

Form 3160-5  
(June 2015)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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.  
NMNM117116

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

KLEIN 33 FEDERAL COM 12H

2. Name of Operator

CIMAREX ENERGY COMPANY

Contact: FATIMA VASQUEZ

E-Mail: fvasquez@cimarex.com

9. API Well No.

30-015-46438-00-X1

3a. Address

600 N MARIENFELD STREET STE 600  
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 432-620-1933

10. Field and Pool or Exploratory Area

PURPLE SAGE-WOLFCAMP (GAS)

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

Sec 33 T26S R27E 131FSL 770FEL  
32.000374 N Lat, 104.188728 W Lon

11. County or Parish, State

EDDY COUNTY, NM

## 12. CHECK THE 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"/> Hydraulic Fracturing	<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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 permission to TA the Klein 33 Federal Com 12H for 1 year with the procedure listed below.

## PROCEDURE:

1. NOTIFY NM BLM 24 HOURS PRIOR TO STARTING WORK.
2. RU E-line unit and lubricator.
3. TIH with GR/JB to 8000'.
4. MU wireline tools to set CIBP at 8000'.

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

**Electronic Submission #535474 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 10/27/2020 (21PP0361SE)**

Name (Printed/Typed) FATIMA VASQUEZ

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/27/2020

Accepted for record – NMOCD gc 11/15/2021

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

Approved By YOLANDA JIMENEZ

Title PETROLEUM ENGINEER

Date 11/01/2020

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.

(Instructions on page 2)

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

**Additional data for EC transaction #535474 that would not fit on the form**

**32. Additional remarks, continued**

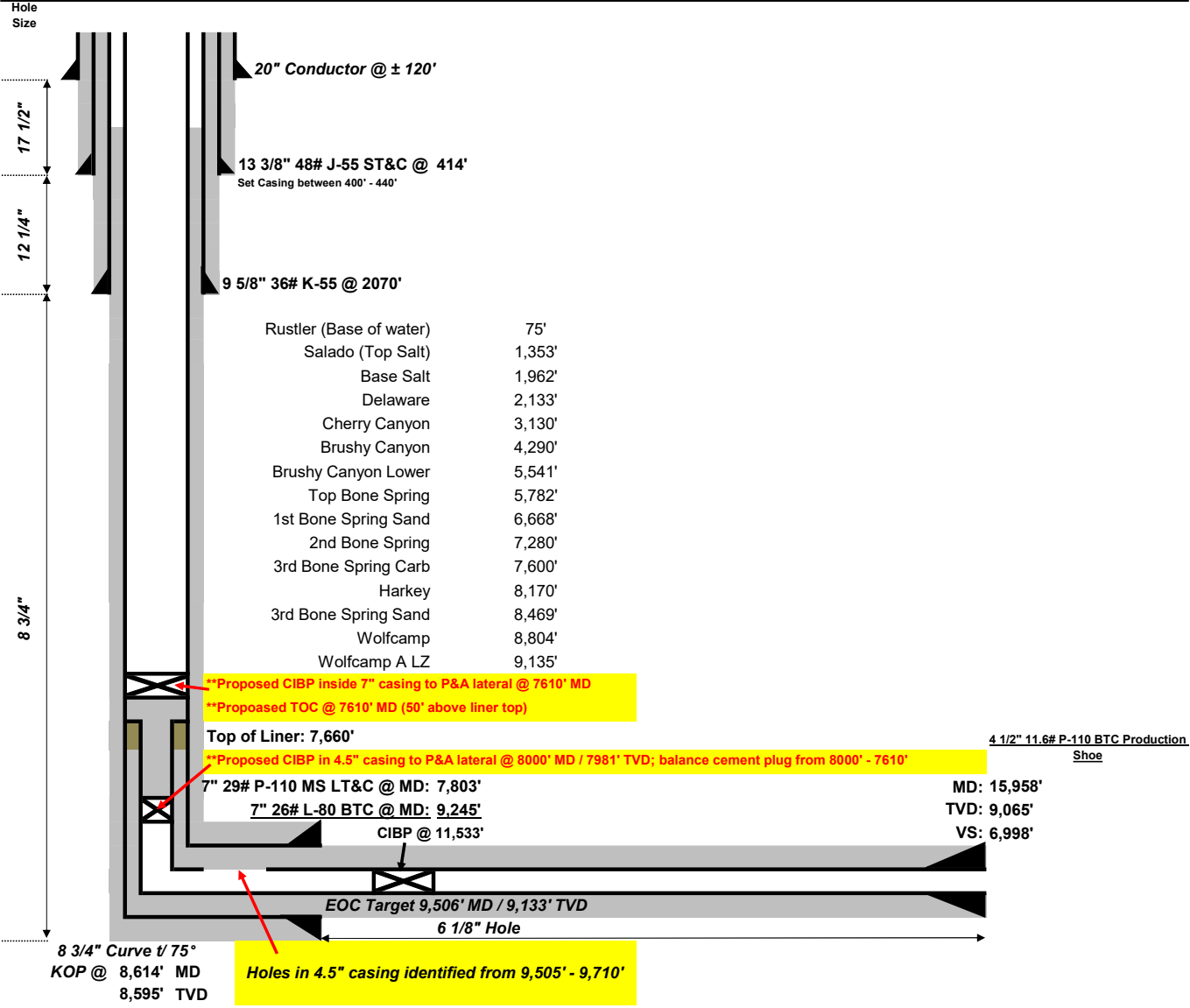
5. POOH and RD E-line unit.
  6. MIRU workover rig, NU 5k BOP and test.
  7. RIH with 2-7/8" x 2-3/8" tapered work string to 8000'.
  8. Balance cement plug from 8000' to 7610'.  
- Liner top is at 7660'.
  9. Reverse circulate well with 2% KCl FW and packer fluid.
  10. POOH work string.
  11. RU E-line unit and RIH with CIBP to set at 7610'.
  12. RDMO E-line.
  13. Test casing to 1,000 psi for 30 min, chart test - MIT results will be submitted to BLM.
  14. ND BOP.
  15. NU wellhead flange.
  16. RDMO workover rig.
- \*\* The WBD is attached with the proposed design.



DRILLING PROGNOSIS  
Cimarex Energy Co.

Well:	Klein 33 Federal Com 12H	API #:	30-015-46438
Date:	10/8/2020	AFE:	
Co., State	Eddy County, NM	Property #:	300100-017.01
Lat / Long:	32.000374 N / 104.188729 W	Objective:	
Surf. Loc:	131' FSL & 770' FEL; SEC 33; T26S, R27E	TD TVD/ TD MD:	9,116' TVD / 15,922' MD
Bottomhole Loc:	280' FNL & 990' FEL; SEC 28; T26S, R27E	VS (Dir & Length):	359.6 deg/ 6,996' VS
Rig:	Cactus 137	Elevation:	3,213'
E-Mail:	<a href="mailto:wellsite8@cimarex.com">wellsite8@cimarex.com</a>	GL:KB	25'
Wellhead:	13-5/8" 10M X 13-3/8" SOW	Cementing:	Schlumberger
	13-5/8" 10M x 7-1/16" 10M	Mud:	Baroid
	Multibowl w/ Annular Spool	Directional:	Sperry
Xmas Tree	2-9/16" 10M	OH Logs:	N/A
Tubing:	7,564' 2 7/8" 6.5# L-80 8rd EUE	Mud Loggers:	MORCO
Superintendent:	Mike Fraley		
Engineer:	Eli Montoya		

Directions: From the intersection of 285 and 652 in Orla, TX, go W on 652 for 18.3mi., turn N on Pipeline Rd. for 12.8mi. to T, turn E at T for 1.4mi., location is 200' to the N.



Top of 4.5" 11.6# P-110 BTC Casing must be set 1000' above KOP  
7" Casing will be set at 75 degrees in the curve. We will drill out with lateral assembly and finish landing the curve on 4's. DO NOT DRILL MORE THAN 10 FEET PAST WHERE 75 DEGREES IS PROJECTED AT THE BIT.

## BUREAU OF LAND MANAGEMENT

Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

### Conditions of Approval for Temporary Abandonment of Wells

**Definition:** A temporarily abandoned well is a completion that is not capable of production in paying quantities, but which may have future value. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

1. TA status will be effective for a period of up to one year from the date of sundry approval and can be renewed annually thereafter per IM NM-2016-017.
2. A bridge plug (CIBP) must be installed 50 to 100 feet above any open perforations or open hole. The CIBP must be capped with either a minimum of 25 sacks of cement if placed with tubing or 35 feet of cement if placed with a bailer. The top of the cement must be verified by tagging.
3. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes. If the well does not pass the casing integrity test, then the operator shall, within 30 days, submit a procedure to either repair the casing or to plug and abandon the well.
4. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.
5. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if it is not isolated by a packer.
6. A bradenhead test must be conducted. If the test indicates a problem, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
7. Submit a subsequent Sundry Notice (Form 3160-5) with the following information:
  - a. A well bore diagram with all perforations, CIBP's, and tops of cement on CIBP's.
  - b. A description of the temporary abandonment procedure.
  - c. A clear copy or the original of the pressure test chart.

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**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**

CONDITIONS  
  
Action 56123

CONDITIONS

Operator: CIMAREX ENERGY CO. 600 N. Marienfeld Street Midland, TX 79701	OGRID: 215099
	Action Number: 56123
	Action Type: [C-103] NOI Temporary Abandonment (C-103I)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	11/15/2021