

21-6-21W *Ind*

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

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

Purchaser

Operator Contact Person Jack L. Partridge
Phone 316-262-1841

Contractor: License # 5422
Name Abercrombie Drilling, Inc.

Site Geologist.....Mark R. Galyon.....
Phone.....376-262-1841.....

Designate Type of Completion

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

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If OWNID: old well info as follows:
  Operator .....
  Well Name ..... N/A .....
  Comp. Date ..... Old Total Depth.....

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WELL HISTORY

Drilling Method: X Mud Rotary ___ Air Rotary ___ Cable
9-18-87 9-24-87 9-24-87

Spud Date Date Reached TD Completion Date

3880'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at...243 feet
Multiple Stage Cementing-Collar Used? Yes X No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from...243.....feet depth to surface w/. 175 SX cmt
Cement Company Name
Invoice #

065-22,408
API NO. 15.....
County.....Graham.....
SW NE SE 21 6 21 East
..... Sec. Twp. Rge. X west

1650..... Ft North from Southeast Corner of Section
2310..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name.....Pennington.....Well #..1.....

Field Name.....

Producing Formation.....

Elevation: Ground.....2291.....KB...2296.....

Section Plot

The figure is a 16x16 grid. The vertical axis (left and right) is labeled with values: 330, 660, 990, 1320, 1650, 1980, 2310, 2640, 2970, 3300, 3630, 3960, 4290, 4620, 4950, and 5280. The horizontal axis (top and bottom) is labeled with the same values. A single 'x' mark is located at the intersection of the 1650 row and the 2310 column.

WATER SUPPLY INFORMATION

Disposition of Produced Water: _____ Disposal
Docket # Repressuring

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

X Surface Water.....3960 Ft North from Southeast Corner
(Stream, pond etc).....3960 Ft West from Southeast Corner
Sec 9 Twp 6 Rge 21 East X West

X Other (explain)..... Ray Voss
(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.

SIDE TWO

21-6-21W

Operator Name A. L. Abercrombie, Inc. Lease Name Pennington Well # 1

Sec. 21 Twp. 6 Rge. 21 ☐ East ☒ West County Graham

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.

Drill Stem Tests Taken ☒ Yes ☐ No
 Samples Sent to Geological Survey ☒ Yes ☐ No
 Cores Taken ☐ Yes ☒ No

Formation Description
☒ Log ☐ Sample

DST #1 (3507'-3553'): Toronto; 30-45-30-45; Rec. 15' mud; IFP 51-51; FFP 51-51; ISIP 1030; FSIP 959
 #2 (3550'-3635') (A-thur E Zones) 30-45-60-45 Rec. 124' mud, 626' muddy SW; IFP 62-134; FFP 165-280; ISIP 1174; FSIP 1143
 DST #3 (3696'-3750') 30-30-30-30; Rec. 10' mud; IFP 31-31; FFP 31-31; ISIP 41; FSIP 41

Name	Top	Bottom
Anhydrite	1950 (+346)	
Base Anhydrite	1982 (+314)	
Heebner	3521 (-1225)	
Toronto	3545 (-1249)	
Lansing	3565 (-1269)	
BKC	3751 (-1455)	
Arbuckle	3842 (-1546)	
LTD	3881	
DTD	3880	

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	243	Common	175	3% c.c. 2% gel

PERFORATION RECORD

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

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TUBING RECORD Size Set At Packer at Liner Run ☐ Yes ☐ No

Date of First Production Producing Method

☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....