

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS) 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-015-37971 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name Parkway State Com 8. Well Number 005 9. OGRID Number 162683 10. Pool name or Wildcat Turkey Track; Bone Spring
2. Name of Operator Cimarex Energy Co. of Colorado 3. Address of Operator 600 N. Marienfeld, Ste. 600; Midland, TX 79701 4. Well Location SHL Unit <u>C</u> : <u>330</u> feet from the <u>North</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>15</u> Township <u>19S</u> Range <u>29E</u> NMPM County <u>Eddy</u>		<div style="border: 2px solid black; padding: 5px; text-align: center;"> RECEIVED SEP 15 2010 NMOCD ARTESIA </div>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3352' GR Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ Below-Grade Tank: Volume _____ bbls; Construction Material _____		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input checked="" type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Cimarex is changing the casing design for the Parkway State Com No. 5. We are eliminating the pilot hole and drilling the 8¾" hole through the curve and setting a cemented 5½" casing string from surface through TD of the lateral instead of using a PEAK liner. Details are on the attached page.

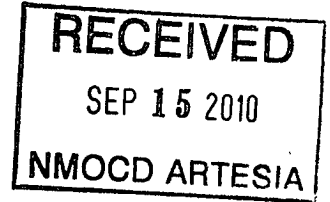
Please note that kick-off point and directional plans remain the same.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Natalie Krueger TITLE Regulatory Analyst DATE September 14, 2010
 Type or print name Natalie Krueger email address: nkrueger@cimarex.com Telephone No. 432-620-1936
For State Use Only

APPROVED BY: David Gray TITLE Field Supervisor DATE 10-4-10
 Conditions of Approval (if any):

C-103 Alter Casing
Parkway State Com No. 5
 15-19S-29E
 SHL 330 FNL & 1980 FWL
 BHL 330 FSL & 1980 FWL
 Eddy County, NM



Permitted casing Plans:

String	Hole Size	Depth			Casing OD		Weight	Collar	Grade
Surface	17½"	0'	to	260'	New	13⅝"	48#	STC	H-40
Intermediate	12¼"	0'	to	2500'	New	9⅝"	40#	LTC	J/K-55
Production	8¾"	0'	to	7679'	New	7"	26#	LTC	P-110
Fiberglass	8¾"	7679'	to	8100'	New	2⅞"	2.18#		IJ
Lateral Pt. 1	6⅝"	7579'	to	12472'	New	4½"	11.6#	LTC	P-110

Cementing Plan:

Surface	310 sx Premium Plus + 2% CaCl ₂ (wt 14.8, yld 1.35)
Intermediate	TOC Surface <u>Lead:</u> 150 sx Econocem + 3% Salt + 2% CaCl ₂ + 3 lbm/sk Gilsonite (wt 11.7, yld 2.06) <u>Tail:</u> 550 sks Premium Plus + 1% CaCl ₂ (wt 14.8, yld 1.34)
Production	TOC Surface <u>Lead:</u> 350 sx EconoCem + 3% Salt + 5 lbm/sk gilsonite (wt 13.0, yld 1.71) <u>Tail:</u> 350 sx HalCem (wt 14.8, yld 1.34)
Lateral	TOC 3000' No cement needed. Peak completion assembly.

Drill pilot hole to 8100.' Set 7" to 7679' and then fiberglass tubing from 7679' to 8100.' Cement to 2300' and kick off 6.125" hole @ 7739.' Drill to TD @ 12472' and put in PEAK completion liner from TOL @ 7579' to TD. No cement required on PEAK liner.

New Casing Plans:

String	Hole Size	Depth			Casing OD		Weight	Collar	Grade
Surface	17½"	0'	to	450'	New	13⅝"	48#	STC	H-40
Intermediate	12¼"	0'	to	2500'	New	9⅝"	40#	LTC	J/K-55
Production	8¾"	0'	to	12472'	New	5½"	17#	LTC	P-110

Cementing Plan:

Surface	490 sx Premium Plus + 2% CaCl ₂ (wt 14.8, yld 1.35)
Intermediate	TOC Surface <u>Lead:</u> 485 sx Econocem + 3% Salt + 2% CaCl ₂ + 3 lbm/sk Gilsonite (wt 12.5, yld 2.06) <u>Tail:</u> 215 sks Halcem + 1% CaCl ₂ (wt 14.8, yld 1.34)
Production	TOC Surface <u>Lead:</u> 610 sx EconoCem + 5 lbm/sk gilsonite (wt 11.9, yld 2.32) <u>Tail:</u> 1465 sx HalCem (wt 15.6, yld 1.2)
	TOC 2200'

Drill 8¾" hole through curve and set 5½" casing from 0-12472' and cement.