

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: NOT DECIDED

Operator Contact Person: Jerry A. Langrehr

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  SLOW  Temp. Abd.

Gas  EMHR  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 \_\_\_\_\_ PBD

Casing/Lead \_\_\_\_\_ Docket No. \_\_\_\_\_

Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

Other (SWD or Inj?) Docket No. \_\_\_\_\_

08-22-94 09-01-94 09-28-94

Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

API NO. 15- 203-20117-0000

**ORIGINAL**

County Wichita

SW NE Sec. 26 Twp. 20 Rge. 35  E  W

1980 Feet from S/X (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 Titus Well # 1

Field Name \_\_\_\_\_

Producing Formation Marmaton & Lansing

Elevation: Ground 3155' KB 3160'

Total Depth 5080' PBD 4577

Amount of Surface Pipe Set and Cemented at 287.46 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 1292 Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)

Chloride content 34,000 ppm Fluid volume 1200 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ 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 Jack K. Wharton

Title Vice Pres. Date \_\_\_\_\_

Subscribed and sworn to before me this 30 day of September 19 94.

Notary Public Sandra C. McCaig

Date Commission Expires 1-31-98



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
RECEIVED  
10-1-94  
DISTRIBUTION  
KCC  
KCS  
SUBMITTED  
PLUG  
KCPA  
KCPA  
(Specify)

Operator Name Abercrombie Drilling, Inc.

Lease Name Titus

Well # 1

East

County Wichita

Sec. 26 Twp. 20 Rge. 35

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 (Submit Copy.)  Yes  No

List All E.Logs Run:

See Attached

DUAL INDUCTION

DUAL COMPENSATED POROSITY

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
ANHYDRITE	2245	915
BASE ANHYDRITE	2260	900
HEEBNER	3958	-798
LANSING	4004	-0844
STARK SHALE	4317	-1157
BASE KC	4468	-1308
MARMATON	4498	-1338
BEYMER	4595	-1435
JOHNSON	4623	-1463
POROSITY		
CHEROKEE SHALE	4636	-1476
MORROW SHALE	4836	-1676
MISSISSIPPI	4921	-1761

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"	20# 7.5#	28746	60/40posmix	190	2% gel, 3% cc 2% gel
Production	7 7/8"	4 1/2"	10.5#	4616.52	50/50posmix	75	3/4% of 1% CFR-2
					Common	100	18% salt

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 To <input checked="" type="checkbox"/> Plug Off Zone	4429-33	Common	100	None

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	4520-4521	500 gal. 15%, Ins Acid	4577
	CIBP @ 4500		
4	4429-4433	500 gal. 15% MCA Acid	4500
4	4429-4431	500 gal. 15% INS Acid	4500

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil	Sbls.	Gas Mcf	Water Sbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

Vented  Sold  Used on Lease  
(if vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole  Perf.  Dually Compo.  Commingled  
 Other (Specify)

Production Interval

None Commercial

# ORIGINAL

**TITUS #1**  
**SW NE**  
**Sec. 26-20S-35W**  
**Wichita Co., Ks.**

API#15-203-20117

Anhydride	2245'	(+ 915')
B/anhydride	2260'	(+ 900')
Heebner	3958'	(- 798')
Lansing	4004'	(-0844')
Stark Shale	4317'	(-1157')
B/Kansas City	4468'	(-1308')
Marmaton	4498'	(-1338')
Beymer Zone	4595'	(-1435')
Johnson Zone	4623'	(-1463')
Cherokee Shale	4636'	(-1476')
Morrow Shale	4836'	(-1676')
Mississippian	4921'	(-1761')

## DST #1

30-45-60-60  
Strong Blow  
Recovered 25' clean oil (96% oil, 4% gas)  
32.7 Gravity  
240' oil & water cut mud (10% oil, 50% water, 40% mud)  
1345' saltwater (55,000 ppm)

IFP 108-355	ISIP 1054
FFP 434-700	FSIP 1024

## DST #2 4585'-4640'

30-30-30-30  
Weak surface blow  
Recovered 30' mud

IFP 10-10	ISIP 965
FFP 10-10	FSIP 802

## DST #3 4400-4434' (Straddle Packers)

30-45-45-60  
Strong blow  
Recovered 40' clean gassy oil (40% gas, 60% oil)  
Oil very heavy, estimated 18° gravity  
120' gassy mud cut oil (10% gas, 70% oil, 20% mud)  
860' gassy mud cut oil (10% gas, 80% oil, 10% mud)

IFP 124-228	ISIP 1140
FFP 332-436	FSIP 1150

RECEIVED  
STATE CORPORATION COMMISSION

OCT 03 1994

WICHITA COUNTY COMMISSION

Phone 913-483-2627, Russell, KS  
 Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS  
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
 Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC. 0007376

Home Office P. O. Box 31      Russell, Kansas 67665

new

ORIGINAL

Date	8-31-94	Sec.	26	Twp.	20 <sup>s</sup>	Range	35 <sup>w</sup>	Called Out	On Location	Job Start	Job Finish
									1:00 PM	8:00 PM	9:15 PM
Lease	Titus	Well No.	1	Location				Friend 14W-2N-13W-4s		County	Wichita
										State	Kan
Contractor	Abercrambie RT.D										
Type Job	Production String										
Hole Size	7 7/8	T.D.	5080'								
Csg.	4 1/2	Depth	4616.52'								
Tbg. Size		Depth									
Drill Pipe		Depth									
Tool	Part Collar	Depth	1292'								
Cement Left in Csg.	25'	Shoe Joint	25.62'								
Press Max.		Minimum									
Meas Line		Displace	✓								
Perf.											

Owner Same

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 listed.

Charge To Abercrambie

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X Flag Finish

**EQUIPMENT**

Pumptrk	No.	Cementer	Walt
	300	Helper	
Pumptrk	No.	Cementer	Wayne
		Helper	
Bulktrk		Driver	
	309		
Bulktrk		Driver	

**CEMENT**

500 gal Mud Sweep

Amount Ordered 100 sks com, 18% salt

Consisting of 75 sks 50/50 per, 2% bel, 3/4 of 1% CF

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Handling	1.00 per sk
Mileage	4¢ per sk / mile
Sales Tax	
Sub Total	
Total	

**DEPTH of Job**

Reference:	Pumptruck	
	4 1/2 Rubber Plug	
	2 25' per mile	
	Sub Total	
	Tax	
	Total	

Remarks:

Cent-Baskets on 1, 93, 114

Turbo-Cent on 2, 3, 57

Scratchers 10' apart on 3, 4, 5, 6.

Part Collar on top of 93

Float Held

Floating Equipment 4 1/2

1- Guide Shoe -

1- AFU insert -

4- Turbo-Cent -

14- Scratchers

**RECEIVED**  
 KANSAS CORPORATION COMMISSION

Thank You

OCT 10 1994



Phone 913-483-2627, Russell, KS  
 Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS  
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
 Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC. 0007697

Home Office P. O. Box 31  
 Russell, Kansas 67665

*NEW*

Date	8-22-94	Sec.	26	Twp.	20S	Range	35W	Called Out	10:15 AM	On Location	1:30 PM	Job Start	2:25 PM	Finish	2:50 PM	
Lease	TITUS	Well No.	#1	Location	FRSND 13W-2N-12W			County	WICHITA		State	KS				
Contractor	ABERNOMBIE RTO REG #4											Owner	SPAME ORIGINAL			
Type Job	SURFACE															
Hole Size	12 1/4			T.D.	289'											
Csg.	8 7/8			Depth	287'											
Tbg. Size				Depth												
Drill Pipe				Depth												
Tool				Depth												
Cement Left in Csg.				Shoe Joint												
Press Max.				Minimum												
Meas Line				Displace	✓ 17 1/4 BBL											
Perf.																

**EQUIPMENT**

Pumptrk	No.	Cementor	TERRY WAYNE
	191	Helper	
Pumptrk	No.	Cementor	
		Helper	
Bulktrk	212	Driver	R.G.
		Driver	

**DEPTH of Job**

Reference:	PUMP TRUCK	
	1-8 7/8 SURFACE Plug	
	2.25 PER MILE	
	Sub Total	
	Tax	
	Total	

**Remarks:**

*CEMENT NED CIRC.*

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.

Charge To *A.L. Abernombie, Inc.*

Street \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. \_\_\_\_\_

X *Long Fish*

**CEMENT**

Amount Ordered *190SKs 60/40 38cc 2% GEL*

Consisting of

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	

Sales Tax \_\_\_\_\_

Handling **RECEIVED**  
 KANSAS CORPORATION COMMISSION

Mileage \_\_\_\_\_

OCT 10 1994 Sub Total \_\_\_\_\_

CONSERVATION DIVISION  
 WICHITA, KS Total \_\_\_\_\_

Floating Equipment \_\_\_\_\_

*THANK YOU*

