

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-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.

Wellsite Geologist Mark R. Galyon
Phone 316-262-1841

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

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

WELL HISTORY

Drilling Method:
 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 No
If yes, show depth set
If alternate 2 completion, cement circulated from 243 feet depth to surface w/ 175 SX cmt
Cement Company Name
Invoice #

API NO. 15-065-22,408-0000
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)

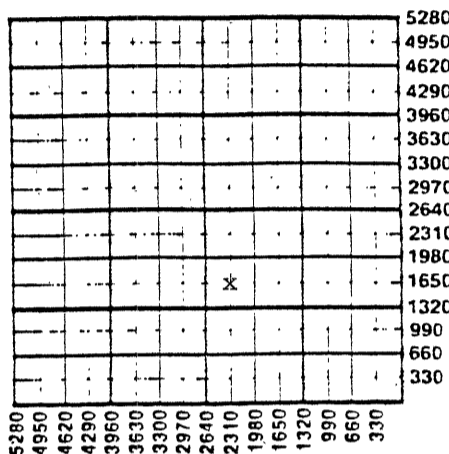
Lease Name Pennington Well #. 1

Field Name

Producing Formation

Elevation: Ground 2291 KB 2296

Section Plat



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

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

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.

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 Jack K. Wharton, Secy/Treas Date 10-16-87

Subscribed and sworn to before me this 16th day of October 1987
Notary Public Clarice M. Mize
Date Commission Expires November 28, 1988

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)
OCT 20 1987
Form ACO-1 (5-86)

Sec 11 Twp 6 Rge 2102

1020-87

SIDE TWO

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

DST #2 (3550'-3635') (Arthur 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 <input 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	12-1/4	8-5/8	20	243	Common	175	3% c.c. 2% gel
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 <input type="checkbox"/> Yes <input type="checkbox"/> 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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled