

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM111530
2. Name of Operator CIMAREX ENERGY COMPANY OF CO		6. If Indian, Allottee or Tribe Name
3a. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432.620.1938		8. Well Name and No. GADWALL 18 FEDERAL COM 2
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 18 T25S R27E NENW 150FNL 2310FWL 32.123578 N Lat, 104.230872 W Lon		9. API Well No. 30-015-39141-00-X1
		10. Field and Pool, or Exploratory BONE SPRINGS
		11. County or Parish, and State EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original APD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

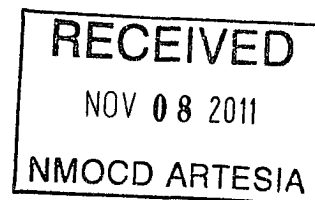
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

13.375" 54.5# J-55 casing set @ 455' cemented to surface.
9.625" 40# N-80 casing set @ 1896' cemented to surface.
5.5" 17# P-110 casing set @ 12379 MD cemented to 3445' by CBL.

Wesley Ingram gave verbal permission to RDMO and perform remedial work before completion.

Cimarex proposes to perform bradren head squeeze with 500 sx Ecnocem C 11.9 ppg, 2.42 cuft/sx per attached procedure and WBD.

Accepted for record
NMOCD 109 DEC 02 2011



Run a CBL after remediation, submit copy to Carlsbad BLM office

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #122013 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 11/03/2011 (12KMS0224SE)	
Name (Printed/Typed) ZENO FARRIS	Title MANAGER OPERATIONS ADMIN
Signature (Electronic Submission)	Date 11/02/2011

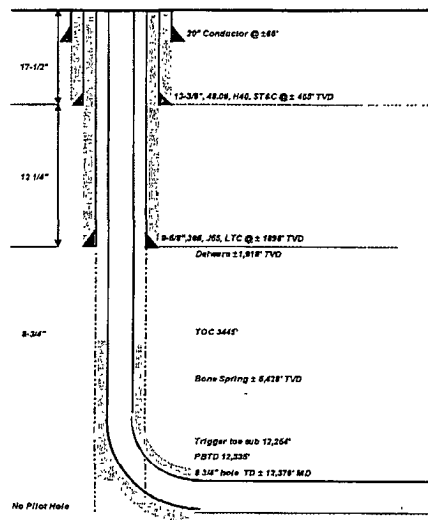
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By CHRISTOPHER WALLS	Title PETROLEUM ENGINEER	Date 11/03/2011
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Carlsbad

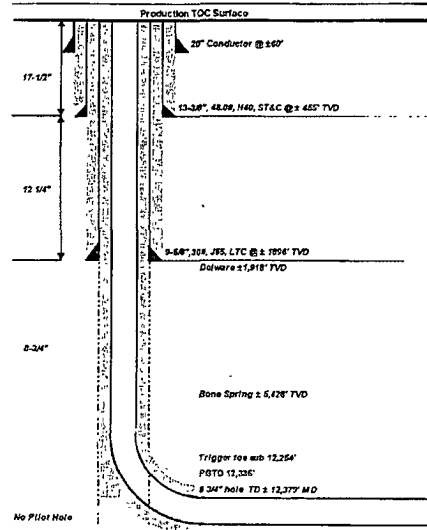
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CIMAREX ENERGY
Mallon 35 Fed 7H Completion Procedure

Existing well Bore



Proposed WellBore





Bradien Head Squeeze PROCEDURE

Gadwell 18 Fed Com #2

330' FSL & 2200' FWL

Sec 13 - T25S - R27E

Eddy Co., NM

Prepared by: Art Metcalfe

11/1/2011

API # 30-25-39141

AFE # 251054

Directions: South of Carlsbad, NM, on Old Carlsbad Hwy. At intersection of Black River Village Road and John D. Forehand Road, take Forehand Road 6.5 miles. Turn left and follow location road 0.4 miles to location.

GL 3,195' KB 21'
TD 12,379' MD 7795' TVD

Surface casing:	13-3/8" 54.5# J55 LTC	0 - 455'
Intermediate	9 5/8" 40# N80 LTC	0 - 1,896'
Production	5.5" 17# P110 LTC	0 - 12,379'

9 5/8" 40# N55 LT&C	5.5" 17# P110 LT&C	2 7/8" 6.5# J55 EUE
---------------------	--------------------	---------------------

I.D., in.	8.835	4.000	2.441
Drift, in.	8.679	3.875	2.347
Burst, psi	5750	10690	7,260
Collapse, psi	3090	7580	7,680
Tension, lbs	737,000	444,000	99,660
Capacity - gals/ft.	3.1844	0.65268	0.243
Capacity - bbls/ft	0.07582	0.01554	0.00578

Objective is to circulate cement to surface.

Westley Ingram With BLM gave Verbal approval to set slips on the 5.5" casing under the condition that we would perform the remedial cement work. Bond Log Show Top of cement at 3,545'.

Proposed Plan - Bradien Head Squeeze

Establish circulation/injection with 20 bbls of fresh water then mix and pump 500sk of Ecnocem - C with 0.125lbm/sk Poly-E-Flake (Lost Circulation Material) at 11.90ppg, 2.42cuft/sk.