

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

API NO. 15- 093-21,194
County Kearny
150' E of _____ E
SE - NW - _____ Sec. 3 Twp. 21S Rge. 35 X V

Operator: License # 5393

1980' Feet from S (circle one) Line of Section

Name: A. L. Abercrombie, Inc.

2130' Feet from E (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 # 2

Purchaser: _____

Field Name White Woman East

Operator Contact Person: Jack L. Partridge

Producing Formation Marmaton

Phone (316) 262-1841

Elevation: Ground 3155' KB 3160'

Contractor: Name: Abercrombie RTD, Inc.

Total Depth 5000' PBDT 4630'

License: 30684

Amount of Surface Pipe Set and Cemented at 270.58' Feet

Wellsite Geologist: Casey Galloway

Multiple Stage Cementing Collar Used? X Yes _____ No

Designate Type of Completion
 New Well Re-Entry Workover

If yes, show depth set 1350' Feet

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

If Alternate II completion, cement circulated from 1350'

feet depth to surface w/ 350' ex cmt.

If Workover/Re-Entry: old well info as

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

Operator: _____

Chloride content 17,000 ppm Fluid volume 1527 bbls

Well Name: _____

Dewatering method used evaporation

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

Deepening _____ Re-perf. _____ Conv. _____
Plug Back _____ PBDT _____
Completed _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Inj) _____ Docket No. _____

Operator Name _____

Lease Name _____ License No. _____

1-27-92 2-8-92 3-8-92
Spud Date Date Reached TD Completion Date

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ 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 K. Whorter

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

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

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

SIDE TWO

Operator Name A. L. Abercrombie, Inc. Lease Name Crist Well # 2

Sec. Twp. Rge. East West
County

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	2241'	(+919')
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base Anhydrite	2255'	(+905')
		Heebner	3948'	(-788')
		Toronto	3974'	(-814')
		Lansing	4000'	(-840')
		Muncie Creek	4196'	(-1036')
		Stark Shale	4317'	(-1157')
		BKC	4459'	(-1299')
		Marmaton	4489'	(-1329')
		Beymer Zone	4576'	(-1416')
		Johnson Zone	4605'	(-1445')

List All E. Logs Run: DST #1, 2, 3, 4, 5, & 6 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 1/2"	8 5/8"	28#	270.58'	60-40 posmix	170	2% gel 3% cc
Production		4 1/2"	10 1/2#	4698.78'	50-50 posmix	75	2% gel 7# gilsinite
		D.V. Tool		1350'	Common	350 250	D-29

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	4583'-4585', 4586'-4590'	3000 gal 15% INS	4630'
4	4500'-4502', 4512'-4574', 4521'-4523'	5000 gal., 15% INS & Non E	4570'

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

Estimated Production Per 24 Hours	Oil Bbls.	63.71	Gas MCF	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: **CRACOW ALBAMA** **5001 METHOD FOR PERFORATION** 4500'-4590' Production Interval

ORIGINAL

CRIST #2

150' E of SE NW

Sec. 3-21S-35W

Kearny Co., KS

DST #1 4398'-4430' (Lansing-KC 'L' Zone)

30-30-30-30

Rec. 70' mud

IFPs 22-33

ISIP 1073

FFPs 56-56

FSIP 1051

DST #2 4447'-4504' (Top Marmaton Zone)

30-45-60-45

Rec. 186' gas in pipe

50' gas and mud cut oil

IFPs 24-36

ISIP 133

FFPs 36-36

FSIP 276

DST #3 4504'-4562' (2nd Marmaton Zone)

30-45-60-45

Medium blow 1st open, strong blow 2nd open

Rec. 540' gas in pipe, 80' mud cut oil (60% oil)

IFPs 36-36

ISIP 877

FFPs 48-48

FSIP 877

DST #4 4565'-4586' (Beymer Zone)

30-45-60-45

Strong blow throughout

Rec. 1406' gas in pipe

248' clean gassy oil

60' gassy mud cut oil (70% oil)

IFPs 48-72

ISIP 477

FFPs 97-133

FSIP 359

DST #5 4594'-4614' (Johnson Zone)

30-30-30-30

Rec. 20' mud

IFPs 36-24

ISIP 48

FFPs 36-20

FSIP 40

DST #6 4806'-4878' (Morrow Sand)

30-45-60-45

Rec. 165' oil specked muddy water

1135' water, 90,000 ppm chlorides

IFPs 73-324

ISIP 1135

FFPs 371-642

FSIP 1135

ELECTRIC LOG TOPS (Cont. from ACO-1)

Cherokee Shale 4616' (-1456')

Morrow Shale 4816' (-1656')

Chester Sand 4880' (-1720')

St. Gene 4890' (-1730')

LTD 5007' (-1847')

RECEIVED
KANSAS CORPORATION COMMISSION

APR 13 1992

CONSERVATION DIVISION
WICHITA, KS

JAN 29 1992

ORIGINAL

REPORT OF RUNNING AND CEMENTING CASING

A. L. ABERCROMBIE, INC.

ABERCROMBIE DRILLING, INC.

Date 1-27-92

Lease Name Crist Well No. 2
 Lease Owner/Operator A.L. Abercrombie Inc.
 Drilling Contractor Abercrombie R.T.D. Inc Rig No. 8
 Location SE-NW Sec. 3 Twp 21S Rge 35W County Kearney
 Casing Received From: (Supply) Hard Stock Inv. No. _____
 Casing Charged To: (Company) A.L. Abercrombie
 Casing Trucked By: Our Truck
 Amount Of Casing Received 7 Jts. 264.33 (Threads on) Ft.
 Amount Of Casing Left Over — Jts. — Ft.
 Disposition Of Casing Left Over —

Rotary Bushing T.D. 275 Ft. Size Of Hole 12 1/4 IR
 Casing Set At: (R.B. To Bottom Of Shoe) 7 Jts. 270.58 (Threads off)
 Size 8 5/8 Weight 20^{lb} Thread 8RD
 Range 3 Grade used Make _____
 Shoe (Type—Make) Texas Slic **RECEIVED** Float Collar (Type—Make) _____
 Stage Collar (Make—Set At) _____
 Centralizers (Set At) _____ APR 13 1992

Scratchers (Set At) _____ CONSERVATION DIVISION
 WICHITA, KS

Cemented With 170 Sacks Of 60/40 por 2906cl 390cc Cement
 Cemented By Allied Plug To: 250.58 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 @ 5:15 pm 1-27-92 Ran 7 jts used 8 5/8 x 20^{lb}
Casing Tally 262.58 set @ 270.58 y 170 sk 60/40 por 2906cl
390cc, by Allied Dd Circ. KTD 275 Survey is (34) WOC
Shrs. Plug Down @ 11:30 PM 1-27-92 Drill Plug @ 7:30 PM 1-28-92
 Water: June Pickett RRI Modoc, KS 67866 #1000⁰⁰

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

JAN 29 1992

A. L. ABERCROMBIE, Inc.

ORIGINAL

PIPE TALLY

DATE 1-27-92 1992

No. Pcs.	LENGTH		LENGTH		LENGTH		LENGTH		LENGTH	
	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.
1	37	40			TALL THIN					
2	37	38								
3	38	25								
4	37	40			26 4/5					
5	37	49								
6	37	34								
7	35	32								
8	26	57	TALL							
9										
10	27	53	S-T							
11			1.7 H/L							
12	27	38	KTD							
13										
14										
15										
16										
17										
18										
19										
20										
Total										

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

Col. No.	Stock of	A. L. Abercrombie
1	Weight	20 = Size 3 1/2
2	Grade	1/2" Coupling Thd 3/4"
3	From	K-Stack
4	Sent To	C. T. #2
5	Remarks	
Total		

No. Joints _____ Car No. _____ B/L No. _____
 Talled By _____

ORIGINAL

RECEIVED

REPORTS OF DRILLING AND DISSEMINATING CASING

FEB 12 1992

A. L. ABERCROMBIE, INC.

ABERCROMBIE DRILLING, INC.

APR 13 1992

Date 2-8-92

Lease Name Crist CONSERVATION DIVISION No. # 2
 Lease Owner/Operator A.L. Abercrombie, Inc. WICHITA, KS
 Drilling Contractor A.L. Abercrombie A.T.L. Inc. Rig No. # 8
 Location 150 E-SE-NW Sec. 3 Twp. 15 Rge. 3 County Lincoln
 Casing Received From: (Supply) Natural Gas Supply Inv. No. _____
 Casing Charged To: (Company) A.L. Abercrombie, Inc.
 Casing Trucked By: Our Trucks
 Amount Of Casing Received 130 Jts. 50.75.32 (Tally) Ft.
 Amount Of Casing Left Over 10 Jts. 25.45.00 (OFF) Ft.
 Disposition Of Casing Left Over back to field

Rotary Bushing T.D. # 5000 Ft. Size Of Hole 7 7/8 In.
 Casing Set At: (R.B. To Bottom Of Shoe) 120 Jts. 41.98.78 (L) Ft.
 Size 4 1/2 Weight 10.5 lb. Thread 2 1/2
 Range 3 Grade used Make ---
 Shoe (Type—Make) Baker Float Collar (Type—Make) Baker A.T.L. F.C.
 Stage Collar (Make—Set At) on top = 86.00 1350.20 K/L
 Centralizers (Set At) 1st 46.98, 2nd 44.36, 3rd 43.15 = 36 - 1386 - 78.78
 Turbocenters 1st 46.75, 2nd 45.75, 3rd 45.15
 Scratchers (Set At) 10 A.A.T. = 3, 4, 5, 6, 11, 12 TO 46.35

Cemented With _____ Sacks Of CK Below Cement
 Cemented By R.T. Services Plug To: 41.74.35 Ft.
 Plugs (Number—Type) 2 x 4 1/2
 Longstring—R.B. To Top Of Braden Head 7' Ft.
 Surface String—R.B. To Top Of Collar 8' Ft.

Remarks: Ran 130 @ 4.5.6 4 1/2 x 10 1/2 in. casing tally 4702.78
Set @ 41.98.78 / bottom stage 5000' and sweep 25' to 1350.20
plug 10 CK 2 - 7 in. cement 1. set 150 @ 5000.12-29
top stage 350 @ 5.6.8.7 4 1/2 in.
bottom plug down @ 1.2.15.2 1.12 top plug down @ 6.30 AM 2-9-91

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.

D-U T.O.L. @ 1350'

[Signature]
 Company Representative