

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

Operator: License # 32457Name: Abercrombie Energy, LLCAddress 150 N. Main, Suite 801City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Steve FrankampPhone (316) 262-1841Contractor: Name: Pickrell Drilling Co., Inc.License: 5123Wellsite Geologist: RICHARD DAVIS, JR.

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☒ Oil ☐ SLD ☐ SIOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGM☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj.☐ Plug Back ☐ PBDT☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SLD or Inj?) ☐ Docket No. _____

6-12-00

6-20-00

6-23-00

Spud Date

Date Reached TD

Completion Date

API NO. 15- 171-205480000County Scott100'-E of C SW NW Sec. 12 Twp. 18S Rge. 32 ☒ E ☐ W1980 Feet from S ☒ (circle one) Line of Section760 Feet from E ☒ (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, ☒ NW or SW (circle one)Lease Name Schowalter Well # 4-12Field Name Beckley NorthProducing Formation CherokeeElevation: Ground 2966' KB 2971'Total Depth 4660' PBDT _____Amount of Surface Pipe Set and Cemented at 317 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 1941 FeetIf Alternate II completion, cement circulated from 1941feet depth to DV w/ 450 sx cmt.Drilling Fluid Management Plan ALT 2 97 8/31/00
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Sealing method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quart. SW S Rng. 32 E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 Steve FrankampTitle Exec Vice Pres of Abercrombie RTD, Inc., Manager 7-27-00Subscribed and sworn to before me this 27th day of July,
19 2000.Notary Public Sandra C. McCaigDate Commission Expires 1-31-02

K.C.C. OFFICE USE ONLY
F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☒ Geologist Report Received

Distribution

☐ KCC
☐ KGS☐ SLD/Rep
☐ Plug☒ NGPA
☐ Other
(Specify)

Form ACO-1 (7-91)

SANDRA C. MCCAIG
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 1-31-02

Operator Name Abercrombie Energy, LLCLease Name SchowalterWell # 4-12Sec. 12 Twp. 18S Rge. 32☐ East☒ WestCounty Scott

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 ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)List All E.Logs Run: Dual Induction
Compensated Density
Gamma Ray-neutron Correlation
Microlog☒ Log Formation (Top), Depth and Datums ☐ Sample

Name Top Datum

See attached

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"	23#	317'	60-40 Poz	200	2% gel, 3% cc
Production	7 7/8"	4 1/2"	9.5#	4654.5'	ASC 50-50 Poz	100 50	10% salt, 3 3/4% oil, 1% CFR-2, 7% gel/sx, 2% gel
DV Tool				194'	Lite	450	1/4# FS

ADDITIONAL CEMENTING/SQUEEZE RECORD

15 In RH

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 TD				
<input type="checkbox"/> Plug Off Zone				

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	4582'-4586'	500 gal 15% MCA	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	4622'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
7/15/2000	<input type="checkbox"/> Flowing <input checked="" 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
	80		10		29°

Disposition of Gas: METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 4582-86☐ Other (Specify) _____

ABERCROMBIE ENERGY, LLC

150 N. MAIN, SUITE 801

WICHITA, KANSAS 67202

(316)262-1841

SCHOWALTER #4-12

100' E OF C SW NW

SEC 12-18S-32W

SCOTT CO., KS

OPERATOR: Abercrombie Energy, LLC

CONTRACTOR: Pickrell Drilling Co., Inc.

RIG #:10

JOB #:

Abercrombie Energy, LLC

150 N. Main, Suite 801

Wichita, KS 67202

316-262-1841

ELEVATION: GL 2966'

KB 2971'

API #15-171-20,548

PAGE 1

06-12-00 MIRT

ENERGY
SHOWALTER
#3-12

WABASH
SCHOWALTER
#4

06-13-00 (On 6/12) Spud @ 4:45 p.m. Drilled 12 1/4" hole to 317'. Set new 23#, 8 5/8" @ 312' w/200 sks 60-40 poz, 2% gel, 3% cc, PD @ 10:45 p.m. Cement circ. Cement by Allied, ticket #5555. Survey @ 317' was 1/2° deviation. (On 6/13) WOC.

SAMPLE TOPS:

Anhydrite	2302 (+669)	-10
Base/Anhydrite	2321 (+650)	-12
HB	3916 (-945)	-21
LAN	3964 (-993)	-20
MNCK	4140 (-1169)	-29
STK	4237 (-1266)	-34
BIKC	4319 (-1348)	-35
MARM	4366 (-1395)	-36
PAW	4447 (-1476)	-29
MYST	4479 (-1508)	-30
FS	4496 (-1525)	-30
CHER	4521 (-1550)	-33
JOHN	4566 (-1595)	-38
STRICKERT	4587 (-1616)	-37
MISSISSIPPI	4595 (-1624)	-26
RTD	4660	

FLAT
+1
-5
-6
-11
-10
-9
-7
-4
-5
-4
-5
-5
-6
+10

06-14-00 1885' - Drilling.

06-15-00 2955' - Drilling.

06-16-00 3465' - Drilling.

LOG TOPS:

HEEB	3914 (-943)	-19
LANS	3961 (-990)	-17
MUN CR	4138 (-1167)	-27
STARK	4235 (-1264)	-32
B/KC	4319 (-1348)	-35
MARM	4361 (-1390)	-31
PAW	4445 (-1474)	-27
FT SCOTT	4495 (-1524)	-29
CHER SH	4518 (-1547)	-30
JOHNSON	4560 (-1589)	-32
STRICKERT	4582 (-1611)	-32
MISS	4595 (-1624)	-26
LTD	4658	

-3
-3
-9
-8
-9
-2
-2
-3
-2
+1
-1
+10

06-18-00 4416' - Drilling.

06-19-00 4592' - Drilling. GIH for DST.
DST #1
4570-4592
30-45-30-45
Weak blow died
REC: 1' FO; 4' OCM
FP: 15-19/20/21#
SIP: 171-690#

06-20-00 4660' - RTD. Logging has been completed.
We are running a straddle test over the
Marmaton from 4337-4405.