

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No 1004-0135  
Expires July 31, 1996

OCD-HOBBS OCT 12 2010  
HOBBSOCD  
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  
☐ Oil Well ☒ Gas Well ☐ Other ✓  
2. Name of Operator  
Cimarex Energy Co. of Colorado  
3a. Address  
600 N Marienfeld Ste 600 Midland TX 79701  
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2310 F&L & 2310 FEL ✓ 28-25S-33E ✓

3b. Phone No. (include area code)  
432-620-1938

5. Lease Serial No  
NM-26394  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA/Agreement, Name and/or No.  
8. Well Name and No.  
Red Hills 28 Federal Com No. 1 ✓  
9. API Well No.  
30-025-29191 ✓  
10. Field and Pool, or Exploratory Area  
Wildcat Atoka  
11. County or Parish, State  
Lea 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 checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Plug back and
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	recomplete to Wolfcamp
	<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, included 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 )  
Well currently completed in the Atoka with perfs @ 14393-14402 and 14537-14548. Devonian perfs @ 17478-17535 behind CIBP @ 16615.  
Cimarex proposes to plug Atoka and recomplete to Wolfcamp as shown below and on the attached procedure.

- NDWH, NUBOP. Rel pkr, TOOH w tbg. DO CIBP @ 16615.' Set CIBP @ 17240' w 16 bbl Class H cmt from 17420-16618' and tag.
- Set CIBP @ 15000' w 11 bbl Class H cmt from 15000-14750' and tag.
- Set CIBP @ 14300' w 4.5 bbl Class H cmt from 14300-14200.
- Perf 13631-635, 13640-690 w 2 spf, 110 holes. Acidize w 8000 gal 15% HCl.
- Turn to sales as Wolfcamp oil well.

Please see attached current WBD and recompletion procedure.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Natalie Krueger  
Signature

Title  
Regulatory  
Date

September 27, 2010

Approved by

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

Title 18 U.S.C Section 1001, makes 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.

(Instructions on reverse)

APPROVED

Date  
OCT 7 2010

/s/ Chris Walls

BUREAU OF LAND MANAGEMENT

CARLSBAD FIELD OFFICE

PETROLEUM ENGINEER

Office

OCT 15 2010

**Red Hills 28 Federal Com 1**  
**Wolfcamp Recompletion Procedure**  
**API # 3002529191**

2310' FNL & 2310' FEL  
Section 28, T-25-S, R-33-E  
Lea County, New Mexico

Well Data:

KB	28' above GL
TD	17555'
PBTD	17548'
Casing	20" 94# K-55 @ 1000'. Cmtd w/ 1750 sx. Cmt circ. 13 3/8" 61&68# S-80&K-55 @ 4923' Cmtd w/ 4000 sx. Cmt circ. 9 5/8" 53.5# CYS-95 @ 13000'. Cmtd w/ 3425 sx. TOC 5625' 7 3/4" 46.1# P-110 @ 16994'. Cmtd w/ 1000 sx. TOL 12675' 5" 18# L-80 @ 17553'. Cmtd w/ 125 sx. TOL 16691'
Perfs	Atoka (14393' – 14402', 14537'-14548') Devonian (17478' – 17535')
BHT	268° F

Procedure: Before RU Check Permit Status. Notify BLM 24 hr before RU for Setting CIBP.

Note: Will need lift sub and 104 joints of 2 7/8" tubing for job.

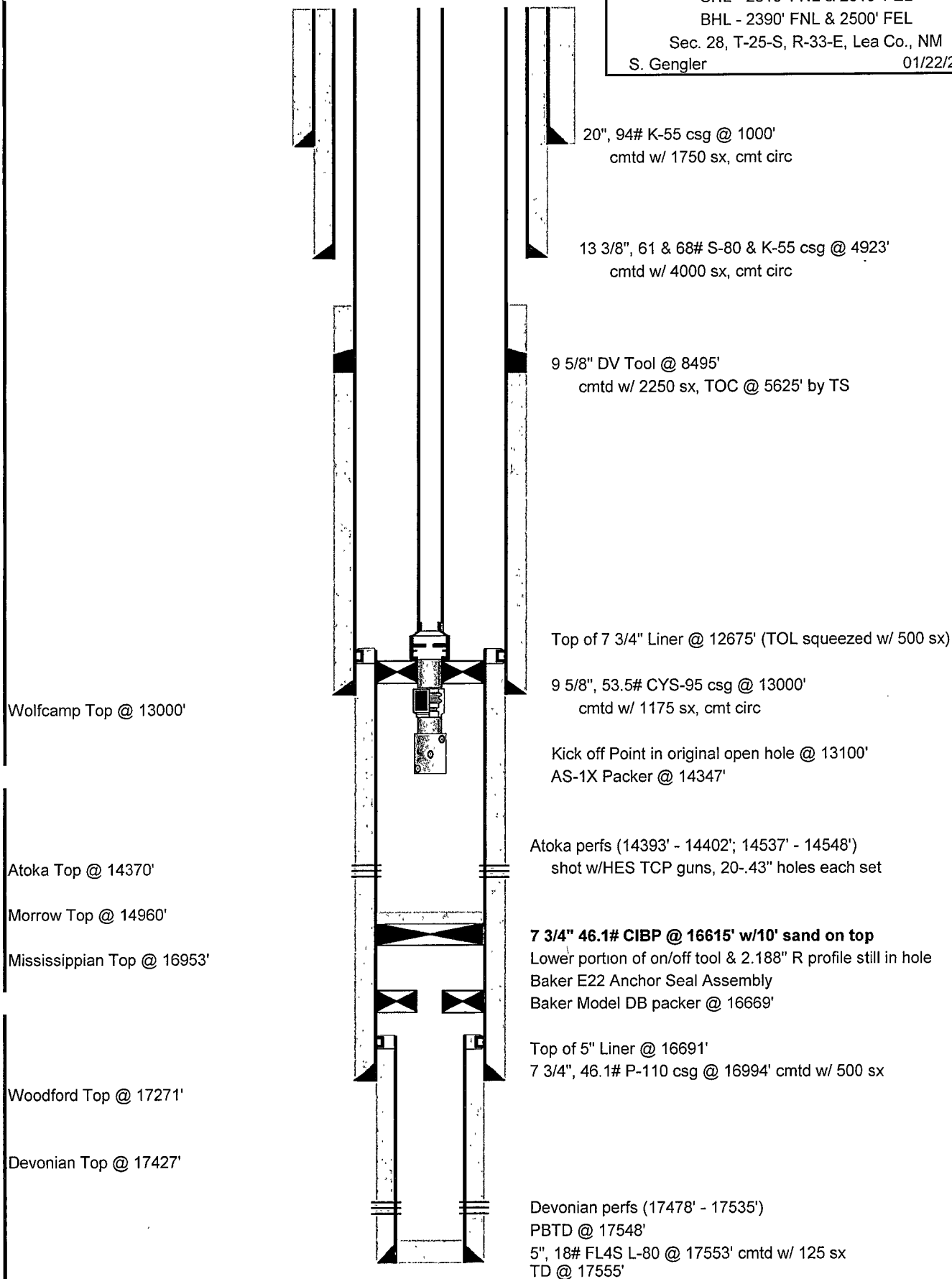
1. MIRU pulling unit. ND WH, NU BOP. Release AS-1X Packer. TOO H w/ tbg.
2. Drill out 7 3/4 CIBP @ 16,615' W/ RB.
3. POOH W/ RB.
4. TIH to top of packer @16,669' W/ shoe, cut over packer to TOL @ 16,691'.
5. TOO H W/ tubing and packer assembly.
6. RIH W/ Gauge Ring to 17,450' (confirm gauge ring size W/ wireline company).
7. TIH W/ 5" Wireline set bridge plug & set at 17420'. TOO H W/ Wireline.
8. Spot 16 BBL Class H Cement from 17,420' – 16,618'.

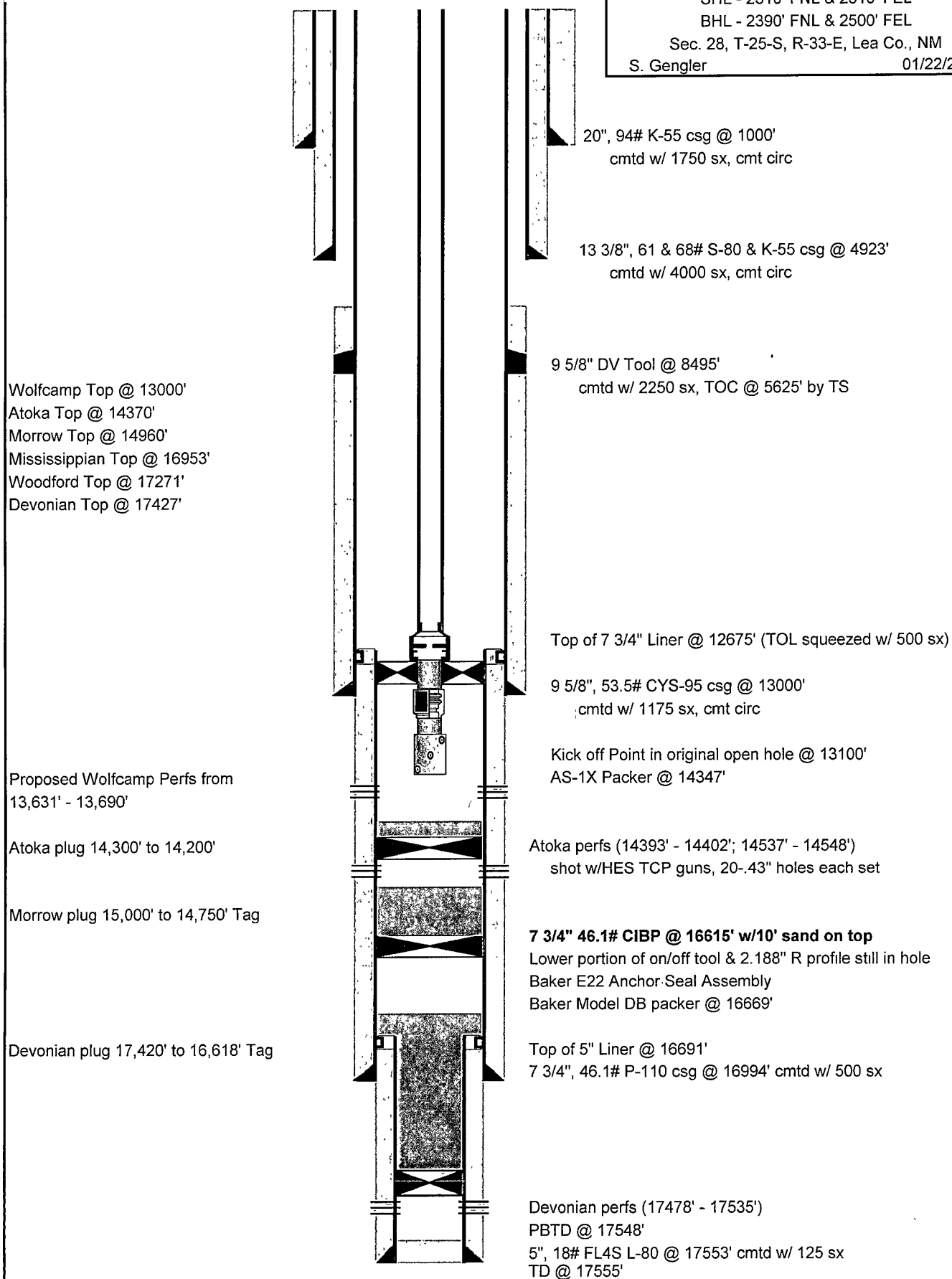
9. Pull up to 16,400' and Reverse Clean.
10. Wait on cement to set, Tag Cement. TOOH
11. TIH W/ 7 ¾ CIBP on wireline and set @ 15,000'.
12. TIH W/ 2 7/8" Tubing to 15,000'. Pump 10BBL fresh water spacer. Spot 11 BBL Class H Cement from 15,000' to 14,750'.
13. Pull up to 14550' and reverse clean.
14. Wait on cement to set. Tag cement. TOOH with tubing.
15. TIH W/ 7 ¾ CIBP on wireline and set @ 14,300'.
16. Spot 4.5 BBL Class H Cement from 14,300'-14,200'.
17. Load hole W/ 4% KCL W/packer fluid and O2 scavenger.
18. RIH W/ TCP perforating guns, Sub, XN Nipple, Sub, PKR, Nipple and Tbg, Hydrotesting to 8,000 psi.
19. RUWL. Correlate Logs to packer and TCP Setting Depth. Space out TCP guns to CBL log to perforate 13,631'-13,635', 13,640'-13,690' using 2 SPF, 110 holes. Depth reference log Schlumberger Cement Bond Log dated Aug 20, 1993. RDWL. Set PKR W/ Recommendation by packer Company.
20. Load and test casing to 500 # before firing guns. ND BOPS, NU Wellhead. Rig down move out puling unit.
25. Drop Bar to Fire Guns.
26. Record pressures before flowing well to vessels.
27. Flow Test Well, Stabilize Production.

**NOTE:** Timing of Acid Job to be Determined by Flow Rates.

28. Pump 8000 gal of 15% HCL using rate for diversion. **Note:** Max Pressure for acid 6500 PSI.
29. Displace acid w/ fresh water.

30. If well will flow, flow to Frac Tank.
31. If well does not flow Swab fluid into Frac Tank.
32. Swab well until pH is greater than 4.5.
33. Record fluid levels and oil cuts and report to Midland.
34. Return to Production.





**Red Hills 28 Fed Com 1  
30-025-29191  
Cimarex Energy Co. of Colorado  
October 6, 2010  
Conditions of Approval**

- 1. Notify BLM 575-393-3612 a minimum of 24 hours prior to performing operations.**
- 2. Surface disturbance beyond the originally approved pad must have prior approval.**
- 3. Closed loop system required.**
- 4. 10000 (10M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I, 2M Diagrams of Choke Manifold Equipment (2M configuration with 10M pressure rating). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.**

**10M systems shall require two independent power sources, one of which may be nitrogen bottles (three minimum) maintaining a charge equal to the manufacturer's recommendations.**
- 5. Operator to have H2S monitoring equipment on location as H2S has been reported from wells in the area.**
- 6. Subsequent sundry and completion report required.**

**CRW 100610**