppm Fluid volume 1527 bbls

Well Name: _____

Downwatering method used evaporation

Comp. Date _____ Old Total Depth _____

Location of fluid disposal: if hauled offsite:

Deepening _____ Re-perf. _____ Conv. to Inj/SWD
Plug Back _____ PBD
Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Inj?) _____ Docket No. _____

Operator Name Wichita, Kansas License No. _____

Lease Name Wichita, Kansas License No. _____

2-10-92 2-21-92 3-18-92
Spud Date Date Reached TD Completion Date

Quarter _____ Twp. _____ S Rge. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 L. Partridge

Title Vice Pres. Date 4-9-92

Subscribed and sworn to before me this 9th day of April 19 92.

Notary Public Angela Woodard

Date Commission Expires March 20, 1993

K.C.C. OFFICE USE ONLY	
F	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/> Wireline Log Received
C	Geologist Report Received
Distribution	
<input checked="" type="checkbox"/> KCC	_____ SWD/Rep _____ NGPA
_____ KCS	_____ Plug _____ Other _____
(Specify)	

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

SIDE TWO

Operator Name A. L. Abercrombie, Inc. Lease Name Crist Well # 3

Sec. 3 Twp. 21S Rge. 35 East West
County Kearny

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.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No	Anhydrite	2234'	(+930')
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base Anhydrite	2247'	(+917')
List All E.Logs Run:		Heebner	3942'	(-778')
		Lansing	3992'	(-828')
		Muncie Creek	4185'	(-1021')
		Stark Shale	4307'	(-1143')
		BKC	4451'	(-1287')
		Marmaton	4484'	(-1320')
		Beymer Zone	4569'	(-1405')
		Johnson Zone	4000'	(-1436')
		Cherokee Shale	4612'	(-1448')

DST's 1,2,3,4, & 5 on attached sheet.

CASING RECORD New Used (cont. on attached sheet)
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#	273.37	60-40 posmix	170	3% cc 2% gel
Production		4 1/2"	10 1/2#	4699.68	50-50 posmix	75	2% gel 7# gilsinite
		D.V. Tool		1348'	B.J. Lite	340'	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4491'-4494', 4503'-4505'	6000 gal 15% Non E	4534'
4	4514'-4516'		

TUBING RECORD	Size <u>2 3/8</u>	Set At <u>4530</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. _____ Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Test	Oil <u>66.40</u>	Gas <u>1.00</u>	Water	Bbls.	Gas-Dil Ratio	Gravity
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Disposition of Gas: _____ METHOD OF COMPLETION (4491'-4516') Production Interval

ORIGINAL

CRIST #3

E/2 NW NW

Sec. 3-21S-35W

Kearny Co., KS

ELECTRIC LOG TOPS (cont.)

DST #1 4451'-4514' (Marmaton)

30-45-60-45

Rec. 620' gas in pipe

445' clean gassy oil

195' gassy OCM (10% oil)

IFPs 62-104 ISIP 1030

FFPs 187-249 FSIP 1010

Morrow Shale	4812'	(-1648')
Morrow Sand	4888'	(-1724')
St. Gene	4897'	(-1733')
LTD	4979'	

DST #2 4513'-4560' (Marmaton 'B' Zone)

30-45-60-45

Rec. 1475' gas in pipe

600' clean gassy oil

70' gassy oil cut mud

IFPs 52-83 ISIP 889'

FFPs 145-197 FSIP 859'

DST #3 4567'-4586' (Beymer Zone)

30-30-30-30

Rec. 20' mud

IFPs 31-31 ISIP 849

FFPs 3-31 FSIP 649

DST #4 4597'-4647'

30-45-60-45

Rec. 50' oil cut mud 10% oil

IFPs 62-62 ISIP 176

FFPs 72-72 FSIP 187

DST #5 4403'-4442' (Straddle Packers)

30-45-60-45

Rec. 60' oil spotted mud

180' muddy water

IFPs 41-62 ISIP 1120

FFPs 93-114 FSIP 1080

RECEIVED
STATE CORPORATION COMMISSION
APR 17 1999
CONSERVATION DIVISION
Wichita, Kansas

FEB 12 1992

ORIGINAL

REPORT OF RUNNING AND CEMENTING CASING

A. L. ABERCROMBIE, INC.

ABERCROMBIE DRILLING, INC.

Date 2-10-92

Lease Name Crist Well No. # 3
 Lease Owner/Operator A.L. Abercrombie Inc.
 Drilling Contractor Abercrombie R.T.D. Inc. Rig No. 8
 Location E/2 - NW - NW Sec. 3 Twp 21s Rge 35w County Kearny
 Casing Received From: (Supply) Yard Stock Inv. No. _____
 Casing Charged To: (Company) A.L. Abercrombie Inc
 Casing Trucked By: Our Trucks
 Amount Of Casing Received 7 Jts. 263.63 (Thread on) Ft.
 Amount Of Casing Left Over _____ Jts. _____ Ft.
 Disposition Of Casing Left Over _____

Rotary Bushing T.D. 278 Ft. Size Of Hole 12 1/4 In.
 Casing Set At: (R.B. To Bottom Of Shoe) 7 Jts. 273.37 (Thread's off) Ft.
 Size 8 5/8 Weight 28 Thread 8 60
 Range 3 Grade used Make L
 Shoe (Type—Make) Texas Slice **RECEIVED** Collar (Type—Make) _____
 Stage Collar (Make—Set At) - KANSAS CORPORATION COMMISSION
 Centralizers (Set At) _____
 APR 13 1992

Scratchers (Set At) _____ CONSERVATION DIVISION
 WICHITA, KS

Cemented With 170 Sacks Of 60/40 10z 2% gel 3% cc Cement
 Cemented By Allied Plug To: 253.37 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 3:30 PM 2-10-92 - Ran 7 jts used 8 5/8 x 28" casing
Tally 265.37 Set 273.37 170s x 60/40 10z 2% gel 3% cc
By Allied Dig Circ. RTD 278 Survey's (3/4) WOC 8 hrs.
Plug Down 9:15 PM 2-10-91 Drill Plug 5:15 AM 2-11-91
 Water: June Pickett R1 Modoc, Ks 67866 #1000

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 Ward
 Company Representative

ORIGINAL

A. L. ABLE-CROMBIE, Inc.

PIPE TALLY

DATE 2-10 1992

No. Pcs.	LENGTH		LENGTH		LENGTH		LENGTH		LENGTH	
	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.
1	37	37								
2	37	55								
3	37	37								
4	36	65								
5	37	37								
6	37	60								
7	37	57								
8	265	37	Tally							
9	5	37	RTD							
10	275	37	RTD							
11	5	37	RTD							
12	278	37	RTD							
13										
14										
15										
16										
17										
18										
19										
20										
Total										

TRAIL TAIL TALLY
263.62

RECEIVED
KANSAS CORPORATION COMMISSION
APR 13 1992
CONSERVATION DIVISION
WICHITA, KS

Col. No.	Stock of
1	Weight 22# Size 2 1/2"
2	Grade 100 Coupling Thd 3/4"
3	From Yard Stock
4	
5	Sent To C-107-3
Total	Remarks

No. Joints _____ Car No. _____ B/L No. _____
Tallied By 1/3 T

RECEIVED

ORIGINAL

KANSAS CORPORATION COMMISSION

REPORT OF RUNNING AND CEMENTING CASING

FEB 24 1992

A. L. ABERCROMBIE, APR 13 1992 ABERCROMBIE DRILLING, INC.

CONSERVATION DIVISION WICHITA, KS Well No. #3

Date 2-21-92

Lease Name CRIST
Lease Owner/Operator AL Abercrombie Inc.
Drilling Contractor Abercrombie R.T.O. Inc. Rig No. 8
Location E/2-NW-NW Sec. 3 Twp 21S Rge 35W County Ness Co
Casing Received From: (Supply) Surprise Supply Inv. No.
Casing Charged To: (Company) A.L. Abercrombie Inc.
Casing Trucked By: Own Trucks
Amount Of Casing Received 137 Jts. 4777.70 (4777.70 - FF) Ft.
Amount Of Casing Left Over 7 Jts. 286.22 (286.22 - FF) Ft.
Disposition Of Casing Left Over

Rotary Bushing T.D. 4780 Ft. Size Of Hole 7 7/8 In.
Casing Set At: (R.B. To Bottom Of Shoe) 130 Jts. 4697.68 (4697.68 - FF) Ft.
Size 4 1/2 Weight 10.5 lb. Thread OK
Range 2 + 3 Grade Used Make

Shoe (Type—Make) Becker Center Float Collar (Type—Make) Baker AT Fill
Stage Collar (Make—Set At) D.V. Tool # 91-1348
Centralizers (Set At) 1 41700, # 2 44500, # 3 1770, # 4 849, # 5 120, # 6 385
Scratchers (Set At) 10 44700, # 2, 3, 4, 5, 6, 7, 8, From (4595-4674) + From (4440 to 4580)

Cemented With Sacks Of CK Below Cement
Cemented By B.S. Sawles Plug To: 4674.00 Ft.
Plugs (Number—Type) 2 X 4 1/2 Rubber
Longstring—R.B. To Top Of Braden Head 7 Ft.
Surface String—R.B. To Top Of Collar 8 Ft.

Remarks: Ran 130 jts (was) 4 1/2 X 10 1/2 in. casing Tally 4703.68 SET
4697.68 Bottom Stamp = 500000 11/11 Sweep 75.00 5/16 in. 2 1/2 in.
3/4 of 1/2 CFR 2-7 1/2 in. G. L. Seal T. L. Set + 250000 Cement D-29 Plug Down 2:45 PM
Top Stage: 340 sv G.S. Light weight Top Plug Down 4:15 PM 2-21-92

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.

A-Whitton & Bill Sawles Company Representative

D.V. Tool # 1348