

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

No. 1819 APPL. 2
OMB No. 1004-0135
Expires July 31 1998

RECEIVED

APR 17 2009

HOBBSOCD

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

3a. Address
5215 N. O'Connor Blvd ste 1500 Irving, TX 75039

3b. Phone No (include area code)
972-401-3111

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
990' FSL & 990' FEL
23-25S-37E

5. Lease Serial No

NM-0766

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Carlson Federal 4

9. API Well No.

30-025-29373

10. Field and Pool, or Exploratory Area

Langlie Mattix ; 7 Rurs - Q-Grayburg

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 checked="" 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 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.)

Well is marginal Langlie Mattix Queen producer with pump down. Propose to to TOOH w/ rods, pump, tbq, and TAC and set CIBP @ 2920' and dump-balled 35' cmt (over Queen perfs @ 2946' - 3160') in preparation for 4th quarter Yates recompletion per attached procedure.

Cimarex would like to perform a CIT on this well by performing the following operations:

- Contact BLM to notify about the upcoming CIT
- Fill wellbore with corrosion-inhibited fluid
- Pressure-test well to 500# psi for 30 minutes
- Perform bradenhead test

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Approval Subject to MIT

We are requesting TA status at this time. See attached procedure.

LAST Prod. 8/2007 Well being Reported as GAS well Submit completion report

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

Name (Printed/Typed)

Zeno Farris

Signature

Zeno Farris

Title

Manager Operations Administration

Date

March 31, 2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

J. D. W. Attlock

[Signature]

Title

LPE T

Date

4/13/09

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

CFO



PROCEDURE SHEET – Permian Basin New Mexico
(PLEASE COMMENCE WITH WORK PER PROCEDURE)

Procedure Prepared By: Randy Hogan Date Prepared 11-26-08

Lease/Well No.: Carlson Federal 4

Location: Sec 23, T25S R37E 990 FSL 990 FEL
Lea County, New Mexico

Field: Langlie Mattix 7R-QN
Well Type: Oil

Status: Not Producing

Proposed Work: Re-complete to 7 Rivers & Yates

Datum: K.B. NA GL-3081.9

TD: 3800

PBTD: 3491

Casing: 9 5/8" 40# @ 435 ft. Cmt w/ 200 sks. Circ cmt.
7" 26# @ 3800 ft. DV Tool @ 2354 ft.
Cmt 1st stg w/ 350 sks, circ to dv tool
Cmt 2nd stg w/ 600 sks, clrc to surface

Tubing: 2 7/8" 6.5#, L-80 EUE 8 rd to 3228 ft
Rods: 2.5"x2"x16' pump, 5-1 1/2" sinker bars, 62-3/4", 59-7/8", 4'x 7/8" pony
rod, 1 1/2"x 22' polish rod w/ 10' liner

Perforations: Queens-2946,54,60,68,73,83,85,87,99,3003,06,08,20,50,61,74,80,88,95,97,
3135,59,3161

Proposed Perforations: Seven Rivers-2670,95-97,2724-27,2734-36,2741-43,2749,2761-64,
2770-77,2797-2803,2819-2822

Yates- 2292-98,2304-10,2327-36,2343,51,56,63,68,82,95,2401,19,29,
2435-40,2454-58,2476,2508-24

SAFETY NOTES:

1. No project or task is to be performed unless it can be done safely and without harm to the environment. All work must comply with all State and Federal Regulations and with Cimarex Safety and Environmental Policies.
2. All activities should be detailed in the morning reports.
3. Hold daily safety meetings and review all procedures with all contractors prior to performing the work.
4. Insure all contractors are familiar with and comply with all relevant Cimarex safety/environmental policies (pre-job safety meetings).
5. Spills should be prevented during all operations. Utilize a vacuum truck as necessary.
6. Verify that all pressurized lines and fittings meet or exceed the maximum anticipated working pressure.

PROCEDURE:

- 1) Test anchors. Clear location of any debris.
- 2) MIRUPU. Unhang well. Bleed well down. Unseat pump. POOW w/ rods & pump. Send in pump for inspection, wait on repairs, may need to down size the pump.
- 3) NDWH. NU BOP/ POOW w/ 102 jts 2 7/8" J-55 tbg, 2 7/8" SN, 2 7/8" perf sub & 2 7/8" BPMA tallying tbg.
- 4) RIW w/ 6 1/8" rental bit & 7" 26# csg scraper & 2 7/8" tbg to 2950 ft. POOW w/ 2 7/8" tbg, 7" csg scraper & 6 1/8" bit.
- 5) RIW w/ 7" CIBP-mechanical setting tool, 4 jts 2 7/8" tbg(fill 4 jts tbg w/ cmt) perf sub & 2 7/8" tbg. Set 7" CIBP @ 2920 ft-. Dump cmt on top of CIBP. POOW w/ 2 7/8" tbg, perf sub, 4 jts tbg & mechanical setting tool.
- 6) RU WL. RIW w/ 3 3/8" perforating guns/CCL. Correlate to cased hole log. Perforate Seven Rivers 1 SPF @ 2670,2695-2697, 2724-2727, 2734-2736, 2741-2743, 2749, 2761-2764, 2770-2777, 2797-2803, 2819-2822 38 holes. Yates Perfs @ 2292-2298, 2304-2310, 2327-2336, 2343, 2351, 2356, 2363, 2368, 2382, 2395, 2401, 2419, 2429, 2435-2440, 2454-2458, 2476, 2508-2524 63 holes. POOW w/3 3/8" perforating guns. RD WL.
- 7) RIW w/ 7" PKR-RBP w/ ball catcher. Set RBP @ 2850 ft. Pull PKR to 2575 ft. Set pkr. Acidize Seven Rivers perfs 2670-2822 w/ 1250 gals 7.5% HCL acid + 75 balls. Record 15 MSIP. Release pressure. Pull RBP to 2600 ft. Pull PKR to 2200 ft. Set pkr. Acidize Yates perfs 2292-2524 w/ 1500 gals 7.5% HCL acid + 125 balls. Record 15 MSIP. Flow well back. Move RBP back to 2850 ft. Pull PKR to 2200 ft. Swab test Seven Rivers & Yates perfs, establish stable FL & volumes.

- 8) Consult w/ engineering after stable fluid levels and any oil cuts. If productive, move forward w/ returning well to production.
- 9) Release PKR-RBP. POOW w/ 2 7/8" tbg & PKR-RBP. RIW w/ 2 7/8" Production tbg w/ SN @ 2850 ft +/-, EOT-2875 ft +/- No TAC.
- 10) RIW w/ pump & rods. Space out rods. Return well to production. Clean location. RDMOPU. Turn in well test for Re-completion paperwork.

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

**Temporary Abandonment of Wells on Federal Lands
Conditions of Approval**

A temporarily abandoned well is defined as a completion that is not capable of production in paying quantities but which may have value as a service well. 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.

Temporary Abandonment (TA) status approval requires a successful mechanical or casing integrity test as follows:

1. A Notice of Intent (NOI) Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).
2. A description of the temporary abandonment procedure.
 - a. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging.
 - b. 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 with a 10% allowable leakoff.
 - c. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
 - d. A bradenhead test must be conducted. If the test indicates a problem exists, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
 - e. 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.
3. Provides justification why the well should be temporarily abandoned rather than permanently plugged and abandoned and an estimated date that the well will be returned to beneficial use or plugged and abandoned.

Wells that successfully pass the casing integrity test may be approved for Temporary Abandonment (TA) status provided that the operator:

1. Submits a subsequent Sundry Notice (Form 3160-5) requesting TA approval.
2. Describes the temporary abandonment procedure.
3. Attaches a clear copy or the original of the pressure test chart.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.

Submit Subsequent Report and well bore diagram with all Perforations and CIBP with tops of cement. Well will be approved till 10/13/09 after successful MIT and subsequent report is submitted. Operator must submit plans for recompletion or plans to P&A well by October 13, 2009 Carlson Federal #4. Submit up dated 3160-4 completion report, well is being reported as a gas well not oil as per all sundries which have been received. Need to correct all production reports as per correct well type.