

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.*5. Lease Serial No.  
NMNM0144698

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.  
SUPERIOR FEDERAL 102. Name of Operator  
CIMAREX ENERGY COContact: NATALIE E KRUEGER  
E-Mail: nkrueger@cimarex.com9. API Well No.  
30-015-38465-00-X13a. Address  
15 E 5TH ST STE 1000  
TULSA, OK 741033b. Phone No. (include area code)  
Ph: 432-620-1936  
Fx: 432-620-194010. Field and Pool, or Exploratory  
PARKWAY

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 1 T20S R29E NWNW Lot D 330FNL 560FWL  
32.60886 N Lat, 104.03520 W Lon11. 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 A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

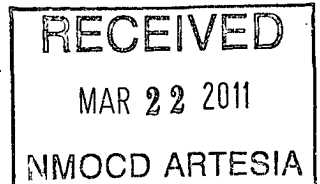
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical 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 recompleation 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 proposes to set conductor and both surface casing strings for the referenced well with the smaller United Rig 33 prior to Key Rig 10 moving in and drilling the remainder of the wellbore.

Notify BLM 24 hours before MIRU and set conductor and 20 inch surface casing to 320 and cement to surface as permitted. WOC. Casing integrity test not to exceed 70% of burst. Set 13.375 inch surface 2 casing and cement to surface as permitted. Then cut off surface casing at ground level and tack steel plate on surface casing and fence off cellar and well area. Notify BLM of RDMO.

Key Rig 10 will move on well within 30 days. The Key rig will weld on casing head and conduct BOP and casing integrity test on second surface string.

From the base of the 20 inch surface pipe to the running of the 13.375 inch surface casing, the

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

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

Electronic Submission #104477 verified by the BLM Well Information System

For CIMAREX ENERGY CO, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 03/17/2011 (11KMS1131SE)

Name (Printed/Typed) NATALIE E KRUEGER

Title REGULATORY

Signature (Electronic Submission)

Date 03/16/2011

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

Accepted for record - NMOCD

Approved By CHRISTOPHER WALLS

Title PETROLEUM ENGINEER

Date 03/18/2011

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Additional data for EC transaction #104477 that would not fit on the form**

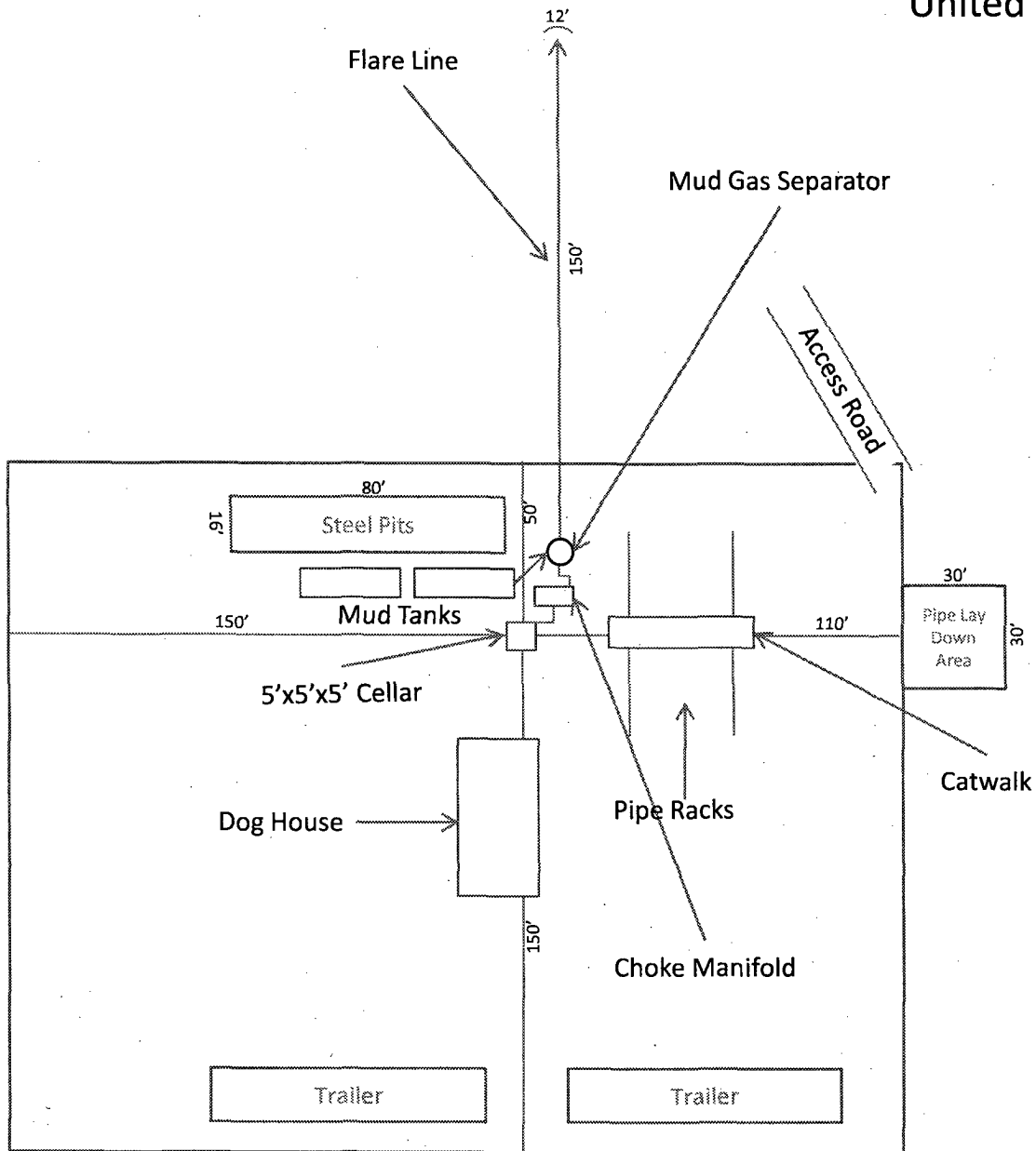
**32. Additional remarks, continued**

well will be equipped with a 2M diverter system. Diverter system to be tested to 250 psi low and 1000 psi high.

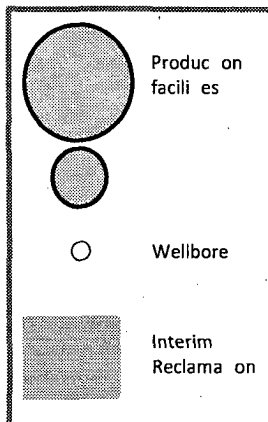
Location will be built prior to United Rig 33 moving in and United Rig will take up no more additional surface area than the permitted Key Rig 10 will.

Please see attached rig plat and 2M diverter diagram.

# United Rig 33

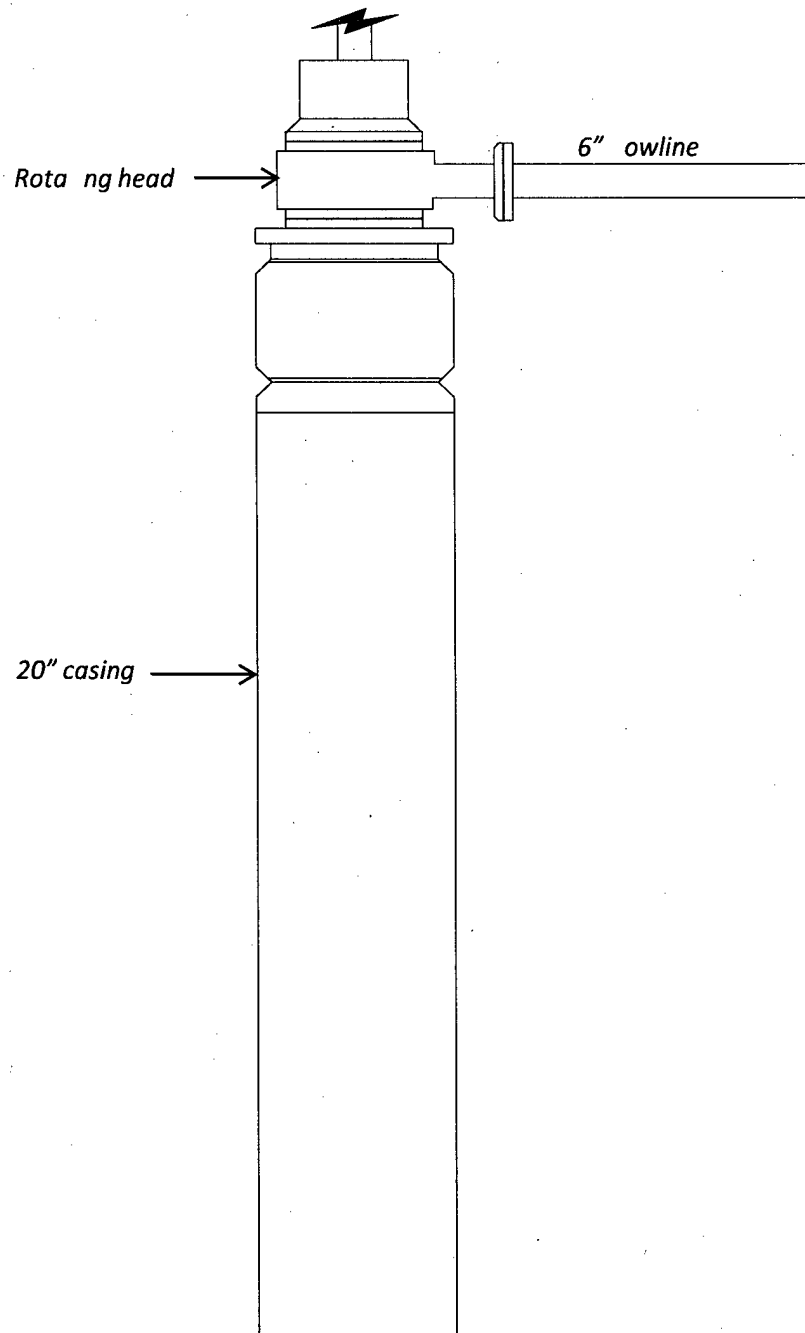


1"=50'



Rig Diagram  
**Superior Federal No. 10**  
 Cimarex Energy Co. of Colorado  
 1-20S-29E  
 SHL 330 FNL & 560 FWL  
 BHL 330 FSL & 660 FWL  
 Eddy County, NM

20" Diverter System



20" Diverter System  
**Superior Federal No. 10**  
Cimarex Energy Co. of Colorado  
1-20S-29E  
SHL 330 FNL & 560 FWL  
BHL 330 FSL & 660 FWL  
Eddy County, NM

**Superior Federal 10**  
**30-015-38465**  
**Cimarex Energy Co. of Colorado**  
**March 18, 2011**  
**Conditions of Approval**

1. Surface disturbance beyond the originally approved pad must have prior approval.
2. Setting surface and 1<sup>st</sup> intermediate casing with United Rig
  - a. Notify the BLM when removing the United Rig.
  - b. Notify the BLM when moving in the Key Rig. Rig to be moved in within 30 days of notification that United Rig has left the location. Failure to notify or have rig on location within 30 days will result in an Incident of Non-Compliance.
  - c. Once the Key Rig is on location, it shall not be removed from over the hole without prior approval unless the production casing has been run and cemented or the well has been properly plugged. **If the drilling rig is removed without approval – an Incident of Non-Compliance will be written and will be a “Major” violation.**
  - d. BOP/BOPE test to be conducted per Onshore Oil and Gas Order No. 2 as soon as Key Rig is rigged up on well. CIT for the surface casing shall be performed and results recorded on subsequent sundry – pressure to be 1200 psi.

**CRW 031811**