

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office  
FORM 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.*

Lease Serial No.  
NMN056376

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

|   |   |   |  |
|---|---|---|--|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other                    |   | 8. Well Name and No.<br>MESCALERO RIDGE 21 FEDERAL 1H         |  |
| 2. Name of Operator<br>CIMAREX ENERGY COMPANY<br>Contact: ARICKA EASTERLING<br>E-Mail: aeasterling@cimarex.com                                      |   | 9. API Well No.<br>30-025-45054-00-X1                         |  |
| 3a. Address<br>600 N. MARIENFELD SUITE 600<br>MIDLAND, TX 79701   | 3b. Phone No. (include area code)<br>Ph: 918.560.7060 | 10. Field and Pool or Exploratory Area<br>WILDCAT BONE SPRING |  |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 21 T19S R34E NWNE 544FNL 1980FEL<br>32.651505 N Lat, 103.563103 W Lon |   | 11. County or Parish, State<br>LEA 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 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 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 must 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 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 approval for a multibowl well head, please see attached diagram and procedure.

|   |                          |
|---|--------------------------|
| 14. I hereby certify that the foregoing is true and correct.<br><b>Electronic Submission #443027 verified by the BLM Well Information System<br/>For CIMAREX ENERGY COMPANY, sent to the Hobbs<br/>Committed to AFMS for processing by PRISCILLA PEREZ on 11/08/2018 (19PP0339SE)</b> |                          |
| Name (Printed/Typed) ARICKA EASTERLING  | Title REGULATORY ANALYST |
| Signature (Electronic Submission)   | Date 11/07/2018          |

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

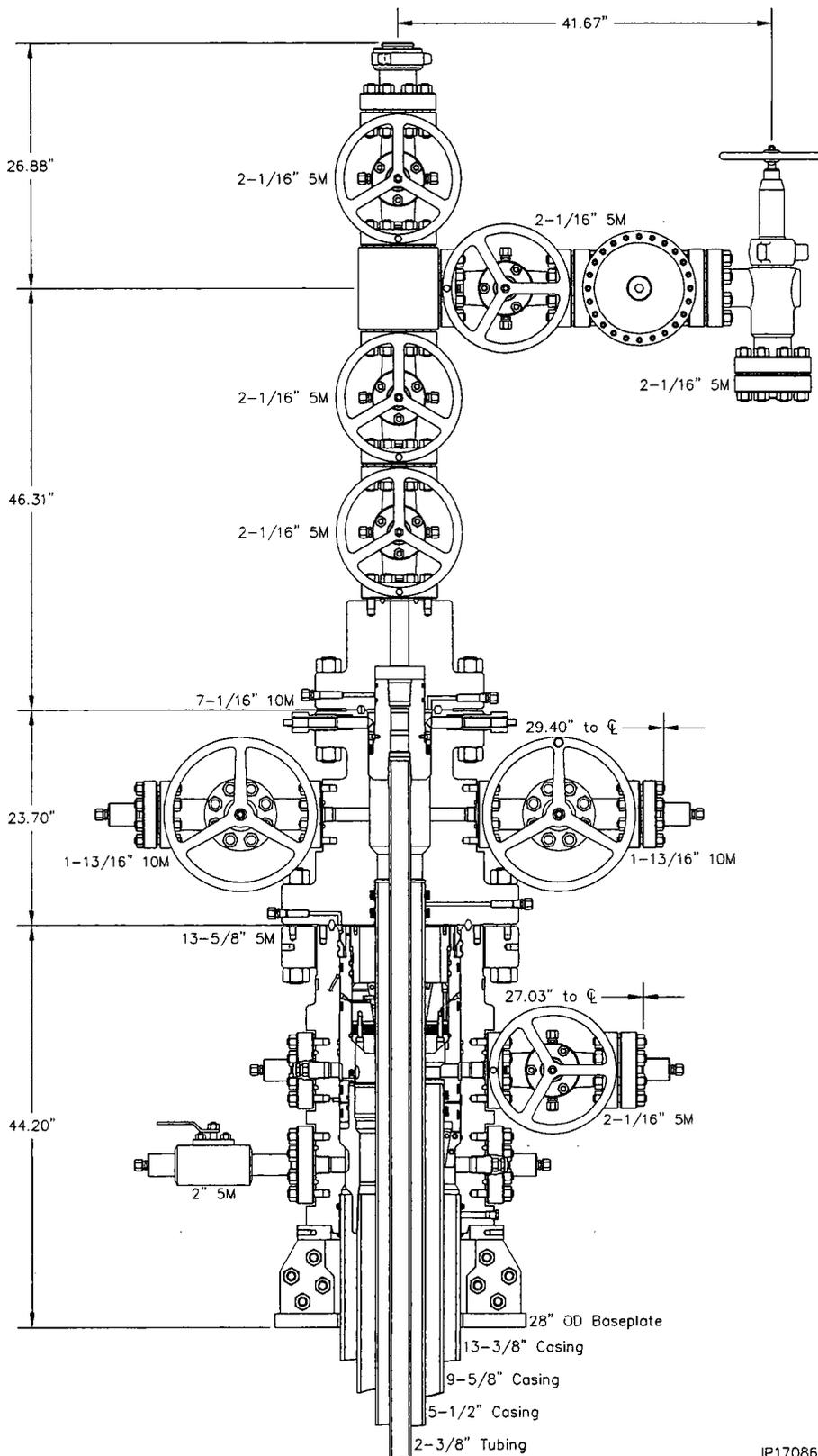
|   |                                 |                        |
|---|---------------------------------|------------------------|
| Approved By <u>DYLAN ROSSMANGO</u>  | Title <u>PETROLEUM ENGINEER</u> | Date <u>01/17/2019</u> |
| Conditions of approval, if any, are attached. Approval of this notice 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 <u>Hobbs</u>    |

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 \*\***

# System Drawing



IP170865



**Cimarex**  
**13-3/8" x 9-5/8" x 5-1/2" MBU-3T Wellhead System**  
**With 13-5/8" 5M x 13-3/8" SOW MBU-3T Housing And**  
**13-5/8" 5M x 7-1/16" 10M CTH-DBLHPS Tubing Head**

**17/PECOS DISTRICT  
DRILLING OPERATIONS  
CONDITIONS OF APPROVAL**

|                       |                              |
|-----------------------|------------------------------|
| OPERATOR'S NAME:      | CIMAREX ENERGY COMPANY       |
| LEASE NO.:            | NMNM130854                   |
| WELL NAME & NO.:      | COTTONBERRY 20 FEDERAL 5H    |
| SURFACE HOLE FOOTAGE: | 544'/N & 1980'/E             |
| BOTTOM HOLE FOOTAGE:  | 330'/S & 660'/E              |
| LOCATION:             | SECTION 21, T19S, R34E, NMPM |
| COUNTY:               | LEA                          |

|                      |                                       |  |                               |
|----------------------|---------------------------------------|--|-------------------------------|
| Potash               | <input checked="" type="radio"/> None | <input type="radio"/> Secretary            | <input type="radio"/> R-111-P |
| Cave/Karst Potential | <input checked="" type="radio"/> Low  | <input type="radio"/> Medium               | <input type="radio"/> High    |
| Wellhead             | <input type="radio"/> Conventional    | <input checked="" type="radio"/> Multibowl |                               |

**All other previous CoAs still apply:**

**A. MULTIBOWL VARIANCE**

1. The operator has proposed a multi-bowl wellhead assembly. The following requirements must be met:
  - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
  - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
  - c. Manufacturer representative shall install the test plug for the initial BOP test.
  - d. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.
  - e. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.

**01/17/2019 DR**