

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

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

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 _____ SLOW _____ Temp. Abd.
____ Gas _____ ENHR _____ SIGW
____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: Castelli Exploration, Inc.
Well Name: Merrill Ranch #1-4
Original Comp. Date: NA 4/09/08 Original Total Depth: 5060
 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. _____

06/27/08 7/01/08 11/19/08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 033-215190001
County: Comanche
____ W/2 NE Sec. 4 Twp. 34 S. R. 16 East West
1320 4015 feet from S (circle one) Line of Section
1980 1956 feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Merrill Ranch Well #: 1-4 SWD
Field Name: Ham


Producing Formation: N/A
Elevation: Ground: 1656 Kelly Bushing: 1669
Total Depth: 5969 Plug Back Total Depth: 5916
Amount of Surface Pipe Set and Cemented at Existing @ 312' 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 OwwO - Alt I NCR
(Data must be collected from the Reserve Pit) 1-8-09
Chloride content 34,000 ppm Fluid volume 1800 bbls
Dewatering method used Hauled Free Fluids as needed
Location of fluid disposal if hauled offsite: _____
Operator Name: Oil Producers, Inc.
Lease Name: Rich #9 License No.: 8061
Quarter _____ Sec. 20 Twp. 32 S. R. 18 East West
County: Comanche Docket No.: D-28178

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: 11/20/08
Subscribed and sworn to before me this 20th day of November
2008
Notary Public: Tisha L. Love
Date Commission Expires: 1/28/12


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

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
UIC Distribution 11/24/08
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NOV 21 2008
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Castelli Exploration, Inc. Lease Name: Merrill Ranch Well #: 1-4 SWD
 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 type="checkbox"/> Yes <input checked="" 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: Dual Induction/Compensated Density/Neutron/Cement Bond Log	<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>47800</td> <td>-3111</td> </tr> <tr> <td>Miss</td> <td>4890</td> <td>-3221f</td> </tr> <tr> <td>Viola</td> <td>5360</td> <td>-3691</td> </tr> <tr> <td>Arbuckle</td> <td>5648</td> <td>3979</td> </tr> </table>	Name	Top	Datum	Heebner	3987	-2318	Lansing	4200	-2531	Pawnee	47800	-3111	Miss	4890	-3221f	Viola	5360	-3691	Arbuckle	5648	3979
Name	Top	Datum																				
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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
Existing Conductor		24"	54#	45'			
Existing Surface	17 1/4"	13 3/8"	48#	312'	A serve lite & 60/40 poz	200 & 100	3% cc cellflake, 3% cc, 2% gel
Production	7 7/8"	5 1/2"	15.5#	5968'	AA2	215	10% salt, .8% FLA3-22, .25% defoamer

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	5648-62, 5678-98, 5712-36, 5744-56', 5808-28, 5868-74	Acidize Arb w/7000 gal 15% MCA w/225 sealer balls	
	5878-5900 & 5904-14		

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TUBING RECORD	Size Set At Packer At 2 7/8" 5631' 5635	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First Resumerd Production, SWD or Enhr. N/A WO SWD Application Approval		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 Bbls. NA	Gas Mcf NA Water Bbls. NA Gas-Oil Ratio Gravity

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 _____

Customer Castelli Exploration, Incorporated	Lease No. 1-4	Date 4-02-08
Lease Merrill Ranch	Well # 1-4	
Field Order # 12651	Station Pratt	Casing 48lb
Type Job C.N.W. - Conductor	Formation	Depth 314 Feet
		County Comanche
		State KS
		Legal Description 4-345-16W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 3 7/8	Tubing Size 4 1/2	Shots/Ft 200	Acid sacks A-Serv	Rate 1.6	Press 360 C.	SIP 25 lb/sk cell	
Depth 314 Feet	Depth	From 13.57	To 13.57	Max 8.2	Max 1.6	5 Min 1.6	
Volume 49.3 Bbl	Volume	From 100	To 100	Min 5.22	Min 1.178	10 Min 320 C.	25 lb/sk Cell
Max Press 150 PSI	Max Press	From 15.05	To 15.05	Frac 60/40 Poz	AVO 1.18	15 Min 320 C.	25 lb/sk Cell
Well Connection 2 7/8 Wedge	Annulus Vol.	From	To	HHP Used			Annulus Pressure
Plug Depth 304 Feet	Plucker Depth	From	To	Flush 48 Bbl Fresh Water	Gas Volume		Total Load

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

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:15					Cementer on location.
12:30					Duke Drilling start to run 7 Joints new 48lb/ft. 13 7/8" casing.
1:30					Trucks on location and hold safety meeting.
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-Servulite 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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Cold water lease 10/11/08 22-45-2E-75 To Merrill Ranch Siga 1 1/2 S.

BASIC

energy services, L.P.

FIELD ORDER 18405-

Subject to Correction

Date	7-1-08	Customer ID		Lease	Merrill Ranch	Well #	1-4	Legal	4-34-16
				County	Comanche	State	KS	Station	Pratt
CHARGE	Castelli Exploration Inc.			Depth		Formation		Shoe Joint	
				Casing	5 7/8	Casing Depth		TD	
				Customer Representative	Kevin Popp	Treater	Steve Orlando	Job Type	CNW-L.S.

AFE Number		PO Number		Materials Received by	X Kevin Popp	DLS
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Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CP105	205K	AA2 Cement		3320.00
P	CP103	255K	60/40 Poz		275.00
P	CC105	47Lb	Dasform		188.00
P	CC111	16382Lb	Salt		519.00
P	CC129	151Lb	FLA-322		1132.50
P	CC201	1000Lb	Gilsonite		670.00
P	C706	146gal	CC-1		616.00
P	CC111	400Lb	Salt		200.00
P	CC155	250gal	Super Plug II		382.50
P	CE607	1ea	Latch Down Plug + Balls 5 1/2		400.00
P	CE1251	1ea	Auto Fill Stop Shoe 5 1/2		360.00
P	CE1651	1ea	Turbolizer 5 1/2		660.00
P	E101	150mi	Heavy Vehicle Mileage		1050.00
P	E113	7881w	Bulk Delivery		1260.80
P	E100	75mi	Pickup Mileage		318.75
P	CE240	225K	Cement Service Charge		315.00
P	S003	1ea	Service Supervisor		175.00
P	CE206	1ea	Depth Charge 5001-6000		2880.00
P	CE504	1ea	Plug Container		250.00
P	CE501	1ea	Casing Swivel Rental		200.00
			Documented price plus taxes		11986.31

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Customer Castell, Exploration	Lease No.	Date 7-1-08
Lease Merrill Ranch	Well # 1-4	
Field Order # 18405	Station Pratt	Casing
Type Job CNU-L.S.	Formation	Depth
		County Comanche
		State KS
		Legal Description H-34-16

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2" IGA	Tubing Size	Shots/Ft 200	From 107	To 107	Acid 1.44 gal	RATE	PRESS	ISIP
Depth 5469	Depth	From 107	To 107	Pre Pad 50/64 6.1 km	Max			5 Min.
Volume	Volume	From 37	To 5	Pad 320-253	Min			10 Min.
Max Press	Max Press	From 57	To 6	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From 2	To 60	Flush 1 1/2 bbl	HHP Used			Annulus Pressure
Plug Depth 5477	Packer Depth	From	To		Gas Volume			Total Load

Customer Representative Rick Popp	Station Manager Dave Scott	Treater Steve Orlando
Service Units 27283 19242 17889 19832 21010		
Driver Names Delores Mastey Rachana		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:30 PM					On location - Safety Meeting Run 3 1/2" 15.5" casing Centralizer on 3 1/2"
					Casing on bottom - Break Circ w/air Rotate casing
2:25	300		20	5	Small Flush
2:28	300		6	5	Super Flush II
2:29	250		3	5	H2O
2:30	200		51	5	Mix 2005Kc N/A 2 @ 15"/cal Shut Down - Clear pump + line Release plug
2:38	0		0	7	Start Displacement w CC/1
2:53	300		100	6	lift pressure
2:58	600		132	5	slow Rate - Stop Rotation
3:00	1500		142	4	Plug Down - Hold

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