

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

CONFIDENTIAL

Operator: License # 5393

Name: A.L. Abercrombie, Inc.

Address 150 N. Main, Suite #801

City/State/Zip Wichita, KS 67202

Purchaser: Koch Oil Company

Operator Contact Person: Jerry Langrehr

Phone (316) 262-1841

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: John Hastings

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:

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTB

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

01-31-98 02-08-98 02-19-98

Spud Date Date Reached TD Completion Date

API NO. 15- 171-20,527-0000

County Scott

SW - NE - Sec. 12 Twp. 18S Rge. 32 E W

1980 Feet from S/W (circle one) Line of Section

1980 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 Schowalter Well # 1-12

Field Name WC

Producing Formation Cherokee

Elevation: Ground 2968 KB 2973'

Total Depth 4680' PBTB 4645

Amount of Surface Pipe Set and Cemented at 290.61 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1665 Feet

If Alternate II completion, cement circulated from 1665

feet depth to Surface w/ 450 sks sx cmt.

Drilling Fluid Management Plan AH-2, 10-1-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 6,000 ppm Fluid volume 1280 bbls

Dewatering method used Evaporation **RELEASED**

Location of fluid disposal if hauled offsite: APR 09 1999

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

KCC
FEB 26
CONFIDENTIAL

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 02-27-98

Subscribed and sworn to before me this 27th day of February 19 98.

Notary Public Deborah K. Ammerman

Date Commission Expires 3-1-2000

<input checked="" type="checkbox"/> K.C.C. OFFICE USE ONLY		
<input checked="" type="checkbox"/> Letter of Confidentiality Attached		
<input checked="" type="checkbox"/> Wireline Log Received		
<input checked="" type="checkbox"/> Geologist Report Received		
Distribution		
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other
<u>3-498</u>		
(Specify)		

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

SIDE TWO

JAN 1990

Operator Name Abercrombie Drilling, Inc. Lease Name Schowalter Well # 1-12
 Sec. 12 Twp. 18S Rge. 32 East County Scott
 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:
 Compensated Density Neutron
 Dual Induction
 Gamma Ray/Correlation

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"	8 5/8" New	20 & 24#	290.61'	60/40 pos	200	2% gel, 3% cc
Production	7 7/8"	4 1/2" Used	10.5#	4677'	50/50 pos commons	50 150	2% gel, 3/4" DFRZ 18% salt
		<i>DV Tool</i>		<i>1665'</i>	<i>Lite</i>	<i>450</i>	<i>Flo-Seal 113</i>

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	4548-4552	500 gal 15% MCA	4548-52

TUBING RECORD		Size	Set At	Packer At	Liner Run			
		2 3/8"	4632	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or Inj.				Producing Method				
02-22-98				<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	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		85				0		29.3°

Disposition of Gas: **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 4548-4552'
 (If vented, submit ACO-18.) Other (Specify) _____

ORIGINAL

CONFIDENTIAL

ABERCROMBIE RTD, INC.

RELEASED

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

APR 09 1999

SCHOWALTER #1-12

SW - NE
Sec. 12-18S-32W
Scott County, KS

FROM CONFIDENTIAL
OPERATOR: Abercrombie Drilling, Inc.
CONTRACTOR: Abercrombie RTD, Inc.
RIG #: 8
JOB #: 9808003

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

ELEVATION: GL 2968'
KB 2973'

API #15-171-20,527

"TIGHT HOLE"

DST #1 4208 - 4236 (Lansing 'K' zone)
30-45-60-45
Blow built to 7" on 1st open, then built to 5" on 2nd open.
REC: 45' OSM, 60' OSWCM (40% W), 300' MW (90% W)
FP: 29-96; 99-213# SIP: 982 - 950#

Reference Well A:
Wabash/Pearl Strickert #6
C NW SE, Sec. 1-18S-32W

Reference Well B:
Wabash/Schowalter #1
SE SE SE, Sec. 12-18S-32W

DST #2 4366' - 4380' (Marmaton 'B' zone)
30-45-60-45
BOB/2 1/2" 1st open; BOB/3 1/2" 2nd open
Rec: 90' OSMW, 2160' SW (24,000 ppm)
FP: 70-660; 676-1029#
SIP: 1081-1070#

KCC

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Sample Tops

Anhydrite 2301' (+672)
Base/Anhydrite 2320' (+653)

DST #3 4537'-4561' (Cherokee "Strickert" Zone)
30-45-60-45
BOB/2" 1st open; BOB/1" 2nd open
REC: 2665' GIP, 1425' CGO (30%), 155' MCO (40% oil)
FP" 63-291; 306-555#
SIP: 1112-1081#

Log Tops

Reference Wells

		A	B
Howard	3620' (-647)	+2	+1
Topeka	3660' (-387)	+2	+2
Heebner	3899' (-926)	-1	+5
Lansing	3948' (-975)	-5	+4
Muncie Cr	4117' (-1144)	-4	+16
Stark Shale	4209' (-1236)	-3	+20
Hushpuckney	4244' (-1271) flat	+27	
Marmaton	4332' (-1359')	+4	-22
Ft Scott	4461' (-1488)	+8	+28
Chero Sh	4484' (-1511)	+9	+27
Chero Lime	4526' (-1553)	+12	+27
"Stricker"	4548' (-1575)	+12	ND
Mississippi	4570' (-1597)	+12	+19
		RTD 4680'	
		LTD 4680'	

APR 11 1999

ALLIED CEMENTING CO., INC.

APR 87 46 999

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

ORIGINAL CONFIDENTIAL SERVICE FROM CONFIDENTIAL DAKLEY

DATE <u>2-8-98</u>	SEC. <u>12</u>	TWP. <u>18S</u>	RANGE <u>32W</u>	CALLED OUT	ON LOCATION <u>5:30 PM</u>	JOB START <u>11:40 PM</u>	JOB FINISH <u>12:10 AM</u>
SCHWALTER LEASE		WELL# <u>1-12</u>	LOCATION <u>SCOTT CITY 6E-2N-1/2W</u>		COUNTY <u>SCOTT</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR ABERNAMBIE RTO AC OWNER SAME

TYPE OF JOB Production string "Bottom stage"

HOLE SIZE 7 7/8 T.D. 4680' CEMENT

CASING SIZE 4 1/2" DEPTH 4678' AMOUNT ORDERED 50 SAs 50/50 20% GEL 7 1/2"

TUBING SIZE DEPTH 6 1/2" 310' 1 1/2" CD-31

DRILL PIPE DEPTH 150 SAs COM 19% SALT 500 GAL WFR-2

TOOL A-U DEPTH 1665'

PRES. MAX 1000 PSI MINIMUM 150 PSI COMMON _____ @ _____

MEAS. LINE SHOE JOINT 27" POZMIX _____ @ _____

CEMENT LEFT IN CSG. 27' GEL _____ @ _____

PERFS. CHLORIDE _____ @ _____

DISPLACEMENT 47 1/2 BBLs WATER 26 3/8 BBLs MUD **KCC** _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER TERRY

300 HELPER WAYNE

BULK TRUCK

218 DRIVER DAVE DARREN

BULK TRUCK

315 DRIVER LOUISE

FEB 26

CONFIDENTIAL

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

REMARKS:

MIX 500 GAL WFR-2 Followed by
50 SAs 50/50 20% GEL 7 1/2" GILSONITE
310' 1 1/2" CD-31 + 150 SAs COM 19% SALT
DISPLACE WITH 47 1/2 BBLs WATER 26 3/8 BBLs MUD

FLOAT HELD

THANK YOU

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG _____ @ _____

TOTAL _____

CHARGE TO: A. L. ABERNAMBIE CO., INC.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

4 1/2"

1-GUIDE SHOE @ _____

1-INSERT @ _____

4-TURBO CENTRALIZERS @ _____

3-BASKETS @ _____

1-A-U TOOL @ _____

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.

SIGNATURE B.E. [Signature]

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

MAR 4 1998

PRINTED NAME

