



Operator Name: Castelli Exploration, Inc. Lease Name: Merrill Ranch Well #: 1-4  
 Sec. 4 Twp. 34 S. R. 16  East  West County: Comanche

**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:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3987</td> <td>-2318</td> </tr> <tr> <td>Lansing</td> <td>4200</td> <td>-2531</td> </tr> <tr> <td>Pawnee</td> <td>4780</td> <td>-3111</td> </tr> <tr> <td>Miss</td> <td>4888</td> <td>-3219</td> </tr> </table>	Name	Top	Datum	Heebner	3987	-2318	Lansing	4200	-2531	Pawnee	4780	-3111	Miss	4888	-3219
Name	Top	Datum														
Heebner	3987	-2318														
Lansing	4200	-2531														
Pawnee	4780	-3111														
Miss	4888	-3219														

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
Conductor		24"	54#	45'			
Surface	17 1/4"	13 3/8"	48#	312'	A-serve lite & 60/40 poz	200 & 100	3% cc cellflake, 3% cc, 2% gel.

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval
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# BASIC

energy services, L.P.

**FIELD ORDER** 17651

Subject to Correction

Date 4-2-08	Customer ID	Lease Merrill Ranch	Well # 1-4	Legal 4-345-16W
Castelli Exploration, Incorporated		County Comanche	State KS	Station Pratt
Depth		Formation	Shoe Joint 10 Feet	
Casing 7" 48lb		Casing Depth 214 Feet	TD 315 Feet	Job Type C.W.W.-Conductor
Customer Representative Galen Roach		Dealer Clarence R. Messick		
AFE Number	PO Number	Materials Received by <i>X Galen Roach</i>		DLS

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CP106	200sk	A Serv. lite.	-	\$2,500.00
P	CP103	100sk	60/40 Poz	-	\$1,100.00
P	CC102	75Lb	Cellflake	-	\$277.50
P	CC109	780Lb	Calcium Chloride	-	\$819.00
P	E101	150mi	Heavy Equipment Mileage		\$1,050.00
P	E113	975tm	Bulk Delivery		\$1,560.00
P	E100	75mi	Pickup Mileage		\$318.75
P	<del>300sk</del>				
P	CE240	300sk	Blending and Mixing Service Charge		\$420.00
P	5003	1ea	Service Supervisor		\$175.00
P	CE200	1ea	Depth Charge: 0 Feet To 500 Feet		\$1,000.00
Discounted Price =					\$7,284.00
Plus Taxes					

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TOTAL

Customer Castelli Exploration, Incorporated	Lease No. Merrill Ranch	Well # 1-4	Date 4-02-08
Field Order # 17651	Station Pratt	Casing 13 3/8 48lb	Depth 314 Feet
Type Job C.N.W - Conductor	County Comanche	State KS	Legal Description 4-343-16W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size 4 1/2	Shots/Ft 200	Acid A-Serv	Rate 500 C.C.	ISIP 25 Lb/sk cell/fl	From 13.57	To 15.05	Pre Pad 8.21
Depth 314 Feet	Depth 314 Feet	From 10.70	To 15.05	Max 1.178	Min 1.178	Max 1.61	Min 1.178	Pad 60/40 Poz
Volume 14.3 Bbl	Volume 14.3 Bbl	From 15.05	To 15.05	Avg 1.18	HHP Used 1.18	Annulus Pressure 25 Lb/sk Cell	Annulus Pressure 25 Lb/sk Cell	Flush 48 Bbl Fresh Water
Max Press 50 PSI	Max Press 50 PSI	From 15.05	To 15.05	Annulus Pressure 25 Lb/sk Cell	Annulus Pressure 25 Lb/sk Cell	Annulus Pressure 25 Lb/sk Cell	Annulus Pressure 25 Lb/sk Cell	Annulus Pressure 25 Lb/sk Cell
Well Connection 2 1/8 Wedge	Annulus Vol. 2 1/8 Wedge	From 15.05	To 15.05	Annulus Pressure 25 Lb/sk Cell	Annulus Pressure 25 Lb/sk Cell	Annulus Pressure 25 Lb/sk Cell	Annulus Pressure 25 Lb/sk Cell	Annulus Pressure 25 Lb/sk Cell
Plug Depth 304 Feet	Packer Depth 304 Feet	From 15.05	To 15.05	Annulus Pressure 25 Lb/sk Cell	Annulus Pressure 25 Lb/sk Cell	Annulus Pressure 25 Lb/sk Cell	Annulus Pressure 25 Lb/sk Cell	Annulus Pressure 25 Lb/sk Cell

Customer Representative Galen Roach	Station Manager David Scott	Treater Clarence R. Messick
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Service Units 19,870	19,903	19,905	19,931	19,962					
Driver Names Messick	Mattal	Shields							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:15					Cementer on location.
1:30					Duke Drilling start to run 7 Joints new 48lb/ft 13 3/8 casing.
1:30					Trucks on location and hold safety meet.
2:20					Casing in well. Circulate for 15 minutes.
2:40	200			5	Start Fresh Water Pre-Flush.
	200		10	5	Start mixing 200 sacks A-Servlite Cement.
2:51	150		67	5	Start mixing 100 sacks 60/40 Poz cement.
2:56	50		88	5	Start Fresh Water Displacement.
3:05	150		136		Stop pumping, shut in well.
					Circulated 15 sacks cement to pit.
					Washup pump truck.
3:30					Job Complete.
					Thank You.
					Clarence, Mike, Billy

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Coldwater 92491 Ag Rd dd - 45-2C-7 1/2 SE 10 Merrell Ranch Sign 1 1/2 S

# BASIC

energy services, L.P.

**FIELD ORDER** 18167

Subject to Correction

Date 4-9-08	Customer ID	Lease Merrell Ranch	Well # 1-4	Legal 4-34-16
CHARGE		County Comanche County	State KS	Station Pratt
Castell. EXPLORATION		Depth	Formation	Shoe Joint
		Casing	Casing Depth	TD
		Customer Representative	Job Type CNW-PTA	
			Treater Steve (Doland)	
AFE Number	PO Number	Materials Received by X Robert D. Runk		DLS

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CP103	2005K	60/40 Poz	-	2200.00
P	CC200	344Lb	Cement Gel	-	86.00
P	E101	150mi	Heavy Vehicle Mileage		1050.00
P	E113	645tn	Bulk Delivery		1632.60
P	E100	75mi	Cement Service Charge		318.75
P	CE210	2005K	Service Charge Blending & mixing		280.00
P	S003	1ea	Service Supervisor		175.00
P	CE201	1ea	Depth Charge 501-1000		1200.00
P	CE402	3 hrs	Standby Cement Pump Unit		750.00

Discontinued price plus taxes # 5602.50

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Customer Castell, Exploration	Lease No.	Date 4-9-08
Lease Massill Ranch	Well # 1-4	
Field Order # 12167	Station Pratt	Casing
		Depth
Type Job CNW-PTA New Well	Formation	County Comanche
		State OK
		Legal Description 4-34-16

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	2055k	Acid	60/40 Por	RATE	PRESS	ISIP
Depth	Depth	From	To 490	Pre Pad		Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative	Station Manager Dave Scott	Treater Steve Orlando
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Service Units	19869	19882	19812	19832	21010				
Driver Names	Orlando	Lo	104	104	104				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:30 <sup>PM</sup>					On location. Safety meeting
11:30			1st plug @ 720'	5	720' w/ 505k 60/40 Por
			20	5	H2O Ahead
			14	5	Mix 505k 60/40 Por @ 13.8"/gal
			8	5	H2O Flush
10:00			2nd plug @ 330'	5	330' w/ 905k 60/40 Por
			10	5	H2O Ahead
			23	5	Mix 905k 60/40 Por @ 13.8"/gal
			2	5	H2O Flush
12:45			3rd plug @ 60'	4	60' w/ 355k 60/40 Por
			8	4	Mix 355k 60/40 Por @ 13.8"/gal
			1	4	H2O Flush
1:30 <sup>PM</sup>			plug RH/mw		w/ 255k 60/40 Por
					Control 705k
					Subcomplets
					Thanks Steve

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