STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION

WELL	COMPL	ĖT!	ON	F	OR	Ä	_	
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DESCRIPTION OF WELL AND LEASE 5393 Operator: License # A.L. Abercromble, Inc. Name: 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. 30684 License: John Hastings Wellsite Geologist: Designate Type of Completion X New Well Re-Entry Workover _ Oil _ SIOW _ Temp. Abd. ENHR Gas ___ SIGW Other (Core, WSW, Expl., Cathodic, etc) Dry If Workover: Operator: N/A Well Name: Comp. Date _____ Old Total (e _ Conv. to Inj/SWD Deepening __ Re-perf. _ Plug Back . PBTD Commingled Docket No. Dual Completion Docket No. Other (SWD or Inj?) Docket No. 02-08-98 01-31-98 Spud Date Date Reached TD Completion Date

SIDE ONE	
API NO. 15- 171-20,527 - 000	
County Scott	
SW - NE Sec. 12 Twp. 185 Rge. 32 X W	
1980 Feet from S/()(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' PBTD 4645	
Amount of Surface Pipe Set and Cemented at 290.61 Feet	
Multiple Stage Cementing Collar Used? X 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 A1+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 usedEvaporation RELEASED	
Location of fluid disposal if hauled offsite:	
APR 0 9 1999	
Operator Name	
Lease NameFROM CONFIDEN	AIIA
Quarter SecTwpS RngE/W	
County Docket No	
pe filed with the Kansas Corporation Commission, 130 S. Market spud date, recompletion, workover or conversion of a well. Side two of this form will be held confidential for a period of form (see rule 82-3-107 for confidentiality in excess of 12 sport shall be attached with this form. ALL CEMENTING TICKETS S. Submit CP-111 form with all temporarily abandoned wells.	

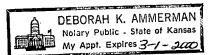
INSTRUCTIONS: An original and two copies of this form shall - Room 2078, Wichita, Kansas 67202, within 120 days of the Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 12 months if requested in writing and submitted with the months). One copy of <u>all</u> wireline logs and geologist well re MUST BE ATTACHED. Submit CP-4 form with all plugged wel

All requirements of the statutes, rules and regulations promulgat with and the statements herein are complete and correct to the best of my knowledge.

Title Executive Vice-President Date 02-27-98 Subscribed and sworn to before me this 9Notary Public Date Commission Expires

F Letter of Confidentiality Atta C Wireline Log Received C Geologist Report Received	ched
	GPA ther ify)

Form ACO-1 (7-91)



SIDE TWO _____ Well # 1-12 Schowalter Operator Name Abercrombie Drilling. Inc. Lease Name Scott County Sec. <u>12</u> Twp. <u>18S</u> Rge. <u>32</u> 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. ☐ Yes ☐ No X Log □ _{Sample} Formation (Top), Depth and Datums Drill Stem Tests Taken (Attach Additional Sheets.) Name COT Datum ☑ Yes ☐ No. Samples Sent to Geological Survey ☐ Yes ☒ No Cores Taken ☐ Yes ☐ No SEE ATTACHED SHEET Electric Log Run (Submit Copy.) List All E.Logs Run: Compensated Density Neutron Dual Induction Gamma Ray/Correlation CASING RECORD ☐ New ☐ Used Report all strings set-conductor, surface, intermediate, production, etc. Type of 🖔 # Sacks Type and Percent Size Hole Size Casing Weight Setting Purpose of String Additives Drilled Set (In 0.D.) Lbs./Ft. Depth: Cement Used 12 1/4" 20 & 24# 60/40 pos Surface 290.61 200 8 5/8" New 50/50 pos 7 7/8" 4 1/2" Used 10.5# Production Too/ ADDITIONAL CEMENTING/SQUEEZE RECORD Purpose: Depth Type of Cement #Sacks Used Type and Percent Additives Top Bottom Perforate Protect Casing Plug Back TD Plug Off Zone Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth PERFORATION RECORD - Bridge Plugs Set/Type Depth Shots Per Foot Specify Footage of Each Interval Perforated 4548-52 4 4548-4552 500 gal 15% MCA TUBING RECORD Set At Packer At Liner Run Size ☐ Yes ☒ No 2 3/8" Producing Method Plowing Pumping Gas Lift Other (Explain) Date of First, Resumed Production, SWD or Inj. 02-22-98 Bbls. Gas-Oil Ratio Estimated Production Mcf Bbls.

ORIGINAL

ABERCROMBIE RTD, INC.

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

RELEASED

APR 0 9 1399

SCHOWALTER #1-12

SW - NE

Sec. 12-18S-32W

Scott County, KS

FROM CONFIDEN 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

FP: 70-660: 676-1029#

KCC

FEB 26

CONFIDENTIAL

Rec: 90' OSMW, 2160' SW (24,000 ppm)

SIP: 1081-1070#

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#

Sample Tops

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

Log Tops Reference Wells В Howard 3620' (-647) +2 +1 Topeka 3660' (-387) +2 +2 Heebner 3899' (-926) -1 +5 Lansing 3948' (-975) -5 +4 Muncie Cr 4117' (-1144) +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'

Min 61 18. :

ALLIED CEMENTING CO., INC. 8747

REMIT TO P.O. BOX 31 SERVICE POINT:

ORIGINAL 15-171-RUSSELL, KANSAS 67665 FROMAZZYDENTIAL CALLED OUT JOB STÁRT JOB FINISH 32 W 12130 AM 1:15Am ScHowalter Lease COUNTY WELL# LOCATION SCOTT CITY 6E-210-1/4 W OLD OR NEW (Circle one) ABERCROMBIE - RTO RICE & **CONTRACTOR** SAME **OWNER** TYPE OF JOB PROJUCTION STRING " TOP STAGE" **HOLE SIZE** 4680 **CEMENT** AMOUNT ORDERED 450 SKS LITE 14 Flo-SEAL **CASING SIZE** DEPTH 4678 **TUBING SIZE DEPTH** DRILL PIPE DEPTH TOOL D-U <u>DEPTH</u> FEB 26 1150 PSI MINIMUM PRES. MAX 100 PSI **COMMON** MEAS. LINE SHOE JOINT POZMIX CEMENT LEFT IN CSG CHLORIDE -DISPLACEMENT Lite 450 sks **EQUIPMENT** PUMP TRUCK TERRY CEMENTER_ 300 HELPER WAYNE HANDLING 450 SKS **BULK TRUCK** MILEAGE __ 4¢ px 5K/milo 254 DRIVER DARRIN DAUE **BULK TRUCK** TOTAL 4, 404 45 DRIVER REMARKS: 1 - 1.1 **SERVICE** MIX 15 SKS CEMENT IN RAT HOLE MIX 435 JKS RITE 14# Flo-SEAL & DIS PLACE WITH 268BBLS BURTER DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE 45 mile TOOL 14521 CEMENT DID CEMENTER ofery Glance Tool Pusher anthon Martin TOTAL _580 CHARGE TO: A.L. Aber CROMBE DAW, INC. STREET 150 N FLOAT EQUIPMENT " Soft for @ @ To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or TOTAL contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or TAX contractor. I have read & understand the "TERMS AND TOTAL CHARGE _ CONDITIONS" listed on the reverse side. IF PAID IN 30 DAYS SIGNATURE B. E. Sourhall

PRINTED NAME

ALLIED CEMENTING CO., INC. APRIL 4699

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

ORIGINAL CONFIDENTIAL DAKLEY

	SEC.	TWP.	RANGE	C/	ALLED OUT	O	LOCATION	JOB START	JOB FINISH
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REMIT TO P.O. BOX 31		Challe SER	CICE DOINE	
RUSSELL, KANSAS 67665	SINAL	or transfer SER	VICE POINT: _ <i>OAKA</i>	-10
		The said	_OAKL	<u> </u>
DATE 1-31-98 SEC. TWP. RANGE 32 W	CALLED OUT	ON LOCATION	JOB START,	JOB FINISH
SCHOWALTER .			COUNTY	STATE
LEASE WELL#/-/2 LOCATION Scott of OLD OR NEW (Circle one)	CITY GE	- JN WINYO	Scott	15
OLD OR NEW (Circle one)				
CONTRACTOR ABERCHOMBEE ATO SIGTS	OWNER	SAME	nneinen	ITINI
TYPE OF JOB SURFACE			JUNITULI	VIIIL
HOLE SIZE 1911 T.D. 295	CEMENT			
CASING SIZE 879 DEPTH 290	AMOUNT O	RDERED 2005A	5 60/40,002.	3900 296
TUBING SIZE DEPTH				
DRILL PIPE DEPTH				
TOOL DEPTH		TINE WEST		
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CEMENT LEFT IN CSG. 15	GEL _	48.443	@	
PERFS.	CHLORIDE _	PROPERTY.		**************************************
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PUMP TRUCK CEMENTER TERRY		or of the same	-@CONFID	F-8.1
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BULK TRUCK	•		_ @	
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m. All' 10	j	149/14/19	@	
To Allied Cementing Co., Inc.		《西班通》		
You are hereby requested to rent cementing equipment		MUO IL	TOTAL	
and furnish cementer and helper to assist owner or		adding by	TOTAL	
contractor to do work as is listed. The above work was		and plants		
done to satisfaction and supervision of owner agent or	TAX	A State of the sta	•	and the second
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CONDITIONS" listed on the reverse side.	101AL CHAI	OD:	11/2/3 4, 1 15	
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