

COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS

JUN 17 2008 **Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**

HOBBS OCD

SUBMIT IN TRIPPLICATE - 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

508 W. Wall, Ste. 600 Midland, TX 79701

3b. Phone No. (include area code)

432-571-7800

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

660' FSL & 660' FEL
34-19S-34E Unit P

5. Lease Serial No.

NM-052

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No

Mallon 34 Federal No. 10

9. API Well No.

30-025-32785

10. Field and Pool, or Exploratory Area

Lea; Delaware, NE

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 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, 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)

Cimarex requests permission to Plug and Abandon the Mallon 34 Federal #10 due to an unsuccessful Grayburg Recompletion.

Contact BLM 575-393-3612 prior to commencing work. Please follow Lesser Prairie Chicken Stipulation.

- 1) POOH w/tbg & pkr. RIH w/OE tbg & circ w/P&A mud. Mix & pump 50 sx cmt plug @ 5482'. Tag CIBP @ 5402'
- 2) Set CIBP @ +/- 5050'. Mix & pump 50 sx cmt plug on top of bridge plug.
- 3) Mix & pump 25 sx cmt plug 4625'-4425'.
- 4) Mix & pump 30 sx cmt plug 3625'-3335'. WOC & tag TOC plug 3335' or shallower.
- 5) Mix & pump 25 sx cmt plug 1950'-1750'. WOC & tag TOC plug 1750' or shallower.
- 6) (Repeat of step 5 - omitted by Wesley Ingram).
- 7) Mix & pump 25 sx cmt plug 1565'. WOC & tag TOC plug 1425' or shallower.
- 8) Mix & pump 25 sx cmt plug 350'. WOC & tag TOC plug.
- 9) Mix & pump 10 sx cmt surface plug 63'-3'.
- 10) Dig out & cut off wellhead 3' BGL. Weld steel plate on csg, install dry hole marker & clean location.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Name (Printed/Typed)

Laci Luig

Signature

Title

Engineer Tech.

Date

June 10, 2008

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

APPROVED

JUN 6 2008

WESLEY W. INGRAM
PETROLEUM ENGINEER

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)

CIMAREX ENERGY CO.

Mallon 34 Federal #10

Spud

API 30-025-32785

CURRENT COMPLETION

KB: 3692'

DF:

GL: 3686'

660' FSL & 660' FEL

Sec 34, T19S R34E

Lea County, NM

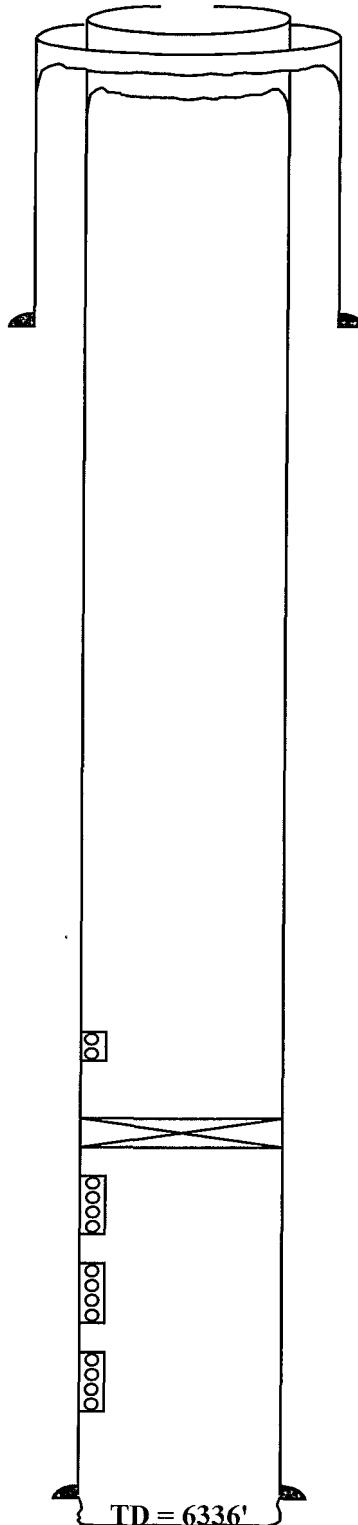
Casing Strings:

9 5/8" 36# @ 1508'

TOC @ surface (circ)

5 1/2" 17# @ 6340'

TOC @ surface (circ)



Perfs

5112'-5126'

5580'-5594'

5608'-5628'

5730'-5750'

5764'-5784'

6032'-6052'

6057'-6077'

CIBP 5482'

TD = 6336'

LDL 6/9/08

CIMAREX ENERGY CO.

Mallon 34 Federal #10

Spud

API 30-025-32785

PROPOSED COMPLETION

KB: 3692'

DF:

GL: 3686'

Casing Strings:

9 5/8" 36# @ 1508'

TOC @ surface (circ)

5 1/2" 17# @ 6340'

TOC @ surface (circ)

660' FSL & 660' FEL

Sec 34, T19S R34E

Lea County, NM

10 sx cmt plug 3'-63'

25 sx cmt plug 350'

25 sx cmt plug 1565'

25 sx cmt plug 1750'-1950'

30 sx cmt plug 3335'-3625'

25 sx cmt plug 4425'-4625'

CIBP +/- 5050' w/50 sx cmt

CIBP 5482' w/50 sx cmt

Perfs

5112'-5126'

5580'-5594'

5608'-5628'

5730'-5750'

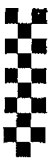
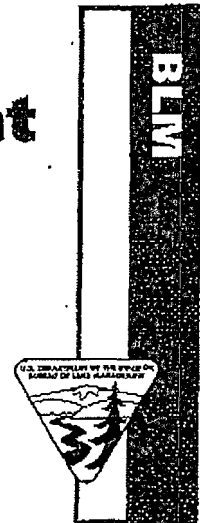
5764'-5784'

6032'-6052'

6057'-6077'

TD = 6336'

LDL 6/9/08

**Bureau of Land Management****Carlsbad Field Office****620 E. Greene St.****Carlsbad, NM 88220-6292****Phone: 505-234-5972****Fax: 505-885-9264****Fax Cover Sheet****To: Chad McGehee****Phone: 432-571-7842****Fax: 432-571-7832****Office:****From: Wesley Ingram****Phone: 575-234-5982****Number of pages including cover sheet:**5**Remarks: On official copy, submit current****well bore and proposed plugged well bore.**

*Note - Prairie Chicken
Requirements*

3160-5
Form 1984

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

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 (APP) for such proposals.

FORM APPROVED
OIA 100-10435
Expires July 31, 1988

7. Lease Serial No.
NM-052

8. Indian Name or Tribal Name

9. If Unit or CAA Agreement, Name and/or No.

10. Well Name and No.
Mallon 34 Federal No. 10

11. APL Well No.
30-025-32785

12. Field and Pool or Exploration Area
Lea, Delaware, NE

13. County or Parish, State
Lea County, NM

1. Type of Well:
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Cimarex Energy Co. of Colorado

3a. Address
508 W. Wall, Ste. 600 Midland, TX 79701

3b. Phone No. (Include Area Code)
432-571-7800

4. Location of Well (Footage, Sec., T., R., M. or Survey Description)
**660' FSL & 660' FEL
34-195-34E**

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"/> Abandon	<input type="checkbox"/> Deepen	<input type="checkbox"/> Redrill (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> After-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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporary Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Plugged	

13. Describe Proposed or Completed Operation (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. Use proposed to describe the drilling or recompletion horizontal or vertical wellbore locations and measured and true vertical depths of all perforations, zones, and zones. Attach the bond under which the work will be performed or provide the Bond No. on the back of this form. Describe subsequent reports that will be filed within 30 days of completion of the proposed operation. If the operator intends to plug and abandon or to complete a new horizontal well, Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all equipment, including machinery, have been completed and the operator has determined that the site is ready for final inspection.)

Cimarex requests permission to Plug and Abandon the Mallon 34 Federal #10 due to an unsuccessful Grayburg Recompletion.

- 1) POOH w/1 1/2" & 3/4" RIH w/DE 1 1/2" & 3/4" PBA mud. Mix & pump 50 sacks plug @ 5482'.
- 2) Set CIBP @ 47-5050'. Mix & pump 50 sacks plug on top of bridge plug.
- 3) Mix & pump 25 sacks plug 4625-4625'.
- 4) Mix & pump 25 sacks plug 4950-4950'.
- 5) Mix & pump 25 sacks plug 4950-4950'.
- 6) Mix & pump 25 sacks plug 4950-4950'.
- 7) Mix & pump 25 sacks plug 1555'. WOC & tag TOC plug.
- 8) Mix & pump 25 sacks plug 350'. WOC & tag TOC plug.
- 9) Mix & pump 10 sacks surface plug 63' 3".
- 10) Dig out & cut off wellhead @ 661'. Weld steel plate on top & install dry hole marker.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

*Lesser prairie
chicken strips*

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

Last Name

Signature

Title

Engineer-Tech.

Date

JUNE 6, 2008

APPROVED

Approved by

Conditions of Approval, if any, are attached. Approval of this notice does not constitute or certify that the applicant holds legal or equitable title to those rights in the subject lease which would enable 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 a false statement or representation as to any matter within its jurisdiction.

(Instructions on reverse)

JUN 6 2008

**WESLEY W. INGRAM
PETROLEUM ENGINEER**

**Mallon 34 Federal 10
Cimarex Energy Co. of Colorado
June 6, 2008
Plug and Abandonment
Conditions of Approval**

0. Contact BLM 575-393-3612 prior to commencing work.
1. Ok with the following comments: Tag existing CIBP @ 5482'. 50 sacks will give approximately 500' of coverage. Depending on how much the Grayburg perforations take, this may block the set point for the next CIBP.
2. Ok
3. Ok
4. Move plug to 3625'. Plug to extend to 3335'. This will be top of Yates and base of salt plug. This will require approximately 30 sacks and is to be tagged at 3335' or shallower.
5. Ok – this is top of Salt plug and is to be tagged at 1750' or shallower.
6. This one is a repeat of step 5 – NOT NEEDED.
7. Ok – plug to be tagged at 1425' or shallower.
8. Ok
9. Ok
10. Ok – clean location.

WWI 060608

Lesser Prairie-Chicken Stipulations

Timing Limitation Stipulation / Condition of Approval for lesser prairie-chicken:

Oil and gas activities including 3-D geophysical exploration, and drilling will not be allowed in lesser prairie-chicken habitat during the period from March 15 through June 15 annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, pipeline, road, power line, and well pad construction, will be allowed except **between 3:00 am and 9:00 am**. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 feet from the source of the noise.

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 90th day provide this office, prior to the 90th 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 brine 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 3160-6 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.