

FORM MUST BE TYPED

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 North Main - Suite 801
City/State/Zip Wichita, Kansas 67202-1383

Purchaser: _____
Operator Contact Person: Steve Frankamp
Phone (316) 262-1841
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Steve Davis

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD S10W Temp. Abd.
 Gas EXHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
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. _____
08-04-97 08-16-97 08-16-97
Spud Date Date Reached TD Completion Date

API NO. 15- 047-21428 0000
County Edwards County, Kansas
SW - SW - SW - Sec. 19 Twp. 25S Rge. 20 XX V
400 Feet from S/W (circle one) Line of Section
330 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or S/W (circle one)
Lease Name Herrmann "D" Well # 1
Field Name Fored
Producing Formation _____
Elevation: Ground 2281' XB 2290'
Total Depth 4860' PBTB 4800'
Amount of Surface Pipe Set and Cemented at 354 Feet
Multiple Stage Cementing Collar Used? 8-29-97 Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____
Drilling Fluid Management Plan P&A 2-11-98
(Data must be collected from the Reserve Pipe) 23
Chloride content 56,000 ppm Fluid volume 2100 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 8/28/97
Subscribed and sworn to before me this 28th day of August, 19 97.
Notary Public Deborah K. Ammerman
Date Commission Expires 3-1-2000

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

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 XCC SWD/Rep NGPA
 XGS Plug Other (Specify)

SIDE TWO

Operator Name Abercrombie Drilling, Inc. Lease Name Herrman "D" Well # 1
 Sec. 19 Twp. 25S Rge. 20 East County Edwards County, Kansas
 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SEE ATTACHMENT		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E.Logs Run:	CDL/CNL; Dual Induction			

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"	23#	354'	60/40 Poz	220	3%cc 2%gel

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 Yes No

Date of First, Resumed Production, SWD or Inj. P&A Producing Method Flowing Pumping Gas Lift Other (Explain)

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

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 Intervals _____

ABERCROMBIE RTD, INC.

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

ORIGINAL

HERRMANN "D" #1

330' FWL & 400' FSL
Sec. 19-25S-20W
Edwards County, KS

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

OPERATOR: Abercrombie Drilling, Inc.
CONTRACTOR: Duke Drilling,
RIG #: 4
JOB #:

15-047-21428

ELEVATION: GL 2281 '
KB 2290 '

API #15-047-21,428

RECORDED
KANSAS OIL & GAS
FRI 11/29 10:23

DST #1 4698' - 4730' (Lower Cherokee Lime)

30-45-30-45

Initial Open - 1/4" Blow throughout

2nd Open - No Blow

Flushed Tool - No Help

Recovered: 10' slightly gassy oil specked mud 2% gas, 3% oil, & 95% mud. Good show of free oil on top of tool.

IFP: 32-68# ISIP: 118#

FFP: 21-22# FSIP: 30#

Log Tops:

Heebner 4017' (-1727)

Brown Lime 4123' (-1833)

Lansing 4134' (-1844)

B/KC 4530' (-2240)

Mamaton 4540' (-2250)

Fort Scott 4654' (-2364)

Upper Cher Shale 4669' (-2379)

Lower Cher Shale 4701' (-2411)

Lower Cher Lime 4722' (-2432)

Erosional Miss 4756' (-2466)

Warsaw 4768' (-2478)

Osage 4786' (-2496)

LTD 4864'

DST #2 (4728' - 4770')

30-45-30-45

Weak 1/4" blow during 1st open, no blow second open, flush tool, no help.

REC: 20' GSOCM 2% gas, 3% oil

FP: 17-27; 33-57#

SIP: 923-271#

DST #3 (4766' - 4776')

Misrun - plugged tool

DST #4 (4726' - 4779')

30-45-60-45

1 1/2" blow on 1st open, 1/2" blow on 2nd open

REC: 64' mud

FP: 22-29; 31-47#

SIP: 1341-1219#

ALLIED CEMENTING CO., INC. 6102

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

ORIGINAL

SERVICE POINT: Neosho City

DATE <u>8-4-97</u>	SEC. <u>9</u>	TWP. <u>23</u>	RANGE <u>20</u>	CALLED OUT <u>7:00pm</u>	ON LOCATION <u>9:20am</u>	JOB START <u>1:20am</u>	JOB FINISH <u>2:00am</u>
LEASE <u>Herrmann</u>		WELL # <u>1</u>	LOCATION <u>Offerle 1W 2S. E.S.</u>			COUNTY <u>Edwards</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Ocala Drilling #4

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 355

CASING SIZE _____ DEPTH 354

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15

PERFS. _____

OWNER Same

CEMENT AMOUNT ORDERED 220 6 3/4 3% cc 2% Del

COMMON	<u>132</u>	@	<u>6.35</u>	<u>838.20</u>
POZMIX	<u>88</u>	@	<u>3.25</u>	<u>286.00</u>
GEL	<u>4</u>	@	<u>9.50</u>	<u>38.00</u>
CHLORIDE	<u>7</u>	@	<u>28.00</u>	<u>196.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>220</u>	@	<u>1.05</u>	<u>231.00</u>
MILEAGE	<u>56</u>	@	<u>8.74</u>	<u>492.80</u>
TOTAL				<u>2082.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER J. W. [unclear]

224 HELPER B. Norton

BULK TRUCK

116 DRIVER D. Walls

BULK TRUCK

_____ DRIVER _____

REMARKS:

SERVICE

Circ. 8 7/8 cas max 220 6 3/4

3% cc 2% Del. Drop 21 BBL

Plug Down 2:00 am. Cement

did Circ ✓

Thanks

DEPTH OF JOB	<u>354'</u>		
PUMP TRUCK CHARGE	<u>0-300'</u>		<u>470.00</u>
EXTRA FOOTAGE	<u>54'</u>	@	<u>1.43</u> <u>23.22</u>
MILEAGE	<u>56</u>	@	<u>2.85</u> <u>159.60</u>
PLUG	<u>2-Cupwood</u>	@	<u>45.00</u> <u>45.00</u>
		@	
		@	

TOTAL \$ 697.82

CHARGE TO: Abercrombie Drilling Inc

STREET 801 Union Center

CITY Wichita STATE Ks ZIP 67202

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

TAX -0-

TOTAL CHARGE \$ 2779.82

DISCOUNT \$ 416.97 IF PAID IN 30 DAYS

Net \$ 2362.85

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. [unclear]