

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 Ste. 801

City/State/Zip Wichita, KS 67202

Purchaser: N/A

Operator Contact Person: Mark Galyon

Phone (316) 262-1841

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Thomas Funk

Designate Type of Completion
 New Well Re-Entry Workover

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

If Workover/Reentry: Old Well Info as follows:

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

03-04-97 03-12-97 03-13-97
Spud Date Date Reached TD Completion Date

API NO. 15- 193-20,660-00-00
County Thomas
180°N - 150°W C - NE Sec. 14 Twp. 9S Rge. 34 X E
1140' Feet from S (N) (circle one) Line of Section
1170' Feet from (E) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(NE) SE, NW or SW (circle one)
Lease Name Kistler Well # 1-14
Field Name WC
Producing Formation None
Elevation: Ground 3168' KB 3173'
Total Depth 4860' PBSD _____
Amount of Surface Pipe Set and Cemented at 351.41' Feet
Multiple Stage Cementing Collar Used? _____ Yes XX No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____
Drilling Fluid Management Plan DEA JH 11-7-97
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used Evaporazation
Location of fluid disposal if hauled offsite: _____
Operator Name KCC
Lease Name MAR 2 5 License No. _____
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____
County _____ Docket No. _____

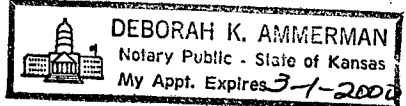
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APR 11 11:20 AM '97
03-28-1997

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 [Signature]
Title _____ Date 3-27-97
Subscribed and sworn to before me this 27th day of March, 19 97.
Notary Public [Signature]
Date Commission Expires 03-01-2000



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

SIDE TWO

Operator Name Abercrombie Drilling, Inc.

Lease Name Kistler

Well # 1-14

East

County Thomas

Sec. 14 Twp. 9S Rge. 34

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.)

List All E.Logs Run: **DUAL COMPENSATED POROSITY**
DUAL INDUCTION
BOREHOLE COMPENSATED SONIC

Log Formation (Top), Depth and Datums Sample
Name Top Datum

SEE ATTACHMENT

CASING RECORD

New 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"	24#	351.41'	60/40 pos	250	2% gel, 4% cc

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SMD or Inj.	Producing Method
<u>D&A</u>	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: Other (Specify) _____

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ORIGINAL

KISTLER #1-14

180'N & 150'W - C - NE
Sec. 14-9S-34W
Thomas Co., KS

15-193-20660-00-00

Electric Log Tops

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

- Anhydrite 2714' (+459)
- B/Anhydrite 2745' (+428)
- Heebner 4067' (-894)
- Toronto 4092' (-919)
- Lansing 4104' (-931)
- Muncie Creek Shale 4243' (-1070')
- Stark Shale 4326' (1153')
- BKC 4388' (-1215')
- Marmaton 4400' (-1227')
- Pawnee 4511' (-1338')
- Fort Scott 4577' (-1404')
- Cherokee Shale 4611' (-1438')
- Mississippian 4735' (-1562')
- Log TD 4862' (-1689)

DST #1 4243'-4281' ("H" zone)
30-45-60-45
Weak blow building to 4" in bucket
Recovered 20' cl. oil, 60' SOC MW (5% oil, 70% water)
190' MW (90% water) (chlorides 31,000 ppm.)
IFP's 29-49 ISIP 1186
FFP's 78-147 FSIP 1156

Running DST #2

DST #2 4325'-4357' ("K" zone)
30-45-60-45
Strong blow throughout
Rec 496' gas in pipe, 82' cl gsy oil.
120' o & wc gsy mud (20% gas, 30% oil, 20% wtr., 30% mud)
240' o & wc gsy mud (20% gas, 20% oil, 50% wtr., 10% mud)
62' soc wtr., 5% oil, 95% wtr.
1263' wtr. (chlorides 42,000 ppm.)
IFP's 92'-413' ISIP 1216'
FFP's 452'-709' FSIP 1186'

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MAR 25

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4567' circulating for samples. Preparing to run DST #3 (Pawnee and Myrick Station).

DST #3 4491'-4567' (Pawnee)
30-45-60-45
Strong blow throughout
Recovered 372' gas in pipe,
62' GCM, 248' oc gsy mud (60% gas, 40% oil, 20% mud)
62' so & wc gsy mud (30% gas, 5% oil, 25% water 40% mud)
IFP's 49'-88' ISIP 1106'
FFP's 108'-167' FSIP 1086'

RELEASED

APR 6 1998

FROM CONFIDENTIAL

ALLIED CEMENTING CO., INC.

8987

Federal Tax I.D.#

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

ORIGINAL

SERVICE POINT:

Oakley

DATE <u>3-5-97</u>	SEC. <u>14</u>	TWP. <u>9</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>3:15 AM</u>	JOB START	JOB FINISH <u>4:15 AM</u>
LEASE <u>Kristler</u>		WELL # <u>1-14</u>	LOCATION <u>Mingo + 24 St 1/2 W - 55</u>		COUNTY <u>Thomas</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Abecrombie RTD #8

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 356'

CASING SIZE 8 5/8 DEPTH 351

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 21.4

OWNER CONFIDENTIAL

CEMENT

AMOUNT ORDERED 250 SKS 6940 pcc

8% cc - 2% gel

COMMON	<u>150 SKS</u>	@	<u>7.20</u>	<u>1,080.00</u>
POZMIX	<u>100 SKS</u>	@	<u>3.15</u>	<u>315.00</u>
GEL	<u>4 SKS</u>	@	<u>9.50</u>	<u>38.00</u>
CHLORIDE	<u>11 SKS</u>	@	<u>28.00</u>	<u>308.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>250 SKS</u>	@	<u>1.05</u>	<u>262.50</u>
MILEAGE	<u>4¢ per SK/mile</u>			<u>200.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Walt

102 HELPER Dean

BULK TRUCK

212 DRIVER Wayne

BULK TRUCK

DRIVER

TOTAL 2,203.50

REMARKS:

Remant Dial Core

DEPTH OF JOB	<u>357'</u>		
PUMP TRUCK CHARGE			<u>45.00</u>
EXTRA FOOTAGE	<u>51'</u>	@	<u>4.14</u> <u>20.91</u>
MILEAGE	<u>20 miles</u>	@	<u>2.85</u> <u>57.00</u>
PLUG	<u>8 5/8 surface</u>	@	<u>0</u> <u>45.00</u>
		@	
		@	

TOTAL 567.91

CHARGE TO: Abecrombie Drls Inc

STREET 150 N. Main Suite 801

CITY Wichita STATE Kansas ZIP 67262-1383

FLOAT EQUIPMENT

none

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 or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

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APR 6 1998

FROM CONFIDENTIAL

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Anthony Marti

Anthony Marti
PRINTED NAME

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 1997 MAR 28

ALLIED CEMENTING CO., INC.

5149

15-193-20660-00-00

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

ORIGINAL

SERVICE POINT:

OAKLEY

DATE <u>3-13-97</u>	SEC. <u>14</u>	TWP. <u>9S</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION <u>4:30 AM</u>	JOB START <u>6:30 AM</u>	JOB FINISH <u>9:45 AM</u>
LEASE <u>KISTNER</u>	WELL # <u>1-14</u>	LOCATION <u>Colby 85-1/2 W</u>			COUNTY <u>THOMAS</u>	STATE <u>Ks</u>	

OLD OR NEW (Circle one)

CONTRACTOR ABERCROMBIE RTO R26 #8
 TYPE OF JOB PTA
 HOLE SIZE 7 7/8" T.D. 4860
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 2745'
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____

OWNER SAME
CONFIDENTIAL CEMENT
 AMOUNT ORDERED 190 SKS 6000# 2 60 GEL 4 FLG-SEAL

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER TERRY
 # 300 HELPER WAYNE
 BULK TRUCK _____
 # 218 DRIVER DEAN
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:

MIX 25 SKS AT 2745'
MIX 100 SKS AT 1770'
MIX 40 SKS AT 400
MIX 10 SKS AT 40'
MIX 15 SKS RAT HOLE

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DEPTH OF JOB 2745'
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 PLUG 85% MIX HOLE @ _____
 _____ @ _____
 _____ @ _____

CHARGE TO: ABERCROMBIE ORLG.
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

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

TOTAL _____

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 FROM CONFIDENTIAL

To Allied Cementing Co., Inc.
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TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]