

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: Jack K. Wharton
Phone (316) 262-1841
Contractor: Name: Abercrombie RTD, Inc.
License: 30684
Wellsite Geologist: Robert McCann

Designate Type of Completion
 New Well Re-Entry Workover
Oil SWD SIDW Temp. Abd.
Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
7-12-93 7-24-93 8-27-93
Spud Date Date Reached TD Completion Date

API NO. 15- 093-21,283-0000
County Kearny
NE NE NE Sec. 4 Twp. 21S Rge. 35 E
440' Feet from S/W (circle one) Line of Section
440' Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Klein B Well # 1
Field Name White Woman East
Producing Formation _____
Elevation: Ground 3164' KB 3169'
Total Depth 5045' PSTD 4870'
Amount of Surface Pipe Set and Cemented at 289.10 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1362' Feet
If Alternate II completion, cement circulated from 1362'
feet depth to surface w/ 350 sx cat.
Drilling Fluid Management Plan D & A to be plugged
(Data must be collected from the Reserve Pit)
Chloride content 5000 ppm Fluid volume 1000 bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
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. Wharton
Title Vice Pres. Date 9-7-93
Subscribed and sworn to before me this _____ day of _____ 19____.
Notary Public _____
Date Commission Expires _____

RECEIVED STATE CORPORATION COMMISSION
K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Geologist Report Received
SEP 08 1993
CONSERVATION DIVISION
Wichita, Kansas
Distribution
KCC _____
KGS _____
SWD/Rep _____
Plug _____
NGPA _____
Other _____
(Specify)

SIDE TWO

Operator Name A. L. Abercrombie, Inc.

Lease Name Klein 'B'

Well # #1

East

County Kearny

Sec. 4 Twp. 21S Rge. 35

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.)

Log Formation (Top), Depth and Datum Sample

Name Top Datum

- List All E.Logs Run:
- ✓ Dual Compensated Porosity
 - ✓ Dual Induction
 - ✓ Micro resistivity
 - ? Sonic cement bond

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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	20#	289'	60-40 posmix	200	2% gel 3% cc
Production	7 7/8	4 1/2	10 1/2# & 11 1/2#	4915'	50-50 posmix Common	75 150	4% gel CFR-2 D-29 6# gel per sx
D. V. Tool				1362'	liteweight	3520'	

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	4719'-4721'	2000 gal 15% Non E	4870'
4	4616'-4619'	2000 gal 15% Non E	4700'
Well Non Commercial			

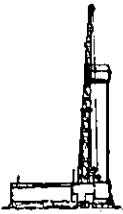
TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24. Hours	Oil Bbls.	Gas Bbls.	Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	Non Commercial					

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACD-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval: Non Commercial

ORIGINAL



ABERCROMBIE RTD, INC.
DRILLING CONTRACTOR

150 N. MAIN, SUITE 801 / WICHITA, KANSAS 67202 / 316-262-1841

API #15-093-21 283.0000

KLEIN 'B' #1
NE NE NE
Sec. 4-21S-35W
Kearny Co., KS

DST #1 4462'-4520' (Marmaton)
30-45-30-45
Weak blow, 1st open - died 2nd open
Rec. 40' mud
IFPs 19-19 ISIP 513
FFPs 19-19 FSIP 464

DST #2 4520'-4572'
30-30-30-30
Weak blow
Rec. 10' mud
IFPs 9-9 ISIP 9
FFPs 9-9 FSIP 9

DST #3 4576'-4600'
30-30-30-30
Rec. 15' oil spotted mud
IFPs 19-19 ISIP 395
FFPs 19-19 FSIP 513

DST #4 4606'-4630'
30-45-60-45
Weak to strong blow 1st open
good blow to strong 2nd open
Rec. 867' GIP
80' CGO 98% oil
62' MO 70% oil
32' HOCM 15% oil
IFPs 29-39 ISIP 661
FFPs 49-69 FSIP 621

DST #5 4710'-4730'
30-45-60-45
Rec. 15' CO, 30' MCO (65% mud 35% oil)
IFPs 19-29 ISIP 769
FFPs 29-39 FSIP 926

DST #6 4823'-4887' (Basal Sand)
30-45-30-45
Weak blow 1st open, dead 2nd open period
Rec. 67' oil spotted mud with show free oil on top of tool
IFPs 29-39 ISIP 1024
FFPs 39-39 FSIP 985

RECEIVED
STATE CORPORATION COMMISSION
SEP 08 1993
CONSERVATION DIVISION
Wichita, Kansas

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. 5040

Home Office P. O. Box 31 Russell, Kansas 67665

New

Date	7-24-93	Sec.	4	Twp.	215	Range	35W	Called Out	10:00 AM	On Location	4:30 PM	Job Start	9:30 PM	Finish	12:00 AM
Lease	Klein "B"			Well No.	1			Location	Friend 14W-S. Side			County	Kearny		
Contractor	Abercrombie only # 8							Owner	A.L. Abercrombie, Inc.						
Type Job	2-Stage (Bottom Stage)							To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size	7 7/8			T.D.	5044			Charge To	A.L. Abercrombie, Inc.						
Csg.	4 1/2 10.5 #			Depth				Street							
Tbg. Size				Depth				City	State						
Drill Pipe				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Tool	Stage collar			Depth	1362			Purchase Order No.							
Cement Left in Csg.	30			Shoe Joint	30			X	Anthony Ward						
Press Max.				Minimum				CEMENT							
Meas Line	yes			Displace	77.5			500 gal mud sweep							
Perf.															

EQUIPMENT

No.	Cementer	Ken
Pumptrk 300	Helper	Terry
No.	Cementer	
Pumptrk	Helper	
	Driver	
Bulktrk 305		Steve
Bulktrk 309	Driver	Fitz

DEPTH of Job 4915

Reference:		
	Sub Total	
	Tax	
	Total	

Remarks:
 Hook up to mud line + circulate for 1 Hr. +
 15 min. Hook up to trk and pump 500 gal.
 mud sweep, mix cement. Displace to insert.
 plug landed. 700 PST at 4890 KB.
 Insert did hold. Thanks for
 Ken & crew

Amount Ordered	75 SK 50/50 reg 4 1/2 gal 6 # 6 1/2 SK 12 1/4
Consisting of	150 SK "A" BA-29
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Handling	JUL 29 1993
Mileage	
Sub Total	
Total	
Floating Equipment	
4 1/2 Csg	Baker P 101-3250
1- Guide Shoe	1352-08
1- T.P.E.C.I.V.E.D.	* 5070110
4- Turbo-Centrifuges	
18- SK D.B. 1993 rat chers	
1 Stage collar	

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 Wichita, Kansas

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Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

JUL 15 1993

ALLIED CEMENTING CO., INC. 006 5370

Home Office P. O. Box 31

Russell, Kansas 67665

new

Date	7-12-93	Sec.	4	Twp.	21	Range	35	Called Out		On Location	5:45 PM	Job Start	8:00 PM	Finish	8:30 PM
Lease	Klein "B" Well No. 1			Location				Friend 14W-S.S.	County	Kearney	State	Kan			
Contractor	Abercrombie			RTD # 8				Owner	Same						
Type Job	Surface														
Hole Size	12 1/4			T.D.	294'										
Csg.	8 5/8			Depth	289'										
Tbg. Size				Depth											
Drill Pipe				Depth											
Tool				Depth											
Cement Left in Csg.	15'			Shoe Joint											
Press Max.				Minimum											
Meas Line				Displace	✓										
Perf.															

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To: Abercrombie Drilling Co., Inc
 Street: _____
 City: _____ State: _____
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. _____
 X Anthony W. [Signature]

CEMENT

Amount Ordered: 200 sks 60/40 per, 3% CC - 2% Gel

Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	

Sales Tax _____

Handling: 1.00 per SK

Mileage: 4.4 per SK mile

Sub Total	
Total	

Floating Equipment _____
R-101-3250

RECEIVED
 STATE CORPORATION COMMISSION
 SEP 08 1993
 CONSERVATION DIVISION
 Wichita, Kansas
Rig R-8
GN

EQUIPMENT

No.	Cementer	<u>Walt</u>
Pumptrk 191	Helper	<u>Sunny</u>
No.	Cementer	
Pumptrk	Helper	
	Driver	
Bulktrk 315	Driver	

DEPTH of Job

Reference:	<u>Pumptruck</u>	
	<u>8 5/8 wooden Plus</u>	
	<u>2.25 per mile</u>	
	Sub Total	
	Tax	
	Total	

Remarks: Concrete Drill Core