

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

5

API NO. 15-175-20,155-0001  
County Seward  
N/2 SE/4 NE/4 26 33S 31 East  
Sec. Twp. Rge. X West

Operator: License # 5393  
Name A.L. Abercrombie, Inc.  
Address 801 Union Center  
City/State/Zip Wichita, Ks. 67202

3630 Ft North from Southeast Corner of Section  
660 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser Panhandle Eastern Pipeline

Lease Name Frederick Well # 7

Operator Contact Person Steve Frankamp  
Phone (316) 262-1841

Field Name Kismet

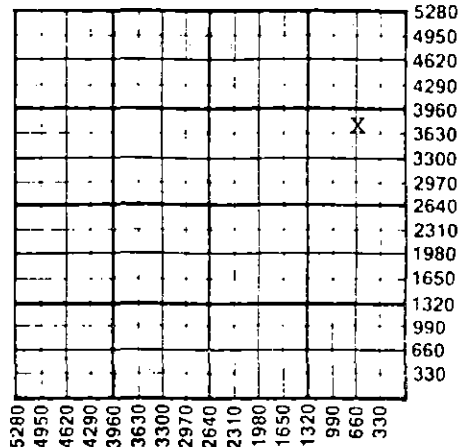
Producing Formation Council Grove

Contractor: License # 5141  
Name Zenith Drilling Corporation

Elevation: Ground 2736 KB 2741

Wellsite Geologist Jack Wharton  
Phone

Section Plat



Designate Type of Completion  
New Well Re-Entry Workover  
Oil SWD Temp Abd  
X Gas Inj Delayed Comp.  
Dry Other (Core, Water Supply etc.)

If OWD: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

WELL HISTORY

Drilling Method:  
X Mud Rotary Air Rotary Cable

7/12/71 7/24/71 8/19/71  
Spud Date Date Reached TD Completion Date

4990 2/23/88  
Total Depth PBD Recompletion

Amount of Surface Pipe Set and Cemented at 1289 feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set 3476, 48 KB feet  
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt  
Cement Company Name  
Invoice #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D. #)

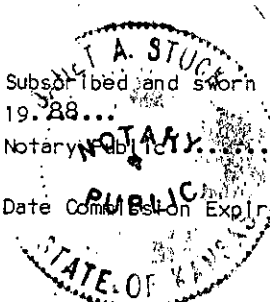
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 drillers time log shall be attached with this form. 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 Geologist Date 3/29/88

Subscribed and sworn to before me this 29th day of March 1988  
Notary Public Janet A. Stuck  
Date Commission Expires 12-29-90

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Time Log Received  
Distribution  
SWD/Rep NGPA  
Plug Other (Specify)  
RECEIVED  
STATE CORPORATION COMMISSION  
MAR 30 1988



Sec. 26 Twp. 33 Rge. 31 W

SIDE TWO

Operator Name A. I. Abercrombie, Inc. Lease Name Frederick Well # 7

Sec. 26 Twp. 33 Rge. 31  East  West County Seward

WELL LOG

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.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>DST #1 (3027-3130) 15-30-60-30 GTS/5", GAMAX 303MCF, BHP 690-650#, FP 110-130#; 120-140#.</p> <p>DST #2 (3123-3235) 15-30-60-30 GTS/3", GAMAX 847MCF, REC 510'WM, BHP 740-720#, FP150-160# &amp; 170-240#</p>	<p>Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Council Grove</td> <td>3044</td> <td>(-303)</td> </tr> <tr> <td>Heebner</td> <td>4235</td> <td>(-1494)</td> </tr> <tr> <td>Toronto</td> <td>4273</td> <td>(-1532)</td> </tr> <tr> <td>Lansing</td> <td>4390</td> <td>(-1649)</td> </tr> </tbody> </table>	Name	Top	Bottom	Council Grove	3044	(-303)	Heebner	4235	(-1494)	Toronto	4273	(-1532)	Lansing	4390	(-1649)
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CASING RECORD <input checked="" 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 Casing	12 1/4	8 5/8		1289	H. Lite	600	
Production	7 7/8	5 1/2		4985	Common	130	2% gel, 10% salt
				PERFORATION RECORD Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)      Depth			
Shots Per Foot	Specify Footage of Each Interval Perforated						
4	3189-93; 3162-65; 3149-53; 3112-16			1,000 gal. MSA acid		1,000	
	3092-16			15% HCL			
4	4855-4860			1,000 gal. 15% HCL			
TUBING RECORD Size 2"      Set At 4826      Packer at 4826				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
3/23/88		<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio		Gravity
		0 Bbls	825 MCF	0 Bbls	CFPB		

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 3092-3193, OA  
 Used on Lease (Council Grove)

Dually Completed  Commingled

Note: Wireline log sent with original drillers log on July 28, 1971. We have a Baker Model-D packer with sliding sleeve set at 4826'. Kansas City zone at 4855-4860 below packer remains open to tubing, but is shut-in. We are producing Council Grove zones from 3092-3193 through the annulus.