

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

21520

Handwritten notes:
4/1/09

Operator: License # 31021
Name: Castelli Exploration, Inc.
Address: 6908 N.W. 112th St.
City/State/Zip: Oklahoma City, OK 73162
Purchaser: _____
Operator Contact Person: Thomas P. Castelli
Phone: (405) 722-5511
Contractor: Name: Duke Drilling Co., Inc.
License: 5929

Wellsite Geologist: _____
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. _____

<u>04/15/08</u>	<u>04/24/08</u>	<u>06/04/08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 033-21401-0000
County: Comanche
E2 NW NW NW Sec. 4 Twp. 34 S. R. 16 East West
330 feet from S (N) (circle one) Line of Section
500 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Merrill Ranch Well #: 2-4
Field Name: Ham

Producing Formation: Mississippi
Elevation: Ground: 1693 Kelly Bushing: 1706
Total Depth: 5100 Plug Back Total Depth: 4990
Amount of Surface Pipe Set and Cemented at 309 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 AH I NR 4-22-09
(Data must be collected from the Reserve Pit)
Chloride content 27,000 ppm Fluid volume 1200 bbls
Dewatering method used Hauled off as needed
Location of fluid disposal if hauled offsite: _____
Operator Name: Oil Producers
Lease Name: Rich #9/Leon May #1-13 License No.: 8061
Quarter NE/SE Sec. 22/13 Twp. 32/35 S. R. 19/16 East West
County: Comanche Docket No.: D-28178 & D 28,472

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: Thomas P. Castelli
Title: President Date: 4/1/09
Subscribed and sworn to before me this 1st day of April
2009
Notary Public: Tisha L. Love
Date Commission Expires: 1/28/12


KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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 TISHA L. LOVE
Notary Public
State of Oklahoma
Commission # 08001005 Expires 01/28/12

Operator Name: Castelli Exploration, Inc. Lease Name: Merrill Ranch Well #: 2-4
 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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Dual Induction/Neutron Density

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Heebner	4036	-2336
Lansing	4224	-2524
Pawnee	4810	-3100
Mississippian	4912	-3212

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#	40'			
Surface	17 1/4"	13 3/8"	48#	309'	A-serve lite & 60/40 poz	200 & 100	3% cc cellflake, 3% cc, 2% gel.
Production	7 7/8"	4 1/2"	10.5#	5095'	50/50 poz, AA2	25 & 150	6% gel, .3% FR/10% salt, 5% calset

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
2 SPF	Perf Miss 4998-5001 & 5012-16	Acidize w/ 1500 gal MCA	
2 SPF	Perf Miss 4914-50	Acidize w/ 2500 gal 10% MIRA & 138 ball sealers	
1 SPF	Perf Miss 4950-70		
	Fracturing on attached sheet		

TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2 3/8"	4988			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method				
January 9, 2009			<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		
	5	15	250				

Disposition of Gas: Vented Sold Used on Lease (If vented, Submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____
 Production Interval: _____

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RU Basic Energy Svc frac equipment, frac well as follows: Stage #1; 75,000 gal pad, 2239# @ 61.7 bpm. Stage #2; 20,000 gal w/ .1# of 30/70 sand, 2137# @ 63 bpm. Stage #3; 22,000 gal w/ .2# of 30/70 sand, 2412# @ 62.8 bpm. Stage #4; 25,000 gal w/ .3# of 30/70 sand, 2399# @ 62.6 bpm. Stage #5; 32,000 gal w/ .4# of 30/70 sand, 2333# @ 62.9 bpm. Stage #6; 32,000 gal w/ .5# of 30/70 sand, 2285# @ 62.8 bpm. Stage #7; 32,000 gal w/ .6# of 30/70 sand, 2248# @ 62.9 bpm. Stage #8; 32,000 gal w/ .7# of 30/70 sand, 2216# @ 62.8 bpm. Stage #9; 32,000 gal w/ .8# of 30/70 sand, 2159# @ 62.7 bpm. Stage #10; 28,000 gal w/ .9# of 30/70 sand, 2102# @ 62.2 bpm. Stage #11; 24,000 gal w/ 1# of 16/30 sand, 1924# @ 62.3 bpm. Stage #12; 5,000 gal w/ 1.5# of 16/30 resin sand, 1917# @ 62.2 bpm. Stage #13; 2,000 gal w/ 2# of 16/30 resin sand, 1949# @ 63.2 bpm. Stage #14; 4,800 gal flush, 1949# @ 63.2 bpm. ISIP – 351#, 5 min – 250#, 10 min – 206# & 15 min – 186#.

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energy services, L.P.

FIELD ORDER 18550

Subject to Correction

Date 4-16-09	Customer ID	Lease MERRILL RANCH	Well # 2-4	Legal 4-34-16
		County COMANCHE	State KS	Station PRATT
C H A R G E	Depth 311'		Formation	Shoe Joint 15'
	Casing 13 3/8"		Casing Depth	Job Type ENW 13 3/8" Surface
	Customer Representative		Treater Robert Sullivan	

AFE Number _____ PO Number _____ Materials Received by X Golden D Ranch DLS

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CP106	200 SK	A SERV LITE	---	2,500.00
	CP103	100 SK	1/4" POZ	---	1,100.00
	CC102	75 LB	CELLTAK	---	277.50
	CC109	780 LB	CALCIUM CHLORIDE	---	89.00
	E101	150 MI	HEAVY ROAD MILEAGE	---	1,050.00
	E113	975 TM	BULK DELIVERY	---	1,560.00
	E100	75 MI	PICKUP MILEAGE	---	318.75
	CE240	300 SK	BLENDING & MIXING CHARGE	---	420.00
	S003	1 FT	SERVICE SUPERVISOR	---	175.00
	CE200	1 FT	DEPTH CHARGE 0-500'	---	1,000.00
			Discounted Price		7,284.00
			Thank you		

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Taylor Printing, Inc. • www.taylorprinting.us

COLD WATER 9E ON 160 4S 7SE TO Merrill Ranch sign

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>Coldwater 9E on 160 4S 7SE</i>	Lease No.	Date <i>4-16-08</i>
Lease <i>Merrill Ranch</i>	Well # <i>2-4</i>	
Field Order # <i>18-0</i>	Station <i>Pratt</i>	Casing <i>13 3/8</i>
	Depth <i>311</i>	County <i>Comanche</i>
Type Job <i>CNW Surface 13 3/8</i>	Formation	Legal Description <i>8-31-16</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>13 3/8</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>311</i>	Depth	From	To	Pre Pad		Max		5 Min.
Volume <i>46</i>	Volume	From	To	Pad		Min		10 Min.
Max Press <i>500</i>	Max Press	From	To	Frac		Avg		15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth <i>316</i>	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative: _____ Station Manager: *DAVE SCOTT* Treater: *Robert Sullivan*

Service Units	<i>19867</i>	<i>17806</i>	<i>Shilds</i>						
Driver Names	<i>Sealman</i>	<i>Molson</i>	<i>19826</i>	<i>19860</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1:00</i>					<i>on the setting meeting</i>
					<i>Run 7 5F 13 3/8 GR casing</i>
<i>0750</i>					<i>CASING ON BOTTOM</i>
<i>0800</i>					<i>Hook up to back size</i>
<i>0815</i>	<i>150</i>			<i>5</i>	<i>Start H² Spacer</i>
			<i>10</i>		<i>Mix 200 sk H son lde</i>
			<i>57</i>	<i>5.5</i>	<i>Mix 100 sk 60/40 D02</i>
<i>0835</i>			<i>21</i>	<i>4.5</i>	<i>Start Start Disp</i>
					<i>blow pipe</i>
<i>0845</i>	<i>250</i>		<i>46</i>	<i>3</i>	<i>Plug down Disp complete</i>
					<i>calculated 20 gbl cont to pit</i>

Job complete
Thank you

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energy services, L.P.

FIELD ORDER 18638

Subject to Correction

Date	4/24-08	Customer ID		Lease	Merril Ranch	Well #	2-4	Legal	4-34s-16w
C H A R G E	Castelli Exploration		Depth	County	Comanche	State	Ks.	Station	Pratt
			Formation	Casing	5096	Casing Depth	5096	TD	5098
			Shoe Joint	Job Type	CDW-L.S.				
			Customer Representative	Rick Papp		Treater	Bobby Drake		
AFE Number		PO Number		Materials Received by	X <i>Ludley Papp</i>				DLS

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CP105	150sk.	AA2	---	2490 ⁰⁰
P	CP103	50sk.	60/40Poz	---	550 ⁰⁰
P	CC111	770lb.	Salt (Fine)	---	385 ⁰⁰
P	CC112	43lb.	Cement Friction Reducer	---	258 ⁰⁰
P	CC115	141lb.	Gas-Blok	---	726 ¹⁵
P	CC129	43lb.	FLA-322	---	3225 ⁰⁰
P	CC201	750lb.	Gilsonite	---	5025 ⁰⁰
P	C706	5gal	C-1, KCL Substitute	---	200 ⁰⁰
P	CC111	400lb.	Salt (Fine)	---	200 ⁰⁰
P	CC185	250gal	Super Flush II	---	3825 ⁰⁰
P	CF606	1ea.	Latch Down Plug + Baffle, 4 1/2" (Blue)	---	370 ⁰⁰
P	CF1250	1ea.	Auto Fill Float Shoe, 4 1/2" (Blue)	---	330 ⁰⁰
P	CF1650	5ea.	Turbolizer, 4 1/2" (Blue)	---	425 ⁰⁰
P	E701	150mi.	Heavy Equipment Mileage	---	1050 ⁰⁰
P	E713	690tn.	Bulk Delivery Charge	---	1104 ⁰⁰
P	E700	75mi.	Pick up Mileage	---	318 ⁷⁵
P	CE240	200sk.	Bleeding + Mixing Service Charge	---	290 ⁰⁰
P	5003	1ea.	Service Supervisor	---	175 ⁰⁰
P	CE206	1ea.	Depth Charge, 5001'-6000'	---	2880 ⁰⁰
P	CE504	1ea.	Plug Container Charge	---	250 ⁰⁰
P	CE501	1ea.	Casing Summit Rental	---	200 ⁰⁰

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Discounted Price -

\$10,601³³

Customer <i>Castelli Exploration</i>	Lease No.	Date <i>4/24/08</i>
Lease <i>Merril Ranch</i>	Well # <i>2-4</i>	
Field Order # <i>14638</i>	Station <i>Pratt</i>	Casing <i>4 1/2</i>
	Depth <i>5096</i>	County <i>Cornwall</i>
Type Job <i>CNW-1.S.</i>	Formation	Legal Description <i>4-34-16W</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size	Shots/Ft	<i>Cont.</i>	Acid <i>1505K.AM2</i>	RATE	PRESS	ISIP	
Depth <i>5096</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>81</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>1500</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>6256</i>	Packer Depth	From	To	Flush <i>41 Bbl. 2% KCL</i>	Gas Volume		Total Load	

Customer Representative <i>Rick Papp</i>	Station Manager <i>Scotty</i>	Treater <i>Bobby</i>
Service Units <i>19806 19806 19831 19862</i>		
Driver Names <i>Dwayne Shontine Billy Shuckles</i>		

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<i>1030</i>					<i>On location - Safety Meeting</i>
<i>1100</i>					<i>Run Csg. 120' @ 10.5" 4 1/2" Cont. - 42,345</i>
<i>1145</i>					<i>Csg. on Bottom</i>
<i>1130</i>					<i>Hook up to Csg. - Break Circ. w/ Rig</i>
<i>1420</i>	<i>300</i>		<i>20</i>	<i>4.5</i>	<i>Salt Flush</i>
<i>1824</i>	<i>300</i>		<i>6</i>	<i>4.5</i>	<i>Super Flush II</i>
<i>1827</i>	<i>300</i>		<i>3</i>	<i>4.5</i>	<i>H2O Spacer</i>
<i>1828</i>	<i>300</i>		<i>6</i>	<i>4.5</i>	<i>Mix Cont. @ 15.0" (scavenger)</i>
<i>1830</i>	<i>300</i>		<i>40</i>	<i>5.0</i>	<i>Max AM2 Cont. @ 15.0" / gal</i>
<i>1840</i>					<i>Release Plug - Clear Pump + Lines</i>
<i>1842</i>	<i>100</i>			<i>6.0</i>	<i>Start Disp. w/ 2% KCL</i>
<i>1852</i>	<i>300</i>		<i>54</i>	<i>5.6</i>	<i>Lift Pressure</i>
<i>1856</i>	<i>1500</i>		<i>81</i>		<i>Plug Down</i>
<i>1905</i>			<i>17</i>		<i>Plug Rot + Mouse Hole</i>
					<i>Circulation Then Job</i>
					<i>Job Complete</i>

Thanks, Bobby

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