

D & A

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

ORIGINAL

Operator: License # 31021
Name: Castelli, Exploration, Inc.
Address: 6908 NW 112th St.
City/State/Zip: OKC, OK 73162
Purchaser: NA
Operator Contact Person: John Wright
Phone: (405) 722-5511
Contractor: Name: Val Energy
License: _____
Wellsite Geologist: Dale Padgett, Geodynamics

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: _____
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. _____
2-11-03 2-17-03 2-25-03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15. 175-21891-0000
County: Seward
E2: E2 NE 5 Sec. Twp. 35 S. 34W R. East West
1320 feet from S N (circle one) Line of Section
330 feet from E W (circle one) Line of Section

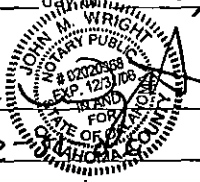
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Long Well #: 2-5
Field Name: Wide Awake
Producing Formation: Toronto
Elevation: Ground: 2911 Kelly Bushing: 2914
Total Depth: 5445 Plug Back Total Depth: 4379
Amount of Surface Pipe Set and Cemented at 1601 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 11/1/03
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used evaporation/absorption
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 reports 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: David P. Carter
Title: President Date: 2-5-28-03
Subscribed and sworn to before me this 5th day of May
2003
Notary Public: John M. Wright
Date Commission Expires: 12-31-03



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KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Castelli Exploration, Inc Lease Name: Long Well #: 2-5
 Sec. 5 Twp. 35 S. R. 34W East West County: Seward

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 (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes No (Submit Copy) List All E. Logs Run:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">Log Name</td> <td style="width:40%;">Formation (Top), Depth and Datum</td> <td style="width:30%;">Sample Datum</td> </tr> <tr> <td>Toronto</td> <td>4376</td> <td>-1462</td> </tr> </table>	Log Name	Formation (Top), Depth and Datum	Sample Datum	Toronto	4376	-1462
Log Name	Formation (Top), Depth and Datum	Sample Datum					
Toronto	4376	-1462					

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	24	1601	a-con 3%	560	
production	7 7/8	4 1/2	10 1/2	4449	145	145	

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	Toronto 4376'-88'	2000 gal 20%XTA15, 125K cf N2	

TUBING RECORD	Size Set At	Packer At	Liner Run
	2 3/8 4369		Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method.			
<u>Dry hole</u>	Flowing	Pumping	Gas Lift	Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perforated Dually Comp. Commingled
 (If vented, Sumit ACO-18.) Other (Specify)

CASTELLI EXPLORATION, INC.
 LONG #2-5
 1320 FNL 330' FEL NW/4 Sec 5-35S-34W
 Seward Co, Kansas

2911' GL
 2916' KB

Completion Report – Drill & run production csg

- 02-11-03 7:00 am – Drlg @ 1025', prog 1025' in 9 hrs. RU Val Energy, Inc. Rig #1 02-10-03. Start drilling 02-10-03. Drilling ahead. Mud wt: 9.7, Mud vis: 33, LCM: 4. Conn – 5 hrs, rig up – 8.5 hr, & repairs – 1.5 hr. GeoDynamic logging trailer on location.
- 02-12-03 7:00 am – WOC, prog 585' in 9 hrs, conn - 1.75 hrs, trip – 1.25 hrs, run 8-5/8" – 1 hr, cement – 1.25 hrs, cement w/ 1" - .50 hrs, rig repair - .50 hrs & WOC – 7.50 hrs. Cut 1610' of 12 1/4" hole w/ survey of 1/2 deg. Ran 37 jts of new 8-5/8" 24# R-3 csg. Talley 1591' & set @ 1601'. RU Acid Services. Cement w/ 410 sx A-Con 3% cc & 1/4# floseal /sx, followed w/ 150 sx common 3% cc & 1/4# floseal /sx. Lost circulation w/ 30 bbl of displacement pumped but got it back. Lost circulation again w/ 70 bbl of displacement pumped & didn't get it back. After plug down @ 11:00 pm 02-11-03, cement 40' from surface. Ran 1" & cemented w/ 150 sx 60/40 poz 3% cc & 1/4# floseal / sx. Cement stayed @ surface. WOC 8 hrs & drill ahead. DMC=\$1428.00 CMC=\$1428.00
- 02-13-03 7:00 am – Drlg @ 2410', prog 800' in 14.75 hrs, rig check – 2.50 hrs, drill plug & cement – 1.75 hrs, repairs – 1.25 hrs & WOC – 3.75 hrs. Mud vis: 27, Mud wt: 8.8, WL: n/c, PH: 7.0, Chl: 2400, Cal: 60 & Solids: 3.6. DMC=\$470.00 CMC=\$1898.00
- 02-14-03 7:00 am – Drlg @ 3220', prog 810' in 21 hrs, repairs & connection – 3 hrs. Mud vis: 27, Mud wt: 8.8, WL: n/c, PH: 7.0, Chl: 2400, Cal: 960 & Solids: 3.6. DMC=\$400.00 CMC=\$2298.00 GeoDynamics on location.
- 02-15-03 7:00 am – Drlg @ 3850', prog 630' in 20.50 hrs, repairs & connection – 2.25 hrs & circulate for samples – 1.25 hrs. Mud vis: 27, Mud wt: 8.9, WL: n/c, PH: 7.0, Chl: 2400, Cal: 960 & Solids: 3.6. DMC=\$850.00 CMC=\$3148.00 Circulate for samples @ 3666'.
- 02-16-03 7:00 am – Drlg @ 4255', prog 405' in 19.50 hrs, repairs & connection – 3.50 hrs & mix mud 1 hr. Mud vis: 37, Mud wt: 9.5, WL: n/c, PH: 7.0, Chl: 1200, Cal: 560 & Solids: 8.5. DMC=\$2643.00 CMC=\$5791.00 Lost circulation, about 200 bbl mud, @ 3938'.
- 02-17-03 7:00 am – Logging @ 4450', prog 195' in 11 hrs, CTCH – 3 hrs, mix mud – 2.75 hrs, trip – 3.50 hrs, Logging – 2.75 hrs & rig service & connections – 1 hr. Mud vis: 41, Mud wt: 9.4, WL: 9.6, PH: 9.5, Chl: 1900, Cal: 120, Solids: 7.7 & LCM: 10#. DMC=\$2365.00 CMC=\$8156.00 Survey @ 4450', 1/4 deg. Lost circulation, about 250 bbl mud, @ 4407'.
- 02-18-03 7:00 am – WOC completion. Cut 4450' of 7-7/8" hole. RU Rosel Company. Ran compensated density/neutron, dual induction & micro logs. LTD 4448'. Ran 104 jts new Mavrick 4 1/2" 10.5# R-3 csg. Tallied 4442.84' & set @ 4449', 1' off bottom.. Insert @ 4408', shoe jt 39.55'. Ran Industrial Rubber trubolizer centralizer @ 4407' & 4364', w/ basket @ 4022'. RU Acid Services. Cemented w/ 20 bbl KCL, 12 bbl Mud

Long #2-5

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Flush, 5 bbl H2O, 6 bbl Super Flush, 5 bbl H2O, 20 sx 60/40 poz, 125 sx common, .8#/sx FLA-322, 5#/ sx gilsonite, 4.9#/ sx calset, .1%/sx defoamer, 3% KCL BWOW & .1%/ sx FWCA-1. Had good circulation w/ 25 bbl displacement pumped, then slowed up. Good circulation w/ 45 bbl displacement pumped. Never did lose complete circulation. Had 550# pump pressure before landing plug. Landed plug w/ 1000# & insert held. Cellar stayed full when stop pumping. Plug rat hole w/ 15 sx 60/40 poz. Plug landed @ 12:30 am 02-18-03, released rig @ 01:30 am 02-18-03. Equipment left on location, 3 jts 4 1/2" talley =124.02'. Will send back to Sunrise Supply when tbg is delivered.

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CASTELLI EXPLORATION, INC.
 Long #2-5
 E/2 E/2 NE Sec 5-35S-34W
 Seward Co., Kansas

2911' GL
 2914' KB

Report: Complete in Toronto

- 02-21-03 MIRU Rosel Company. Ran CBL over portable mast. TOC @ 3900' w/ good cement bond throughout. PBTD @ 4379'. RDMO Rosel Company. MIRU Borderline, Inc. Ran in w/ 3" sandpump. Couldn't get accurate PBTD w/ depthmeter.

- 02-22-03 MI new 2-3/8" 8rd EUE tbg from Sunrise Supply because of weather. Hauled back to Sunrise Supply left over 4 1/2" csg.

- 02-23-03 SDF Sunday

- 02-24-03 TIH w/ 3-7/8" bit & 4 1/2" scrapper. PBTD 4395'. TOH w/ tbg & bit. Swab csg down to 4300'. RU Rosel Company. Perf Totonto 4376-88' w/ 3-1/8" HSC, 11 gram charge & 4spf. No gas blow. SDFN

- 02-25-03 Ran swab, FL @ 4300' w/ 150' gas. RU Acid service & Gore Nitrogen Pumping Service. Dump 500 gal 15% Mod 202 via csg. TIH w/ tbg as follows:

			Set @
2-3/8" 8rd SN	1 jt	1.10'	4369.28'
2-3/8" 8rd EUE tbg	140 jts	4358.18'	4368.18'
2-3/8" 8rd EUE tbg sub	1 jt	8.00'	10.00'
Below Zero		2.00'	

Acidize w/ 2000 gal 20% XTA 15 plus 125,000 cfN2. Max liquid rate – 1.5 bpm, min – 1.0 bpm, avg – 1.5 bpm, Max total rate – 6 bpm treating. Max press – 2060#, min – 250#, avg – 1750#, ISIP – 1900#, 5 min – 1750#, 10 min – 1700#, 15 min – 1700# & 45 min – 1575#. Total load 54 bbl. Flow to pit @ 1/4" choke as follows, 7 min – 1000# TP w/ heavy mist, 8 min – 900# dry, 5 min – 900# w/ fluid, 1 hr 13 min – 430# w/ mist & some fluid(633 MCFD), 32 min – 350# w/ slugs of fluid(515 MCFD). rig crew go, opened choke to 1/2" - 250# w/ heavy mist & fluid. 30 min – opened to 3/4" – 150# w/ heavy mist & fluid. Well died, 0# TP, SI tbg 15 min – 75#, open full – died. SI tbg 1 hr- 50#. Open choke to 3/4" & to pit. SDFN

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Long #2-5

- 02-26-03 SICP 400#, tbg open to pit. Ran swab, FL @ 2800', 1500' FIH. Swabbed steady for 4 hrs w/ 160# CP, well would flow about 3 min after each pull but die down. Gas would not burn. Flowed & swabbed total of 40 bbl of 54 bbl. Open & blew down csg for 30 min. Shut in csg & start swabbing again. Swabbed steady for 2 hrs. Pulling about 250' of scattered fluid. SD rig after 2 hrs swabbing. CP 20# in 1 hr, 40# in 2hrs, 50# in 3 hrs & 62# in 5 hrs. SDFN
- 02-27-03 SICP 90#, SITP 0#, FL @ 2800' - 1500' FIH. Swabbed steady for 2 ½ hrs. Swabbed total of 16 bbl fluid, salt water w/ some acid water. CP went from 90# to 60# after 4 pulls, then up to 70# in 2 hrs. FL stayed @ 3900' - 4000' FIH w/ scattered fluid on pulls. Gas would not burn. RDMO DD Shut in to evaluate
- 3-12-3 SITP 16#, SICP 59# - Will swab test w/ swabbing unit. WO Swab Unit.
- 3-12-3 SITP 0#, SICP 16#. Swab 50 bbls SW in 5 ½ hrs, no gas, CP 18#, FFL 3800', SWI for evaluation.