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District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural
Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-103
August 1, 2011

Permit 154399

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVIOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NUMBER 30-015-39955
1. Type of Well: O		5. Indicate Type of Lease S
2. Name of Operator CIMAREX ENERGY CO. OF COLORADO		6. State Oil & Gas Lease No.
3. Address of Operator 600 N. Marienfeld St, Suite 600, Midland, TX 79701		7. Lease Name or Unit Agreement Name CHAPARRAL STATE
4. Well Location Unit Letter <u>D</u> : <u>170</u> feet from the <u>N</u> line and <u>660</u> feet from the <u>W</u> line Section <u>32</u> Township <u>19S</u> Range <u>29E</u> NMPM <u>Eddy</u> County		8. Well Number 021H
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3312 GR.		9. OGRID Number 162683
Pit or Below-grade Tank Application ☐ or Closure ☐ Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		10. Pool name or Wildcat

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ Other: _____		SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTER CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐ CASING/CEMENT JOB ☐ Other: Drilling/Cement ☒
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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.
 see attached
 See Attached
 6/4/2012 Spudded well.

Casing and Cement Program

Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole
06/09/12	Surf	FreshWater	17.5	13.375	48	J55	0	306	390	1.36	C	50	500	0	
06/17/12	Int1	CutBrine	12.25	9.625	40	HCK55	0	3494	787	1.87	C	1202	1000	0	N
07/12/12	Prod	CutBrine	8.75	5.5	17	P110	1850	12402	2300	1.22	H		8500	0	N

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 Electronically Signed TITLE Manager Operations Administration DATE 10/1/2012
 Type or print name Zeno Farris E-mail address zfarris@cimarex.com Telephone No. 432-620-1936

For State Use Only:

APPROVED BY: Randy Dade TITLE District Supervisor DATE 10/1/2012 8:45:34 AM

Chaparral State #21H
C103 – Casing sundry
30015-39955

06/04/12 Spud well.

06/09/12 TD 17 1/2" hole @ 350'. RIH w/ 13-3/8", 48#, J55, STC csg & set @ 350'. Mix & pump : 390 sx Halcem, 14.8 ppg, 1.36 yld. WOC. RIH w/ temp survey TOC @ 50' GL/ 70' KB. Notified OCD. Mix & pump redi-mix truck cmt to surf. WOC 4 hrs. Test casing to 500# for 30 mins. Ok.

06/12/12 Bit shows signs of junk in hole. Tag junk @ 408'.

06/13/12 RIH w/ collar locator. Bottom of 13-3/8" csg @ 306'. Top of shoe jt @ 408' & bottom of shoe jt @ 452'. TIH to 408'. Work thru parted jt of csg to 790'. Drilling @ 790'.

06/16/12 TD 12 1/4" hole @ 3494'. Circ hole clean.

06/17/12 RIH w/ 9-5/8", 40#, HCK55, LTC csg & set @ 3494'.

06/18/12 Mix & pump lead: 700 sx Econocem C, 12.9 ppg, 1.87 yld; open DV tool @ 1202'. Circ 210 sx cmt off top of DV tool. RIH w/ 1" & tag fish @ 408'.

06/19/12 Mix & pump 87 sx EconoCem C, 12.9 ppg, 1.8 yld. Circ 6 sx to surf. WOC.

06/20/12 Test csg & DV tool to 1000 psi for 10 mins. Good. Ream thru DV tool. Test csg to 1000 psi for 30 mins. Ok. Tag cmt @ 3392'. Drill out cmt.

07/10/12 TD 8-3/4" lateral hole @ 12423'.

07/12/12 RIH w/5-1/2", 17#, P110, BT&C csg & set @ 12402'. Mix & pump lead: 800 sx Econocem HLH, 12.9 ppg, 1.22 yld. Tail w/ 1500 sx VersaCem H, 14.5 ppg, 1.22 yld. WOC.

07/13/12 Press test to 3000# for 30 mins. Ok. Release rig.

07/23/12 Press up csg to 1000#. Ok. Run CBL – TOC 1850'. Test csg to 8500# for 30 mins. Ok. PBTD @ 12400'.

Drilling Comments

OGRID: [162683] CIMAREX ENERGY CO. OF COLORADO
Permit Number: 154399
Permit Type: Drilling

Created By	Comment	Comment Date
CSHAPARD	Out of compliance Rule 5.9	9/4/2012