

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

Operator: License # 5422 **RECEIVED KANSAS CORP COM**

Name: Abercrombie Drilling, Inc.

Address 150 N. Main, Suite #801

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Jerry Langrehr

Phone (316) 262-1841

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Steve Davis

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIGW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Exp. Cathodic, etc)

RELEASED

If Workover:

Operator: N/A **APR 09 1999**

Well Name: _____

Comp. Date _____ Old Total Depth _____

FROM CONFIDENTIAL

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTB

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

02-11-98 02-22-98 02-22-98
Spud Date Date Reached TD Completion Date

API NO. 15- 203-20,132-0000

County Wichita plugged 2/22/98

NW - SE - - - Sec. 30 Twp. 20S Rge. 35 E W

1980 Feet from N (circle one) Line of Section

1980 Feet from W (circle one) Line of Section

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

Lease Name McMichaels Well # 1

Field Name WC **CONFIDENTIAL**

Producing Formation _____

Elevation: Ground 3211' KB 3216'

Total Depth 5190' PBTB _____

Amount of Surface Pipe Set and Cemented at 318.60 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.

Drilling Fluid Management Plan PLA 10-1-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 53,000 ppm Fluid volume 1750 bbls

Dewatering method used Evaporation **RELEASED**

Location of fluid disposal if hauled offsite: APR 09 1999

Operator Name KCC **FROM CONFIDENTIAL**

Lease Name FEB 26 License No. _____

Quarter CONFIDENTIAL S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 Steve Frankamp
Title Executive Vice-President Date 02-26-98

Subscribed and sworn to before me this 26 day of Feb, 19 98.

Notary Public Sandra C. McCaig

Date Commission Expires 1-31-02

SANDRA C. McCAIG
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 1-31-02

Recd 3-12-98

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)

SIDE TWO

Operator Name Abercrombie Drilling, Inc. Lease Name McMichaels Well # 1

Sec. 30 Twp. 20S Rge. 35 East West
 County Wichita

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) List All E.Logs Run: Dual Compensated Porosity Dual Induction	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED SHEET
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CASING RECORD <input type="checkbox"/> New <input checked="" 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"	23#	318.60'	60/40 pos	210	2%gel, 3% cc

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

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

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. <u>D+A</u>			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. <u>N-A</u>	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
 (If vented, submit ACO-18.) Other (Specify) _____

CONFIDENTIAL

RELEASED

APR 09 1999

ABERCROMBIE RTD, INC.

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

FROM CONFIDENTIAL
KANSAS CORP

1998 MAR 12 A 11:37

McMICHAELS #1

NW-SE
Sec. 30-20S-35W
Wichita Co., Ks

OPERATOR: Abercrombie Drilling
CONTRACTOR: Abercrombie RTD, Inc.
RIG #: 8
JOB #: 9808004

ORIGINAL

Abercrombie Drilling, Inc.
150 N Main, Suite 801
Wichita, Ks. 67202
316-262-1841

ELEVATION: GL 3211'
KB 3216'

API #15-203-20,132

KCC

FEB 26
CONFIDENTIAL

DST #1 4530 - 4570 (Marmaton)
30-45-30-45 weak blow died
REC: 5' OSM
FP: 64-54; 64-75#
SIP: 86-86#

DST #2 4593 - 4619 (Beymer Zone)
30-45-60-45 BOB/26"
REC: 610' MW (60% water)
FP: 75-129; 194-324#
SIP: 1152-1066#

DST #3 4626-4644 (Johnson Zone)
30-45-60-45
REC: 400' GIP
64' SMWCGO 30% G
50% Oil, 10% W, 10% M
124' SOGCMW 10% G
15% Oil, 40% W, 35% M
62' MCW 80% W, 20% M 30,000 chl
FP: 18-76 82-123
SIP: 511-376#

LOG TOPS

Reference Wells

			<u>A</u>	<u>B</u>
Heebner	3970	-754	-18	+1
Lansing	4026	-810	-19	-1
Muncie Creek	4218	-1002	-6	+12
Stark Shale	4332	-1116	-2	+11
Hushpuckney	4385	-1169	+6	+12
B/KC	4477	-1261	+7	+8
Marmaton	4508	-1292	+10	+19
Beymer Zone	4601	-1385	+5	+11
Johnson Zone	4632	-1416	+3	+12
Cherokee Shale	4651	-1435	+13	+3
Atoka Zone	4866	-1650	+8	+9
Morrow Shale	4881	-1665	+13	+8
Mississippi	4955	-1739	+56	+5
RTD	5190			
LTD	5191			

DST #4 4815'-4856' (Atoka)
30-45-30-45
REC: 30' mud
FP: 43-43; 43-49
SIP: 1070-1000#

Reference well

A: Leben/Kufeld
#1
C SW NW,
Sec. 30-20-35W

Reference well

B: Great Plains/
Coakes #1
C NW NE NW,
Sec. 29-20S-
35W

ALLIED CEMENTING CO., INC. 9971

RECEIVED
KANSAS CORP CO
Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665 A 11:37

SERVICE POINT: Oakley

ORIGINAL

15-20320132

DATE <u>7-11-98</u>	SEC. <u>30</u>	TWP. <u>20</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION <u>8:00 PM</u>	JOB START <u>9:45 PM</u>	JOB FINISH <u>10:00 PM</u>
LEASE <u>McMichael's</u>		WELL # <u>1</u>		LOCATION <u>Friend 15 W-1N-1/41, N.S.</u>		COUNTY <u>Wichita</u>	STATE <u>Kan</u>
OLD OR NEW (Circle one)							

CONTRACTOR Abaccambue ATD #18

TYPE OF JOB Surface

HOLE SIZE 17 1/4 T.D. 373'

CASING SIZE 8 5/8 DEPTH 315'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT _____

OWNER Same

CONFIDENTIAL

CEMENT

AMOUNT ORDERED 210 cks 80/100

3% cc - 2% gel

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ **RELEASED**

_____ @ _____

_____ @ APR 09 1999

_____ @ **FROM CONFIDENTIAL**

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Walt</u>
# <u>191</u>	HELPER <u>Dean</u>
BULK TRUCK	
# <u>217</u>	DRIVER <u>R.G.</u>
BULK TRUCK	
# _____	DRIVER _____

KCC
FEB 26
CONFIDENTIAL

REMARKS:

Cement DO Circ. ✓

Another job well Done (a.m)

SERVICE

DEPTH OF JOB 318'

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE 18' @ _____

MILEAGE miles @ 2.85

PLUG 8 5/8 @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: Abaccambue Dr Co

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]

Anthony Martin
PRINTED NAME

ALLIED CEMENTING CO., INC.

9974

Federal Tax ID # 48-0727860

ORIGINAL

RECEIVED

REMIT TO P.O. BOX 313
RUSSELL, KANSAS 67665

SERVICE POINT: Oakley

1990 MAR 12 A 11:37

DATE <u>7-27-98</u>	SEC. <u>30</u>	TWP. <u>20 S</u>	RANGE <u>35 W</u>	CALLED OUT	ON LOCATION <u>7:30 PM</u>	JOB START <u>8:45 PM</u>	JOB FINISH <u>11:30 PM</u>
LEASE <u>McMichals</u>	WELL # <u>1</u>	LOCATION <u>Friend 1611-W-1611-1/4N</u>		COUNTY <u>Wichita</u>	STATE <u>Kan</u>		

CONTRACTOR Abarcrombie RTD #8
 TYPE OF JOB PTA
 HOLE SIZE 7 7/8 T.D. 5190'
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 2310'
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER Same **CONFIDENTIAL**

CEMENT AMOUNT ORDERED 245 SK 60/40 per
6% Col, 1/4" Fla-Seal

COMMON _____ @ _____
 POZMIX **KCC** _____ @ _____
 GEL _____ @ _____
 CHLORIDE **FEB 26** _____ @ _____
CONFIDENTIAL _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK # <u>191</u>	CEMENTER <u>Walt</u>	HELPER <u>Jeff</u>
BULK TRUCK # <u>212</u>	DRIVER <u>Lennie</u>	
BULK TRUCK # _____	DRIVER _____	

TOTAL _____

REMARKS:

<u>50 SKs @ 2310'</u>
<u>80 SKs @ 1100'</u>
<u>40 SKs @ 700'</u>
<u>50 SKs @ 340'</u>
<u>10 SKs @ 40'</u>
<u>15 SKs in R.H.</u>

SERVICE

DEPTH OF JOB 2310'
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE miles @ 285
 PLUG 8 5/8 D.H. @ _____
 _____ @ _____
 _____ @ _____

CHARGE TO: Abarcrombie Dels, Inc
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL _____

FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TOTAL _____

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Anthony Martin

Anthony Martin
 PRINTED NAME

STATE OF KANSAS
KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
130 South Market - Room 2078
Wichita, Kansas 67202

ORIGINAL APR 09 1999

FORM CP-1 (9/82) CONFIDENTIAL

already Plugged

RECEIVED
KANSAS CORP COM

WELL PLUGGING APPLICATION FORM

(PLEASE TYPE FORM and File ONE Copy)

CONFIDENTIAL

API # 15-203520,132 (Identifier number of this well). This must be listed for wells drilled since 1967; if no API# was issued, indicate spud or completion date.

WELL OPERATOR Abercrombie Drilling, Inc. KCC LICENSE # 5422
(owner/company name) (operator's)

ADDRESS 150 N. Main, Suite #801 CITY Wichita

STATE Kansas ZIP CODE 67202 CONTACT PHONE # (316) 262-1841

LEASE McMichaels WELL# 1 SEC. 30 T. 20S R. 35 (East, West)

NW - SE - SPOT LOCATION/QOOO COUNTY Wichita

1980 FEET (in exact footage) FROM S/N (circle one) LINE OF SECTION (NOT Lease Line)

1980 FEET (in exact footage) FROM E/W (circle one) LINE OF SECTION (NOT Lease Line)

Check One: OIL WELL GAS WELL D&A SWD/ENHR WELL DOCKET# _____

CONDUCTOR CASING SIZE _____ SET AT _____ CEMENTED WITH _____ SACKS

SURFACE CASING SIZE 8 5/8" SET AT 318.60' CEMENTED WITH 210 SACKS

PRODUCTION CASING SIZE _____ SET AT _____ CEMENTED WITH _____ SACKS

LIST (ALL) PERFORATIONS and BRIDGEPLUG SETS: _____

ELEVATION 3211'/3216' T.D. 5190 PBTD _____ ANHYDRITE DEPTH 2293-2306
(G.L./K.B.) (Stone Corral Formation)

CONDITION OF WELL: GOOD POOR _____ CASING LEAK _____ JUNK IN HOLE _____

PROPOSED METHOD OF PLUGGING 1st plug at 2310' with 50 sks, 2nd plug at 1100' with 80 sks, 3rd

plug at 700' with 40 sks, 4th plug at 340' with 50 sks, 5th plug at 40' with 10 sks, 15 sks in

rathole. Total of 245 sks 60/40 pos, 6% gel, 1/4# floseal per sk.

(If additional space is needed attach separate page)

IS WELL LOG ATTACHED TO THIS APPLICATION AS REQUIRED? Yes IS ACO-1 FILED? Enclosed

If not explain why? _____ N/A

PLUGGING OF THIS WELL WILL BE DONE IN ACCORDANCE WITH K.S.A. 55-101 et. seq. AND THE RULES AND REGULATIONS OF THE STATE CORPORATION COMMISSION.

LIST NAME OF COMPANY REPRESENTATIVE AUTHORIZED TO BE IN CHARGE OF PLUGGING OPERATIONS:

Tony Martin PHONE# (785) 743-5443

ADDRESS P.O. Box 294 City/State Wakeeney, KS 67672

PLUGGING CONTRACTOR Abercrombie RTD, Inc. KCC LICENSE # 30684
(company name) (contractor's)

ADDRESS 150 N. Main, #801, Wichita, KS 67202 PHONE # (316) 262-1841

PROPOSED DATE AND HOUR OF PLUGGING (If Known?) 02-22-98 at 11:30 p.m.

PAYMENT OF THE PLUGGING FEE (K.A.R. 82-3-118) WILL BE GUARANTEED BY OPERATOR OR AGENT

DATE: 2-26-98 AUTHORIZED OPERATOR/AGENT: Steve Frankamp
(signature)

KCC
FEB 26
CONFIDENTIAL