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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

COPY

Operator: License # 32457
Name: ABERCROMBIE ENERGY, LLC
Address: 150 N. MAIN, SUITE 801
City/State/Zip: WICHITA, KS 67202-1383
Purchaser: REGENCY GAS SERVICES
Operator Contact Person: DON BEAUCHAMP
Phone: (316) 262-1841
Contractor: Name: ABERCROMBIE RTD, INC.
License: 30684
Wellsite Geologist: JON D. CHRISTENSEN

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Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

12-18-04	01-04-05	01-25-05
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 081-21558-0000
County: HASKELL
C W/2 SE Sec. 14 Twp. 28 S. R. 33 East West
1346 feet from (S) N (circle one) Line of Section
1830 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: BARBEE-GRANGER Well #: 1-14
Field Name: WILDCAT

Producing Formation: MARMATON
Elevation: Ground: 2955' Kelly Bushing: 2967'
Total Depth: 5636' Plug Back Total Depth: 5000'
Amount of Surface Pipe Set and Cemented at 1876 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.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 5,000 ppm Fluid volume 2000 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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 of 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 Franking
Title: Exec. Vice President of Abercrombie, RTD, Inc. Manager Date: 03-11-05
Subscribed and sworn to before me this 11th day of March,
20 05.
Notary Public: Deborah K. Ammerman
Date Commission Expires: 03-01-08

DEBORAH K. AMMERMAN
Notary Public - State of Kansas
My App. Expires 3-1-2008

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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Operator Name: ABERCROMBIE ENERGY, LLC Lease Name: BARBEE-GRANGER Well #: 1-14
 Sec. 14 Twp. 28 S. R. 33 East West County: HASKELL

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Borehole Compensated Sonic Log Dual Compensated Porosity Log Microresistivity Log Dual Induction Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum SEE ATTACHED <div style="text-align: center;"> KCC MAR 11 2005 CONFIDENTIAL </div>
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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	12 1/4"	8 5/8"	24#	1876'	A-Con/Class A	460/150	3% cc. 1448 flocculant, 12 bags multiseal
Production	7 7/8"	4 1/2"	10.5#	5000'	AAZ Common	175	990# salt, 132# FLA-322, 500 gal. super

ADDITIONAL CEMENTING / SQUEEZE RECORD				
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	4825' - 4833'	750 gal. 15% MCA	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
			4833'			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
03-10-05			<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	-0-	483	-0-	--	BTU 931	

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

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JON D. CHRISTENSEN
 CONSULTING GEOLOGIST
 2400 N. WOODLAWN, STE. 230
 WICHITA, KS 67220

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GEOLOGIC
 REPORT
 LOG

APT# 15-081-21558

COMPANY ABERCROMBIE ENERGY, LLC.

WELL # 1-14 BARBEE-GRANGER

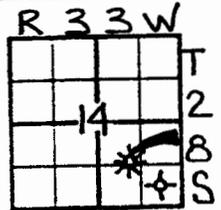
FIELD WILDCAT

LOCATION 1346' E SL & 1830' E L

SEC. 14 TWP. 28S RGE. 33W

COUNTY HASKELL

STATE KANSAS



PRODUCTION MARMATON

ELEVATION KB 2967'

DF 2964'

GL 2955'

Drilling Measured From: KB.

Samples Saved From 3800' To: TD.

Drilling Time From 3800' To: TD.

Samples Examined From: 3800' To: TD.

Geological Supervision From 3600' To Total Depth

Wellsite Geologist JON CHRISTENSEN

Electrical Surveys LOG TECH. INC.:

DIL, DUAL COMP, POROSITY, MICROLOG, SONIC

OPERATOR ABERCROMBIE ENERGY, LLC.

CONTRACTOR ABERCROMBIE RD., RIG #4

COMM: 12/18/2004 COMP: 1/3/2005

CASING RECORD

SURF: 258" e 1876' w / PROD: 4 1/2" AT TD.

TOTAL DEPTH DRILLERS: WDSK. 5636'

TOTAL DEPTH LOG 5640'

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION
HEEBNER SHALE	4081'	4086	-1119	+3'
LANSING "A"	4172'	4172	-1205	+12'
LANSING "G" POROSITY	4413'	4412	-1445	+22'
KANSAS CITY "A"	4603'	4604	-1637	+12'
MARMATON	4737'	4734	-1767	+27'
MARMATON "B"	4770'	4766	-1799	+26'
PAWNEE	4822'	4824	-1857	+24'
CHEROKEE SHALE	4861'	4862	-1895	+28'
ATOKA	4969'	4970	-2003	+27'
MORROW SHALE	5145'	5144	-2177	+15'
CHESTER	5285'	5283	-2316	+49'
ST. GENEVIEVE	5366'	5350	-2383	+46'
ST. LOUIS "B"	5508'	5511	-2544	+14'
ST. LOUIS "C"	5538'	5543	-2576	+44'

REFERENCE WELL FOR STRUCTURE BEREXCO, INC. #1-14
BARBEE: G SE SE SECTION 14-T28S-R33W
HASKELL COUNTY, KS.

Abercrombie RTD, INC.

150 N. MAIN, SUITE 801
WICHITA, KANSAS 67202
(316)262-1841

BARBEE-GRANGER #1-14

1346' FSL & 1830' FEL
Section 14-28S-33W
Haskell County, KS

KCC

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OPERATOR: Abercrombie Energy, LLC
CONTRACTOR: Abercrombie RTD, Inc.
RIG #:4
JOB #: 2004421

Abercrombie Energy, LLC
150 N. Main, Suite 801
Wichita, KS 67202
(316) 262-1841

ELEVATION: 2955' GL
2967' KB

API #15-081-21558-0000

- 12-13-04 Building location, moving rotary tools and prepare to spud tomorrow.
- 12-14-04 Did not spud - down for rig repairs.
- 12-15-04 Down for rig repairs.
- 12-16-04 Down for rig repairs.
- 12-17-04 Preparing to spud.
- 12-18-04 104' - Drilling. Drilled 104' - 24 hrs., drilling 2 hrs., RU 22 hrs. Bit #1, 12 1/4" Varel Re-run, CHGMS, SN: 199798, in @ 0'. Cut 104' - 2 hrs. Mud weight 9.8, Viscosity 38, LCM 3#. Spud @ 5:00 a.m. 12-18-04. Mud mix: gel 35 sks., lime 2 sks. Bit weight 30,000, 600# pump, rot 110, SPM 100-100.
- 12-19-04 1830' - Drilling. Drilled 1726' - 24 hrs., drilling 21 hrs., rig check 1 1/2 hrs., repairs 1 1/2 hrs. Bit #1, 12 1/4" Varel CHGMS, SN: 199798, in @ 0'. Cut 1830' - 23 hrs. Mud weight 9.8, Viscosity 35, LCM 1/2#. Mud mix: gel 84 sks., lime 3 sks., hulls 99 sks. Bit weight 38-40,000, 1000# pump, rot 110, SPM 50-50.
- 12-20-04 1879' - WOC. Drilled 49' - 24 hrs., drilling 1 1/2 hrs., trip 6 1/4 hrs., circulate 1 3/4 hrs., survey 1/4 hr., run casing 5 hrs., cementing 1 hr., WOC 8 1/4 hrs. Bit #1, 12 1/4" Varel CHGMS, SN: 199798, in @ 0', out @ 1879'. Cut 1879' - 24 1/2 hrs. Mud weight 9.8, Viscosity 35, LCM 1/2#. Daily Mud \$2,303.36, Accum. Mud \$2,303.36. Mud mix: lime 1 sk., hulls 45 sks. Deviation - 1/2° @ 1879'. Bit weight 40,000, 1200# pump, rot 110, SPM 100. Ran 37 jts. new 24# J-55 8 5/8" casing, tally 1864', set @ 1876', cemented w/460 sks. A-Con, 3% cc, 1/4# flocele per sk, 12 bags multi-seal. Followed w/150 sks. Class A, 3% cc, 1/4# flocele per sk. Cement circulated approx. 30 bbls. Fell back 70'. Cemented w/3 yds. Redi-mix, 3% cc. Plug down @ 10:45 p.m. 12-19-04. Job by Acid Services.
- 12-21-04 2413' - Drilling. Drilled 534' - 24 hrs., drilling 9 hrs., trip 1 1/4 hrs., rig check 1/2 hr., circulate 1/2 hr., cementing 1/4 hr., cellar work 2 1/2 hrs., repairs 1/2 hr., WOC 5 3/4 hrs., drill out 2 3/4 hrs., test BOP 1 hr. Bit #2, 7 7/8" HTC EP5603, SN: 5064902, in @ 1879'. Cut 534' - 9 hrs. Mud weight 9.0, Viscosity 27. Accum. Mud \$2,303.36. Mud mix: gel 40 sks., lime 1 sk. Bit weight 38,000, 950# pump, rot 80, SPM 60.
- 12-22-04 3250' - Drilling. Drilled 23 1/4 hrs., rig check 3/4 hr. Bit #2, 7 7/8" HTC EP5603, SN: 5064902, in @ 1879'. Cut 1371' - 32 1/4 hrs. Mud weight 9.4, Viscosity 37, PV/YP 7/23, Gels 9/18, pH 7.0, Chlorides 16,000, Solids 6.9%, tr/sand, LCM 4#. Daily Mud \$1,247.44, Revised Accum. Mud \$4,608.65. Mud mix: gel 100 sks., hulls 62 sks. Bit weight 38,000, 1025# pump, rot 70, SPM 60.

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Abercrombie RTD, INC.

150 N. MAIN, SUITE 801
WICHITA, KANSAS 67202
(316)262-1841

BARBEE-GRANGER #1-14

1346' FSL & 1830' FEL
Section 14-28S-33W
Haskell County, KS

OPERATOR: Abercrombie Energy, LLC
CONTRACTOR: Abercrombie RTD, Inc.
RIG #:4
JOB #: 2004421

Abercrombie Energy, LLC
150 N. Main, Suite 801
Wichita, KS 67202
(316) 262-1841

ELEVATION: 2955' GL
2967' KB

API #15-081-21558-0000

- 12-23-04 4010' - Drilling. Drilled 760' - 24 hrs., drilling 23 hrs., rig check 3/4 hr., jet pit 1/4 hr. Bit #2, 7 7/8" HTC EP5603, SN: 5064902, in @ 1879'. Cut 2131' - 55 hrs. Mud weight 8.5, Viscosity 53, PV/YP 7/23, Gels 9/18, pH 7.0, Chlorides 16,000, Solids 6.9%, tr/sand, LCM 2#. Daily Mud \$1,247.44, Accum. Mud \$4,608.65. Mud mix: gel 182 sks., caustic 2 sks., soda ash 1 sks., lignite 2 1/4 sks., drispac 1/4 sk., hulls 55 sks. Bit weight 38,000, 1050# pump, rot 70, SPM 60. Page 2
DST#1 4142' - 4203' (Lansing 'B' Zone)
30-60-60-90
Strong blow, GTS 27 min. tstm.
Recovered: 93' g&wcmud (5% gas, 25% wtr., 70% mud)
93' g&mcwtr (5% gas, 20% mud, 75% wtr)
894' gcwtr. (5% gas, 95% wtr.)
1080' Total fluid
Chlorides 90,000 ppm, mud 700 ppm.
ISIP: 1107# FSIP: 1106#
IFP: 90-273# FFP: 334-497# *HR 1975-1901*
BHT - 116°
- 12-24-04 4203' - Testing. Drilled 193' - 24 hrs., drilling 6 hrs., trip 10 3/4 hrs., rig check 1/4 hr., circulate 3 3/4 hrs., wireline 1/4 hr., repairs 1 1/2 hrs., PU test tool 1 1/2 hrs. Bit #2, 7 7/8" HTC EP5603, SN: 5064902, in @ 1879', out @ 4203'. Cut 2324' - 61 hrs. Mud weight 9.0, Viscosity 45, LCM 2#. Accum. Mud \$4,608.65. Mud mix: gel 35 sks., caustic 3 sks., soda ash 2 sks., lignite 1 1/4 sks., drispac 1/3 sk., hulls 15 sks. Deviation - 1° @ 4203'. Bit weight 40,000, 1100# pump, rot 72, SPM 60.
- 12-25-04 4203' - Rig shut down for Christmas. Trip 1 3/4 hrs., testing 4 1/2 hrs., lay down test tool 1/2 hr., drain up 2 1/2 hrs.
- 12-27-04 4460' - TOH for DST #2. Drilled 249' - 24 hrs., drilling 10 1/4 hrs., trip 2 3/4 hrs., rig check 1/4 hrs., circulate 4 1/2 hrs., wireline 1/4 hr., RU 2 hrs., off for Christmas 4 hrs. Bit #2, 7 7/8" HTC EP5603, SN: 5064902, in @ 1879'. Cut 2581' - 71 1/4 hrs. Mud weight 9.1, Viscosity 40, PV/YP 13/16, Gels 13/34, Water loss 8.8, pH 9.0, Chlorides 700, Solids 4.2%, tr/sand, LCM 3#. Daily Mud \$2,610.95, Accum. Mud \$7,219.60. Mud mix: gel 161 sks., caustic 3 sks., lignite 5 sks., drispac 1 sk., hulls 62 sks. Bit weight 38,000, 1050# pump, rot 70, SPM 60. Strapped pipe @ 4203' - made 4' down hole correction.
DST#2 4416' - 4460' (Lansing 'G' Zone)
50-30-30-45
Strong blow
Recovered: 80' water cut mud w/spots oil (1% gas, 29% wtr, 70% mud)
1600' sli gas cut & mud cut wtr. w/oil spots (5% gas, 5% mud, 90% wtr)
Chlorides 120,000 ppm
ISIP: 1267# IFP: 477-989#
FSIP: 1259# FFP: 1042-1152#

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HR 2348-2103

Abercrombie RTD, INC.

150 N. MAIN, SUITE 801
WICHITA, KANSAS 67202
(316)262-1841

BARBEE-GRANGER #1-14

1346' FSL & 1830' FEL
Section 14-28S-33W
Haskell County, KS

OPERATOR: Abercrombie Energy, LLC
CONTRACTOR: Abercrombie RTD, Inc.
RIG #:4
JOB #: 2004421

Abercrombie Energy, LLC
150 N. Main, Suite 801
Wichita, KS 67202
(316) 262-1841

ELEVATION: 2955' GL
2967' KB

API #15-081-21558-0000

- 12-28-04 4650' - Drilling. Drilled 190' - 24 hrs., drilling 9 1/4 hrs., trip 8 1/2 hrs., rig check 1/2 hr., circulate 1 1/4 hrs., testing 2 3/4 hrs., p/u & lay down test tool 1 3/4 hrs. Bit #2, 7 7/8" HTC EP5603, SN: 5064902, in @ 1879'. Cut 2771' - 80 1/2 hrs. Mud weight 9.2, Viscosity 49, PV/YP 14/17, Gels 14/35, Water loss 11.2, pH 9.5, Chlorides 2,100, Solids 4.8%, tr/sand, LCM 3#. Daily Mud \$1,514.70, Accum. Mud \$8,734.30. Mud mix: gel 56 sks., caustic 6 sks., soda ash 2 sks., lignite 4 sks., drispac 1 sk., hulls 30 sks. Bit weight 40,000, 1000# pump, rot 75, SPM 58. 4769-78' (fossiliferous lime w/75 unit gas kick and show oil)
DST #3 4751' - 4783' (Marmaton 'B' Zone)
30-60-45-90
1st opening - GTS 2 min., gauged: 381 MCF/8 min., 459 MCF/18 min., 483 MCF/28 min.
2nd opening - 490 MCF/10 min., 545 MCF/20 min. & stabilized.
Recovered: 278' muddy water (40% mud, 60% wtr) Note: Recovery in drill collars - 1.37 bbls.; total fluid - 0.82 bbls. saltwater/0.55 bbls. mud.
Chlorides 200,000 ppm. Mud system 4300 ppm.
ISIP: 1440# IFP: 537-487#
FSIP: 1438# FFP: 268-269# *NP 2350-2317*
BHT - ~~119~~°(20)
- 12-29-04 4783' - TIH after DST #3. Drilled 133' - 24 hrs., drilling 6 1/4 hrs., trip 9 3/4 hrs., rig check 1/4 hr., circulate 1 1/2 hrs., testing 4 1/4 hrs., p/u & lay down tool 2 hrs. Bit #2, 7 7/8" HTC EP5603, SN: 5064902, in @ 1879'. Cut 2904' - 86 3/4 hrs. Mud weight 9.2, Viscosity 49, PV/YP 14/18, Gels 14/3, Water loss 11.2, pH 9.0, Chlorides 4,300, Solids 6.1%, tr/sand, LCM 3#. Daily Mud \$1,138.52, Accum. Mud \$9,872.82. Mud mix: gel 59 sks., caustic 2 sks. soda ash 2 sks., lignite 1 sk., hulls 45 sks., multi-seal 1 sk. Deviation - 1° @ 4783'. Bit weight 40,000, 1050# pump, rot 75, SPM 58.
4826 - 29 (fair poor w/show gas - 16 unit gas kick)
DST #4 4810' - 4843' (Pawnee)
OP: 30-60-45-90
1st opening - GTS 2 min., gauged: 631 mcf/10 min, 772 mcf /20 min., , 873 mcf/ 30 min.
2nd opening - gauged: 569 mcf/5 min., 772 mcf, 15 min, 839 mcf/25 min. & stabilized.
Recovered: 186' (0.92 bbls) GCM (5% gas, 95% mud).
ISIP: 1468# IFP: 260/286#
FFP: 190/224# FSIP: 1464# *NP 2389-2313 BHT 114*
- 12-30-04 4843' - Circulate & condition hole. Drilled 60' - 24 hrs., drilling 3 3/4 hrs., trip 12 hrs., rig check 1/2 hr., circulate 2 1/2 hrs., testing 4 hrs., p/u & lay down test tool 1 1/4 hrs. Bit #2, 7 7/8" HTC EP5603, SN: 5064902, in @ 1879'. Cut 2964' - 90 1/2 hrs. Mud weight 8.9, Viscosity 52, PV/YP 14/19, Gels 14/36, Water loss 8.8, pH 10, Chlorides 4100, Solids 4%, tr/sand, LCM 3#. Daily Mud \$1,178.70, Accum. Mud \$11,051.52. Mud mix: gel 12 sks., caustic 2 sks., soda ash 2 sks., lignite 4 sks, drispac 1/3 sk., hulls 10 sks., cider Fib 1 sk., Multi-seal 1 sk. Bit weight 40,000, 1025# pump, rot 72, SPM 60.

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1346' FSL & 1830' FEL
Section 14-28S-33W
Haskell County, KS

OPERATOR: Abercrombie Energy, LLC
CONTRACTOR: Abercrombie RTD, Inc.
RIG #:4
JOB #: 2004421

Abercrombie Energy, LLC
150 N. Main, Suite 801
Wichita, KS 67202
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ELEVATION: 2955' GL
2967' KB

API #15-081-21558-0000

12-31-04 5023' - Tripping out of hole with DST #5. Drilled 180' last 24 hours, drilling 11 1/4 hrs, trip 5 hrs, rig check 1/4 hr, circulate 2 1/4 hrs, testing 4 hrs, survey 1/4 hr, pick up test tool 1 hr. Bit #2, 7 7/8" HTC EP5603, SN: 5064902, in @ 1879'. Cut 3144' in 101.25 hours. Mud weight 9.0, Viscosity 51, PV/YP 14/19, Gels 14/38, Water loss 9.6, pH 9.5, Chlorides 4400, Solids 4.6%, trace sand, LCM 3#. Daily Mud \$525.52. Accum. Mud \$11,577.04. Mud mix: gel 90 sx, caustic 4 sx, soda ash 6 sx, lignite 3 sx, Drispac 2/3 sx, hulls 20 sx, cider fib 2 sx, multi-seal 2 sx. Bit weight 42,000# @ 72 RPM, pump pressure 1025# # 60 SPM. Dev survey @ 5023' = 1 degree. Page 4

DST #5: 4981-5023 (Atoka)

30-60-60-90

Blow off bottom (BOB) 9 minutes on first open; no blow on first shut-in; BOB immediately on second open; no blow back; NO GAS TO SURFACE.

Recovered: 1' drilling mud w/ slight show gas in pipe

ISIP: 1206#

IFP: 21-23#

FSIP: 1450#

FFP: 15-21#

HP 2417-2438 BHT 124

01-01-05 5315' - Drilling. Drilled 292' - 24 hrs., drilling 18 1/4 hrs., trip 3 1/2 hrs., rig check 3/4 hr., circulate 3/4 hr., rig up test tool 3/4 hr. Bit #2, 7 7/8" HTC EP5603, SN: 5064902, in @ 1879'. Cut 3436' - 119 1/2 hrs. Mud weight 9.2, Viscosity 58, PV/YP 15/20, Gels 15/42. Water loss 8.8, pH 10, Chlorides 4,600, Solids 6.1%, tr/sand, LCM 3#. Daily Mud \$1,717.50, Accum. Mud \$13,294.54. Mud mix: gel 108 sks., caustic 4 sks., soda ash 2 sks., lignite 1 1/2 sks., drispac 1/3 sk., hulls 35 sks., cider fib 2 sks., multi-seal 2 sks. Bit weight 33,000, 775# pump, rot 70, SPM 50. 5196' - 5200' poor-fair por w/sso (25 unit gas kick).

DST #6: 5134 - 5328 (Morrow)

30-60-30-60

Weak blow 40 min and died. Recovered: 40' drilling mud.

ICIP: 85#

IFP: 37/40#

FCIP 72#

FFP: 43/58#

BHT: 122°

HP 2541-2414

01-02-05 5350' - Drilling. Drilled 22' - 24 hrs., drilling 3 hrs., trip 10 3/4 hrs., circulate 3 1/5 hrs., testing 3 1/2 hrs., survey 1/4 hr., WOTester & PU Test tool 2 1/2 hrs., wash & ream 50' to bottom 3/4 hr. Bit #2 7 7/8" HTC EP5603, SN: 5064902, in @ 1879', out @ 5328'. Cut 3449' - 120 hrs. Bit #3, 7 7/8 Hughes GX25, SN: 5056954, in @ 5328'. Cut 22' - 2 1/2 hrs. Mud weight 9.2, Viscosity 60, PV/YP 15/23, Gels 15/47, Water loss 7.2, pH 10.0, Chlorides 2900, Solids 6.2%, tr/sand, LCM 4#. Daily Mud \$1,565.86, Accum. Mud \$14,860.40. Mud mix: gel 64 sks., caustic 2 sks., soda ash 3 sks., lignite 3 sks., drispac 1/3 sk., hulls 15 sks., cider fib 1 sk., multi-seal 1 sk. Bit weight 40,000, 1300# pump, rot 66, SPM 50.

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KCC WICHITA

Abercrombie RTD, INC.
150 N. MAIN, SUITE 801
WICHITA, KANSAS 67202
(316)262-1841

BARBEE-GRANGER #1-14

1346' FSL & 1830' FEL
Section 14-28S-33W
Haskell County, KS

OPERATOR: Abercrombie Energy, LLC
CONTRACTOR: Abercrombie RTD, Inc.
RIG #:4
JOB #: 2004421

Abercrombie Energy, LLC
150 N. Main, Suite 801
Wichita, KS 67202
(316) 262-1841

ELEVATION: 2955' GL
2967' KB

API #15-081-21558-0000

- 01-03-05 5537' - Testing. Drilled 187' - 24 hrs., drilling 12 3/4 hrs., trip 5 hrs., rig check 3/4 hr., circulate 1 1/2 hrs., testing 2 3/4 hrs., PU test tool 1 1/4 hrs. Bit #3, 7 7/8 Hughes GX25, SN: 5056954, in @ 5328'. Cut 209' - 15 1/4 hrs. Mud weight 9.2, Viscosity 55, PV/YP 15/23, Gels 15/47, Water loss 7.2, pH 10.0, Chlorides 2900, Solids 6.2%, tr/sand, LCM 3#. Daily Mud \$1,216.62. Accum. Mud \$16,077.02. Mud mix: caustic 3 sks., hulls 10 sks., cider fib 1 sk., Multi-seal 1 sk. Deviation survey 1° @ 5537'. Bit weight 40,000, 1300# pump, rot 68, SPM 50. 5508' - 5533' (oolitic lime with slight show gas) Page 5
- DST #7: 5504' - 5537' (ST.L "B" Zone)
30 60 30 60
Weak blow for 24 min. & died. Recovered 30' mud.
ICIP: 1553# IFP: 21-29#
FCIP: 1473# FFP: 32-36# BHT: 132° ~~W~~ 2756-2637
- 01-04-05 5636' RTD - Logging. Drilled 99' - 24 hrs. Drilling 8 1/2 hrs., trip 7 3/4 hrs., rig check 1/2 hr., circulate 1 1/2 hrs., wireline 1/2 hr., testing 3/4 hr., logging 4 1/2 hrs. Bit #3, 7 7/8" Hughes GX25, SN: 5056954, in @ 5328', out @ 5636'. Cut 308' - 23 3/4 hrs. Mud weight 9.3, Viscosity 57, PV/YP 15/22, Gels 15/45, Water loss 7.6, pH 10.5, Chlorides 3,100, Solids 7.1%, tr/sand, LCM 3#. Daily Mud \$460.85, Accum. Mud \$17,008.88. Mud mix: gel 13 sks., caustic 2 sks., hulls 14 sks., cider fib 5 sks., multi-seal 1 sk. Deviation - 1 1/4° @ 5636'. Bit weight 44,000, 1100# pump, rot 64, SPM 50. LTD - 5640'. Preparing to run 4 1/2" casing.
- 01-05-05 5636' RTD - rigging down. Logging 1 1/4 hrs, trip pipe 3 hrs, circulate to condition hole 2 1/2 hrs, lay down drill pipe 7 1/4 hrs, rig up casing crew 1 3/4 hrs, run casing 5 3/4 hrs, rig up cementers 1/2 hr, cementing 2 hrs. No mud check. Ran 119 joints (5002') 10.5# 4 1/2 production casing, set at 5000', landed plug @720#, cemented w/500 gal superflush followed by 175 sx AA2 common w/990# salt & 132 lbs FLA-322, plug down @ 7:00 am 01/05/05, 25sx 60/40 pozmix in mousehole & rathole. Job by Acid Services. Rig released @ 10:30 a.m. 01-05-05.

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