

# ORIGINAL

SIDE ONE

### 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, Suite 801  
City/State/Zip Wichita, KS 67202

Purchaser: \_\_\_\_\_  
Operator Contact Person: Jerry A. Langrehr  
Phone (316) 262-1841

Contractor: Name: Abercrombie Drilling, Inc.  
License: 5422

Wellsite Geologist: \_\_\_\_\_

#### Designate Type of Completion

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

If **OWO**: old well info as follows:

Operator: N/A  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

#### Drilling Method:

Mud Rotary     Air Rotary     Cable

10-20-90            11-2-90  
Spud Date            Date Reached TD            Completion Date

API NO. 15- 093-21,122  
County Kearney

C SE NW Sec. 4 Twp. 21S Rge. 35  East West  
3300' Ft. North from Southeast Corner of Section  
3300' Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

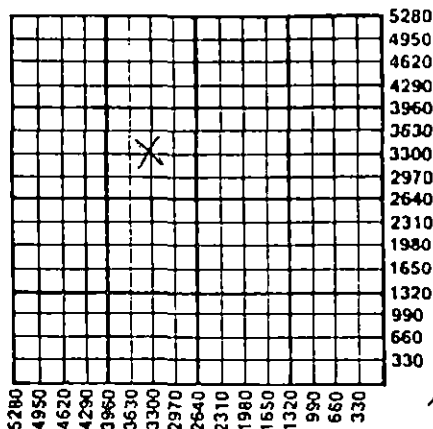
Lease Name Klein Well # 1

Field Name Wildcat

Producing Formation Marmaton

Elevation: Ground 3169' KB 3174'

Total Depth 5050' PBTD \_\_\_\_\_



Amount of Surface Pipe Set and Cemented at 216' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

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

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

**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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Sec - Treas. Date 12/3/90  
Subscribed and sworn to before me this 3rd day of December, 1990.  
Notary Public Angela Woodard  
Date Commission Expires March 20, 1993

**RECEIVED**  
K.C.C. OFFICE USE ONLY  
Letter of Confidentiality Attached  
STATE CORPORATION COMMISSION  
C \_\_\_\_\_ Drillers Timelog Received  
DEC 4 1990  
Distribution  
KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
CONSERVATION DIVISION \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
Wichita, Kansas (Specify)  
PI



12-4-90

**SIDE TWO**

Operator Name Abercrombie Drilling, Inc. Lease Name Klein Well # 1  
 Sec. 4 Twp. 21S Rge. 35  East  West  
 County Kearny

**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.)

Formation Description		
Name	Top	Bottom
Anhydrite	2241'	(+993)
Base Anhydrite	2257'	(+917)
Heebner	3955'	(-781)
Lansing	3997'	(-823)
BKC	4463'	(-1289)
Marmaton	4497'	(-1323)
Beymer	4589'	(-1415)
Johnson Zone	4620'	(-1446)
Cherokee Sand	4632'	(-1458)
Morrow Shale	4849'	(-1675)

DST #1 4460'-4508' (Marm.)  
 30-45-60-45  
 Weak blow increasing to strong  
 Rec. 60' clean oil (25° gravity)  
 150' OCM  
 IFPs 33-56 ISIP 493 (Continued)  
 FFPs 45-78 ESTP 472 Temp 103°

**CASING RECORD**  New  Used  
 Report all strings set-conductor, surface, intermediate, production, etc.

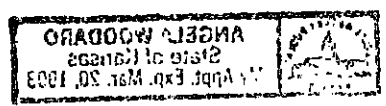
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	20#	216'	60-40pozmix	170	2%gel 3%cc

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

**TUBING RECORD** Size Set At Packer At Liner Run  Yes  No

Date of First Production	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	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
**METHOD OF COMPLETION**  Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_  
 Production Interval \_\_\_\_\_



# ORIGINAL

DST #2 4512'-4524' (Marmaton)

30-30-30-30

Rec. 15' mud

IFPs 22-22      ISIP 557

FFPs 22-22      FSIP 547

DST #3 4528'-4578' (Middle Marmaton)

30-30-30-30

Weak blow 20", died

Rec. 5' mud

IFPs 33-33      ISIP 45

FFPs 33-33      FSIP 45    Temp 103°

DST #4 4583'-4608'

30-30-30-30

Weak blow

Rec. 10' mud

IFPs 11-11      ISIP 22-22

FFPs 11-11      FSIP 22-23    Temp 103°

DST #5 4720'-4793' (Cherokee)

30-45-60-45

Weak blow 30", 2nd open weak blow increasing to fair. Rec. 450' gip, 15' cl. gassy oil (30° gravity, 35' OCM (30% oil 70% mud)

IFPs 49-39      ISIP 237

FFPs 54-49      FSIP 936

RECEIVED  
STATE CORPORATION COMMISSION

DEC 4 1990

CONSERVATION DIVISION  
Wichita, Kansas