

**CONFIDENTIAL**

SIDE ONE

**ORIGINAL**

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

Operator: License # 5422

Name: Abercrombie Drilling, Inc.

Address 150 N. Main, #801

City/State/Zip Wichita, KS 67202

Purchaser: Koch Oil Company

Operator Contact Person: Steve Frankamp

Phone (316) 262-1841

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Tom Funk

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SIOW  Temp. Abd.

Gas  ENHR  SIGW

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

If Workover:

Operator: N/A

Well Name: OCT 15 1998

Comp. Date 08-17-97 Old Total Depth 08-26-97

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PBTD

Commingled  Docket No.                     

Dual Completion  Docket No.                     

Other (SWD or Inj?)  Docket No.                     

Spud Date 08-17-97 Date Reached TD 08-26-97 Completion Date 09-18-97

API NO. 15- 203-20,127-0000

County Wichita

C-NE/4 Sec. 26 Twp. 20S Rge. 35  E  W

1320' Feet from S(N) (circle one) Line of Section

1320' 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 Titus Well # 2

Field Name WC

Producing Formation Marmaton

Elevation: Ground 3155' KB 3160'

Total Depth 5080' PBTD 5018'

Amount of Surface Pipe Set and Cemented at 291.59' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 1322 Feet

If Alternate II completion, cement circulated from 1322'

feet depth to surface w/ 300 sx cmt.

Drilling Fluid Management Plan Att. 2, 9-30-98 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 40,000 ppm Fluid volume 1300 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:                     

Operator Name OCT 9

Lease Name                      License No.                     

                     Quarter CONFIDENTIAL Twp.                      S Rng.                      E/W                     

County                      Docket No.                     

**RELEASED**

**FROM CONFIDENTIAL**

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 10/9/97

Subscribed and sworn to before me this 9<sup>th</sup> day of October 19 97.

Notary Public Deborah K. Ammerman

Date Commission Expires 3-1-2000

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

DEBORAH K. AMMERMAN  
Notary Public - State of Kansas  
My Appt. Expires 3-1-2000

**SIDE TWO**

Operator Name Abercrombie Drilling, Inc. Lease Name Titus Well # 2

Sec. 26 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  Yes  No  
 (Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run:  
 Dual Compensated Porosity Log  
 Dual Induction Log

Log Formation (Top), Depth and Datums  Sample

Name Top Datum

SEE ATTACHED SHEET

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"	New 8 5/8"	20#	291.59'	60/40 pos	200	2% gel, 3% cc
Production	7 7/8"	Used 5 1/2"	15.5#	5049.90	60/40 pos common	75 200	2% gel, 1% CFR BA-29
					Lite	300	1/4# floeal

2 Lower Stage Upper Stage

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	4597-4602	Ac 500 gal 15% MCA	4597-4602

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	5009	None	
Date of First, Resumed Production, SMD or Inj.			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
09-19-97					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	32		0		33.1°

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

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

Production Interval 4597-4602'

ORIGINAL

**ABERCROMBIE RTD, INC.**

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

**TITUS #2**

C - NE/4  
Sec. 26-20S-35W  
Wichita County, KS

OPERATOR: Abercrombie Drilling, Inc.  
CONTRACTOR: Abercrombie RTD, Inc.

RIG #:4  
JOB #: 9704021

**CONFIDENTIAL**

Abercrombie Drilling, Inc.  
150 N. Main #801  
Wichita, KS 67202  
(316)-262-1841

ELEVATION: GL 3155'  
KB 3160'

API #15-203-20,127

DST #1 4411'-4439' (LKC "L" Zone)

30-45-60-45 Strong blow off bottom (first open). Blow built to 9" on second open.

Rec: 2545' saltwater (26,000 ppm)

FP: 256-1144; 1153-1174# SIP: 1170-1176#

Strap 2.84 Board Long.

Log Tops:

DST #2 4508 - 4526' (Amazon Ditch)

30-45-60-45 1st open: Built to 7" blow, 2nd open: Built to 3" blow

Rec: 5' FO, 325' muddy water (20,000 ppm)

FP: 21-108; 115-196# SIP: 857-848#

OCT 9

**CONFIDENTIAL**

DST #3 4582-4605 (Beymer Zone)

30-45-60-45 GTS 30" into 2nd open, TSTM

REC: 1930' CGO (33°) 180' GCMO

FP: 101-382; 408-729# SIP: 1190-1166#

RELEASED

OCT 15 1998

FROM CONFIDENTIAL

- Anhydrite 2255 (+905)
- B/Anhydrite 2269 (+891)
- Heebner 3962 (-802)
- Lansing 4012 (-852)
- Muncie Creek 4207 (-1047)
- Stark Shale 4324 (-1164)
- B/KC 4470 (-1310)
- Marmaton 4501 (-1341)
- Beymer Zone 4588 (-1428)
- Johnson Zone 4623 (-1463)
- Cherokee Shale 4636 (-1476)
- Morrow Shale 4840 (-1680)
- Mississippi 4930 (-1770)
- LTD 5082 (-1992)

CONFIDENTIAL

# ALLIED CEMENTING CO., INC.

8924

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Cable

15-203-20127

DATE <u>8-17-99</u>	SEC. <u>26</u>	TWP. <u>20<sup>2</sup></u>	RANGE <u>35<sup>4</sup></u>	CALLED OUT	ON LOCATION <u>10:30<sup>am</sup></u>	JOB START <u>1:45<sup>pm</sup></u>	JOB FINISH <u>3:15<sup>pm</sup></u>
LEASE <u>Titus</u>	WELL# <u>7</u>	LOCATION <u>Friend Rd 1313-2N-11-4S</u>			COUNTY <u>Wichita</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Abercrombie PTD #4

TYPE OF JOB Surface

HOLE SIZE 17 1/4 T.D. 291

CASING SIZE 8 5/8 DEPTH 291

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT

OWNER Smith

CEMENT AMOUNT ORDERED 200 lbs 20/40 per 3% CC - 2% CC

**EQUIPMENT**

PUMP TRUCK CEMENTER Walt

# 191 HELPER Walt

BULK TRUCK

# 218 DRIVER Louie

BULK TRUCK

# DRIVER

COMMON @

POZMIX @

GEL @

CHLORIDE @

OCT 9 @

CONFIDENTIAL @

HANDLING @

MILEAGE @

RELEASED TOTAL

OCT 15 1998

SERVICE FROM CONFIDENTIAL

REMARKS:

Constant Dip Circle ✓  
(in center)

Walt

DEPTH OF JOB 291

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE in log @ 9.25

PLUG 8 5/8 Surface @

TOTAL

CHARGE TO: Abercrombie Dly Co Inc

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 Walt D. Brown

Walter D. Brown  
PRINTED NAME

CONFIDENTIAL

# ALLIED CEMENTING CO., INC.

8527

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

ORIGINAL 15-203-20127 DAKLEY

DATE <u>8-27-97</u>	SEC <u>26</u>	TWP <u>20S</u>	RANGE <u>35W</u>	CALLED OUT	ON LOCATION <u>6:40 AM</u>	JOB START <u>4:15 PM</u>	JOB FINISH <u>4:15 PM</u>
LEASE <u>TETUS</u>	WELL# <u>2</u>	LOCATION <u>FRIEND 12W-2N-1/4W-52E</u>			COUNTY <u>WICHITA</u>	STATE <u>Ks</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR Abrahamson RTO #16 #4  
 TYPE OF JOB Product and status "Top Stab"  
 HOLE SIZE 7 1/2" T.D. 5090'  
 CASING SIZE 5 1/2" DEPTH 5050'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DU DEPTH 1322'  
 PRES. MAX 1200 PSI MINIMUM  
 MEAS. LINE SHOE JOINT 91-91"  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT

OWNER SAME  
 CEMENT  
 AMOUNT ORDERED 4000 lbs 10% 1/2 flo-sol.  
1150 320 lbs 2% 1/2 flo-sol  
 COMMON @  
 POZMIX @  
 GEL 1000 @  
 CHLORIDE OCT 9 @  
 CONFIDENTIAL @  
 HANDLING @  
 MILEAGE @

### EQUIPMENT

PUMP TRUCK CEMENTER TERRY  
 # 300 HELPER WAYNE MAX  
 BULK TRUCK  
 # 347 DRIVER DEAN  
 BULK TRUCK  
 # 280 DRIVER ANDREW

RELEASED

OCT 15 1998

TOTAL \_\_\_\_\_

### REMARKS:

MIX 300 25% 2% 1/2 flo-sol. + disp  
with 32% all water  
MIX 205 lbs RAT Hole  
Tool Held  
Cement OK ✓  
THANK YOU

FROM CONFIDENTIAL SERVICE

DEPTH OF JOB 1322'  
 PUMP TRUCK CHARGE  
 EXTRA FOOTAGE @  
 MILEAGE @  
 PLUG @  
 @  
 @

TOTAL \_\_\_\_\_

CHARGE TO: Abrahamson Inc.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### FLOAT EQUIPMENT

@  
 @  
 @  
 @  
 @

TOTAL \_\_\_\_\_

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TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE B.P. [Signature]  
Walter D. Brown Tool Pusher

PRINTED NAME

