

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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. NMNM106964
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: 432-620-1936		8. Well Name and No. FEDERAL 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 5 T18S R31E NESE 2080FSL 560FEL		9. API Well No. 30-015-25490-00-S1
		10. Field and Pool, or Exploratory N SHUGART.
		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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> New Construction
	<input checked="" type="checkbox"/> Recomplete
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Other
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off

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 recomplete 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 recompletion 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.)

Cimarex Energy Co. respectfully requests approval to recomplete and test the Federal #1 well in the Wolfcamp as indicated in the procedure below:

The original completion of the well had perfs in the Wolfcamp but have been abandoned.

Test Wolfcamp (IP perfs: 9225-27', 9230-32', 9236-39', 9241-44', 9246-49')  
Drill out CIBP @ 9150' with foam air  
Clean out wellbore to top of cement @9675'  
Run tubing and set packer @ 9215' to isolate Wolfcamp  
Swab well down to kick off well  
Rig down and monitor to test upper Wolfcamp perfs

*Accepted for record  
NMOC  
Provide CID2*

**RECEIVED**  
**SEE ATTACHED FOR**  
**CONDITIONS OF APPROVAL**

**NM OIL CONSERVATION**  
**ARTESIA DISTRICT**

**OCT 03 2014**

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #266257 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad  
Committed to AFMSS for processing by CHRISTOPHER WALLS on 09/26/2014 (14CRW0331SE)**

Name (Printed/Typed) <b>TERRI STATHEM</b>	Title <b>COORDINATOR REGULATORY COMPLIA</b>
Signature (Electronic Submission)	Date <b>09/26/2014</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____
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 _____

**APPROVED**  
**SEP 26 2014**  
**Chris Walls**  
**BUREAU OF LAND MANAGEMENT**  
**CARLSBAD FIELD OFFICE**

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.

**Additional data for EC transaction #266257 that would not fit on the form**

**32. Additional remarks, continued**

We currently have a rig on this well and would appreciate a quick approval.

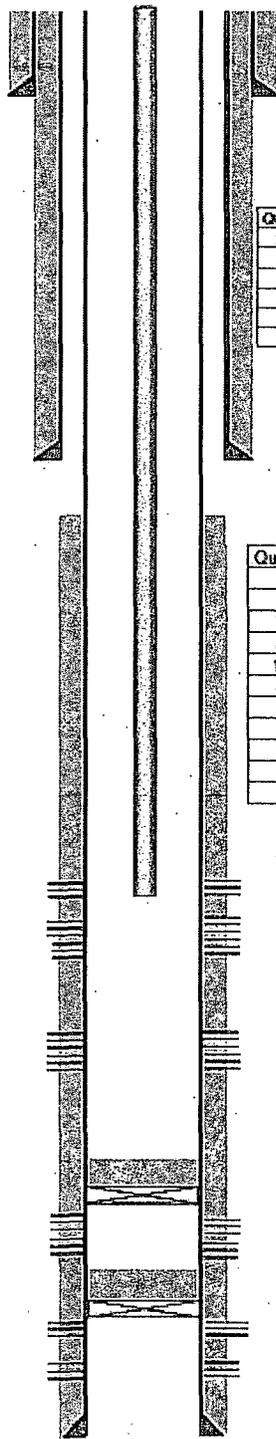
WBD attached for your review.



13 3/8" 46# H-40 csg @ 410'  
Cmt w/445 sx, cir to surface

8 5/8" 32# K-55 csg @ 4511'  
Cmt w/2200 sx, cir to surface

5 1/2" 17# N80 & K55 @ 10,205'  
Cmt w/950 sx TOC @ 4930'



**Cimarex Energy Co. of Colorado  
FEDERAL #1**

API 30-015-25490  
2080' FSL & 560' FEL, Sec 5, T18S R31E  
Eddy County, NM  
GL 3710' KB 3723'

Quantity	Description	Length	Setting Depth
249	2 7/8" L-80 tq	7803.66	7803.66
1	2 7/8" x 5 1/2" TAC	2.80	7806.46
19	2 7/8" L-80 tq	595.84	8402.30
1	2 7/8" SN	1.10	8403.40
1	4" 2 7/8" Perf Sub	4.00	8407.40
1	2 7/8" NBP	31.36	8438.76

11" hole to 4511'

TOC 5 1/2" csg 4930'; CBL

Quantity	Description	Length
1	1 1/2" PR	22.00
3	7/8" Pony Sub	14.00
74	1" Rods	1850.00
89	7/8" Rods	2225.00
158	3/4" Rods	3950.00
12	1" Rods	300.00
1	Guided Lit Sub	1.00
1	3/4" RHR Tool	0.60
1	2 1/2" x 1 1/2" x 24" RHBC Pump	24.00
	1-1/4" x 10" GA	8.00
	<b>TOTAL</b>	<b>8394.60</b>

Bone Spring "E" Carb Perfs:

2 SPF @ 7564' - 92', 7599' - 7610' (78 holes)

Bone Spring Perfs:

7760', 7770', 7782', 7794', 7805', 7811', 7817',  
7830', 7840', 7843', 7852', 7860' (12/87)

Perfs:

8121', 8131', 8156', 8171', 8184', 8202', 8211',  
8222', 8255', 8268', 8278', 8288', 8295', 9316',  
8336', 8344', 8359', 83770', 8390' (5/87)

CIBP @ 9150', 20' Cement plug on top.

Wolfcamp Perfs:

9225'-27', 9230'-32', 9236'-39', 9241'-44',  
9246'-49' (1/86)

CIBP @ 9695', 20' Cement plug on top.

Lower Wolfcamp Perfs:

9775'-79', 9782'-85', 9789'-94', 9920'-32' (1/86)

PBTD: 9675'  
TD: 10,205'

7 7/8" Hole to TD 10,205'

K. Murphy 7/28/2014  
M. Ketter 9/12/2013

**Federal 1**  
**30-015-25490**  
**Cimarex Energy Company of Co.**  
**Conditions of Approval**

1. Approved to test the Wolfcamp. If the zone is productive submit by 11/26/2014 a sundry to squeeze Bone Spring Perfs and put well on production. If zone is not productive submit plans to recomplete or plug well by 11/26/2014.

**CRW 092614**