

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED
OCD-HOBBS
SUNDY 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.

RECEIVED
JUN 18 2010
HOBBSOCD

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

3a. Address
600 N Marienfeld St 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' FNL & 660' FWL
35-19S-34E

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 35 Fed No. 1

9. API Well No

30-025-32983

10. Field and Pool, or Exploratory Area

Lea; Delaware, Northeast

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Convert to SWD

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 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 site is ready for final inspection.)

Current TA expires on 06-12-10 with CIBP @ 5860' and 35' cmt (over perfs @ 5904' - 6135'). TOC @ 5825'

- Propose to add additional Class C cement on existing CIBP for a minimum of 50' above top of Delaware @ 5606.'
- Will add CIBP @ 4600' w/ 35' Class C cement to satisfy OCD requirement of cement within 200' of bottom injection perf.
- Cimarex proposes to add Seven Rivers perfs at 3932' - 4404' and convert well to a SWD. See attached current and proposed WBD's.

Authority to inject approved under OCD SWD-1218.

**SUBJECT TO LIKE
APPROVAL BY STATE**

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Name (Printed/Typed)

Zeno Farris

Signature

Title

Manager Operations Administration

Date

May 3, 2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

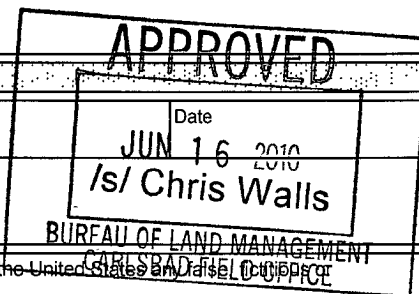
Title

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

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 or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



MALLON 35 FED #1 SWD CONVERSION

API # 30-015-32983

660' FNL & 660' FWL

Section 35, 19S, R-34E

Lea County, New Mexico

GL : 3715' KB : 3724'

TD : 8330' PBTD: 5825' (CMT ON CIBP)

SURF CSG : 9-5/8" OD 36#/FT K-55 AT 1486' TOC 0' (CIRC)

PROD CSG : 5-1/2" OD 15.5/17# K55/N80 @ 6306' W/ 1700 SX TOC 260' ()

TUBING: NONE

PERFS: PROPOSED: SEVEN RIVERS 3932-4404

UNDER PLUG: DELAWARE 5904'-6135'

1. MIRU PU. NDWH – NUBOP. RU WIRELINE. RIW W/ 4 1/2" GR-JB TO 5000'. RIW W DUMP BAIL AND DUMP CMT ON EXISTING PBTD SO THAT NEW PBTD IS 5550'. WILL NEED TO TAG NEW PBTD.
2. RIW W 5 1/2" CIBP AND SETTING TOOL. CORRELATE TO Cased Hole Log X/X/XXXX. SET CIBP @ 4600'. DUMP BAIL 35' CMT.
3. RIW W 3 3/8" PERF GUN W/ CCL. PERFORATE SEVEN RIVERS THROUGH CSG, 3 SPF, 120 DEG PHASING AS FOLLOWS:

| STAGE | TOP | BOTTOM | FEET | HOLES |
|-------|------|--------|------|-------|
| 1A | 4398 | 4404 | 6 | 18 |
| 1B | 4362 | 4371 | 9 | 27 |
| 2 | 4328 | 4354 | 26 | 78 |
| 3 | 4064 | 4093 | 29 | 87 |
| 4 | 4037 | 4048 | 11 | 33 |
| 5 | 3932 | 3956 | 24 | 72 |
| TOTAL | | | 105 | 315 |

CORRELATED TO XXXXX LOG, X/X/XXXX

4. RIH W/ RBP W/ BALL CATCHER, TREATING PACKER, SN ON WORKSTRING. ACIDIZE YATES PERFS USING 15% HCL W/ ADDITIVES. ACIDIZE PER ATTACHED SCHEDULE IN THREE STAGES:

| STAGE | RBP | PKR | ACID GAL | BALLS | PRESS |
|-------|------|------|----------|-------|-------|
| 1 | 4420 | 4220 | 3500 | 175 | |
| 2 | 4110 | 3970 | 3500 | 175 | |
| 3 | 3970 | 3915 | 2000 | 100 | |

5. SWAB BACK LOAD UNTIL PH>4.5
6. POOH W/ WORKSTRING, PACKER AND RBP.
7. RIH W/ NCOD-PCID AS-1X PKR, 2 7/8" INJECTION STRING. SET PACKER 3920'. RELEASE OOT, CIRCULATE WELL WITH PACKER FLUID. LATCH PKR. TEST SCG TO 550#. IF IT TESTS, NDBOP – NUWH. RUN MIT TEST W/ BLM REP ON LOCATION. ESTABLISH INJECTION RATE, SCHEDULE STEP RATE TEST AND SUBMIT PAPERWORK.



Proposed New Perforations

Cimarex Energy Co. of Colorado

MALLON '35' FED #1

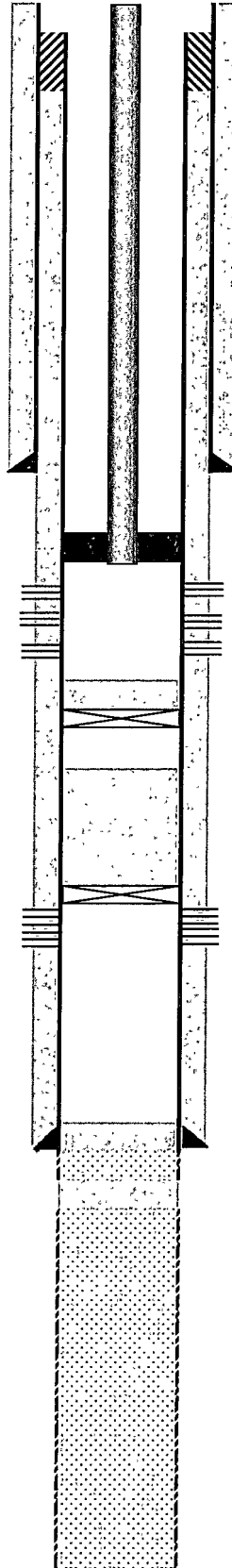
API 30-025-32983

660' FNL & 660' FWL, Sec 35, T19S R34E

Lea County, NM

GL 3715' KB 3724'

9 5/8" 36# K-55 csg @ 1486'
Cmt w/1100 sx, circ to surface



TOC 5 1/2" csg 260'

14 3/4" Hole to 1486'

2-3/8" IPC tubing w/ AS-1X packer at +/-3880'

Proposed Seven Rivers Perfs:

3932'-3956', 4037'-4048', 4064'-4093',
4328'-4354', 4362'-4371', 4398'-4404'

35' Class C cement plug
CIBP @ 4600'

New top of cement plug: 5550'
top of delaware: 5606'

CIBP @ 5860' (min 50' above top of Delaware - 5606')

Delaware Perfs:

5904' - 5922', 6103' - 6117', 6127' - 6135' (12/96)

5 1/2" 15.5 & 17# N80 & K55 @ 6596'
Cmt w/1700 sx TOC @ 260'.

PBTD after cmt csg: tagged 6536'
Wireline 6523'

40 sx cement plug 6613' - 6713'
(spotted before well was cased)

PBTD: 5860'
TD: 8330'

Open Hole from 6713' - 8330'.

8 3/4" Hole to TD 8330'

M. Ketter 9/30/2009

**Mallon 35 Federal 1
30-015-32983
Cimarex Co of Colorado
June 11, 2010
Conditions of Approval**

- 1. Tag existing cement on CIBP prior to adding cement.**
- 2. Surface disturbance beyond the existing pad must have prior approval.**
- 3. Closed loop system required.**
- 4. Operator to have H2S monitoring equipment on location as H2S has been reported from surrounding wells.**
- 5. A minimum of a 2M BOP is required and must be tested prior to performing operations.**
- 6. Subsequent sundry with wellbore schematic and completion report required.**

CRW 061110