

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB NO. 1004-0135  
Expires January 31, 2004

MAR 26 2009

Lease Serial No

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 ATIN: ZENO FARRIS

3a. Address

5215 N. O'CONNOR BLVD., STE. 1500, IRVING, TX 75039

3b Phone No (include area code)

972.443.6489

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

UNIT LETTER O

855' FSL & 1,330' FEL

SECTION 24, T-17S, R-29E

LC-028784-C

6 If Indian, Allottee or Tribe Name

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

NM 70954A

8. Well Name and No.

GRAYBURG DEEP UNIT #16

9 API Well No.

30-015-34141

10. Field and Pool, or Exploratory Area

SAND TANK; MORROW (GAS)

11 County or Parish, State

EDDY

NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                      | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat              | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction            | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other          |
| <input type="checkbox"/> Change Plans         | <input checked="" type="checkbox"/> Plug and Abandon | <input 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 shall 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 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 final site is ready for final inspection.)

COMPLY WITH ALL COMPANY & GOVERNMENT ENVIRONMENT & SAFETY REGULATIONS. ANYONE ON THE JOB LOCATION HAS THE AUTHORITY TO SHUT DOWN UNSAFE OPERATIONS.

1) SET 5-1/2" CIBP @ +/-10,550'; MIX & PUMP A 25 SX. CMT. PLUG ON TOP OF CIBP; CIRC WELL W/ PXA MUD.

2) MIX & PUMP A 25 SX. CMT. PLUG @ 9,355'-9,155' (DV TOOL).

\*3) MIX & PUMP A 25 SX. CMT. PLUG @ 7,750'-7,550' (W.C.) \*Add Plug, Inter shoe 4788-4580 WOC Tag

4) CUT & PULL 5-1/2" CSG. @ +/-4,100'.

5) MIX & PUMP A 65 SX. CMT. PLUG @ 4,150'-3,950'; WOC & TAG TOP OF CMT. PLUG.

\*6) MIX & PUMP A 45 SX. CMT. PLUG @ 2,725'-2,625' (S.A.). 120' \*Add Base of Salt plug 940-1040' WOC Tag

7) MIX & PUMP A 45 SX. CMT. PLUG @ 570'-470'; WOC & TAG TOP OF CMT. PLUG.

7) MIX & PUMP A 15 SX. CMT. SURFACE PLUG @ 33'-3'; DIG OUT & CUT OFF WELLHEAD 3' B.G.L. & INSTALL DRY HOLE MARKER. 60'

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

DAVID A. EYLER

Title

AGENT

Date 03/10/09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

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, and Title 43 U.S.C. Section 1212, 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.

APPROVED

MAR 22 2009

Date

JAMES A. AMOS  
SUPERVISOR-EPS

SALT SECTIONS TOP 405

RIMP ✓

CAVE / KARST NA

SPEC. WATER NA

TOL SURF

INT

PROD

4186 GBC

9405 1050

ST 2675

GL 4140

YOLD 4400

INBB 5590

ADD 6430

LC 7650

ST 10195

AT 10410

MR 10655

LDC 1750 - 7550 (200') 25 SX

DVT 9355 - 9155 (200') 25 SX

CTBA 10550' + 25 SX

DVT 10700 + 35' cm +

DVT 25' + 25' DV @ 9255

PERFORATIONS 1102 - 1108

10926 - 11600

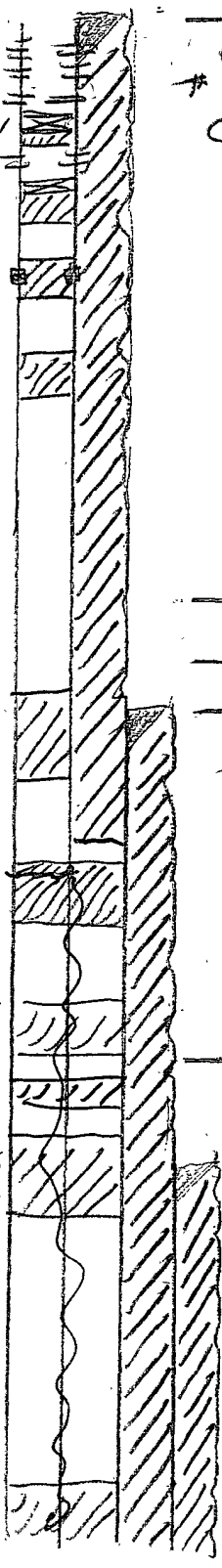
10774 - 10978

10782 - 10832

CTIP @ 10700

10612 - 10616

# 60' - 5' ft



HOLE SIZE 17 1/2

CASING SIZE 13 3/8 48#  
TD 520  
H-40

HOLE SIZE 12 1/4

700 4184 (CBC)  
J-55  
CASING SIZE 9 5/8 40#  
TD 4688

HOLE SIZE 8 3/4

P-110  
CASING SIZE 5 1/2 17#  
TD 11300  
ABTA 11163

BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

Permanent Abandonment of Federal Wells  
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

8. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.