

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources  
**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
**RECEIVED**  
FEB 26 2016

Form C-103  
Revised August 1, 2011

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-23897
1. Type of Well: Oil Well      Gas Well    X      Other		5. Indicate Type of Lease STATE    X      FEE
2. Name of Operator CIMAREX ENERGY CO. OF COLORADO		6. State Oil & Gas Lease No.
3. Address of Operator 600 N. MARIENFELD, SUITE 600, MIDLAND, TEXAS 79701		7. Lease Name or Unit Agreement Name JURNEGAN STATE COM.
4. Well Location Unit Letter    G      :    2202    feet from the    NORTH    line and    1670    feet from the    EAST    line Section          12                                  Township    24S    Range    24E      NMPM                                  EDDY    County		8. Well Number 002
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,032' - GR		9. OGRID Number 162683
		10. Pool name or Wildcat MOSLEY CANYON; STRAWN

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

OTHER: ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A  
CASING/CEMENT JOB ☐

OTHER:

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- 1) SET 4-1/2" CIBP @ 9,300'; PUMP 25 SXS. CMT. @ 9,300'-9,100'; CIRC. WELL W/ PXA MUD.
- 2) PUMP 25 SXS. CMT. @ 8,340'-8,160' (T/WC).
- 3) PERF. X ATTEMPT TO SQZ. 50 SXS. CMT. @ 5,155'-5,005' (T/B.S.); WOC X TAG CMT. PLUG.
- 4) PERF. X ATTEMPT TO SQZ. 45 SXS. CMT. @ 4,341'-4,201' (CSG.PATCH).
- 5) CUT X PULL 4-1/2" CIBP @ +/-2,660'.
- 6) PUMP 65 SXS. CMT. @ 2,784'-2,610' (T/DLWR., 4-1/2" CSG. STUB, 9-5/8" CSG.SHOE); WOC X TAG CMT. PLUG.
- 7) PUMP 45 SXS. CMT. @ 534'-434' (13-3/8" CSG.SHOE).
- 8) MIX X CIRC. TO SURF. 25 SXS. CMT. @ 63'-3'.

DURING THIS PROCEDURE WE PLAN TO USE THE CLOSED-LOOP SYSTEM W/ A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

Spud Date:

Rig Release Date:

well bore must be plugged by 2/26/2017

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

*David A. Eyler*

TITLE: AGENT

DATE: 02/24/16

Type or print name: DAVID A. EYLER

E-mail address: DEYLER@MILAGRO-RES.COM PHONE: 432.687.3033

**For State Use Only**

APPROVED BY:

*J. Wade*

TITLE

*Dr. J. P. Sperson*

DATE

*2/26/2016*

Conditions of Approval (if any):

*\* See Attached CCH's*



KB : 22' above GL

Cimarex Energy Co. of Colorado

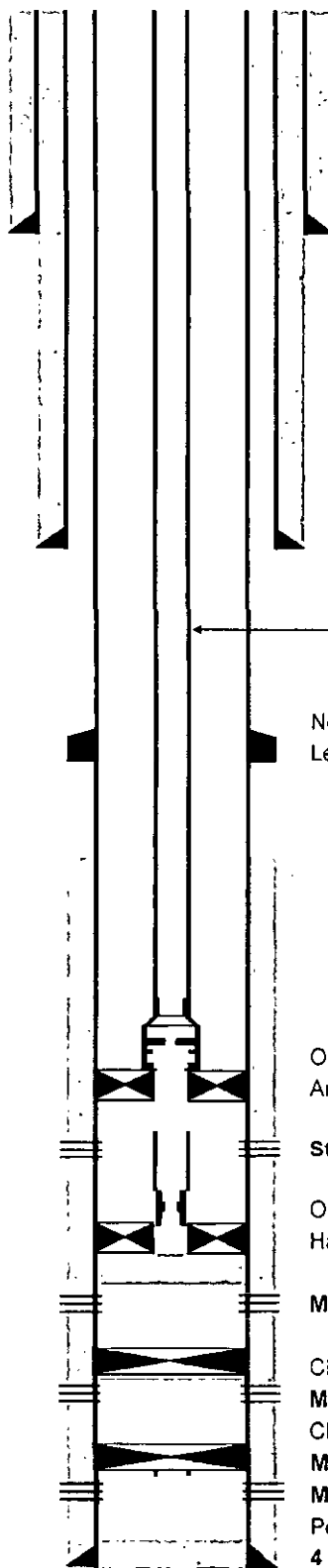
Jurnegan State Com #2

2202' FNL & 1670' FEL J126

Sec. 12, T-24-S, R-24-E, Eddy Co., NM

S. Gengler 03/03/2011; Pearcy 2/28/14

30-015-23897



13 3/8", 48# H-40 csg @ 484'  
cmted w/ 580 sx, cmt circ

9 5/8", 36# K-55 csg @ 2660'  
cmted w/ 1750 sx, 1" w/ 325 sx to surface

2 3/8" 4.7# Tbg

New casing and  
Lead patch and bowl at 4271' (3/02)

TOC @ 8200' by TS

On-Off Tool w/ 1.87" profile nipple @ 9305'  
Arrowset 1X pkr @ 9312'

Strawn perfs (9387' - 9612')

On-Off Tool w/ 1.81" F profile nipple w/ plug in place  
Halliburton Versaset pkr @ 10351'

Morrow perfs (10410' - 10432')

CIBP @ 10460', PBTD @ 10448'

Morrow perfs (10464' - 10470') Swb dry, non-prod

CIBP @ 10505', PBTD @ 10493'

Morrow perfs (10516' - 10560') swb 105 bw, little gas, non-prod

Morrow perfs (10683' - 10815'), IP 1334 mcfd

Perf gun fish @ 10571 (5/17/04)

4 1/2" 11.6# N-80 @ 10933' cmted w/ 1780 sx

TD @ 10933'

PBTD @ 10854'

**CIMAREX**

KB : 22' above GL

Cimarex Energy Co. of Colorado

Jurnegan State Com #2

2202' FNL & 1670' FEL *ULG*

Sec. 12, T-24-S, R-24-E, Eddy Co., NM

S. Gengler 03/03/2011; Pearcy 2/28/14

30-015-23897

CIRC. 25 SXS. @ 63'-3'

13 3/8", 48# H-40 csg @ 484'  
cmt'd w/ 580 sx, cmt circ

Pump 45 SXS. @ 534'-434'-TAG

Pump 65 SXS. @ 2784'-2610'-TAG

9 5/8", 36# K-55 csg @ 2660'  
cmt'd w/ 1750 sx, 1" w/ 325 sx to surface

CUT X PULL 4 1/2" CBL @ 2660'

New casing and  
Lead patch and bowl at 4271' (3/02)

PERF. X SQZ. 45 SXS. @ 4341'-4201'

PERF. X SQZ. 50 SXS. @ 5155'-5005'-TAG

TOC @ 8200' by TS

Pump 25 SXS. @ 8340'-8160'

Pump 25 SXS. @ 9300'-9100'

SET 4 1/2" CFBP @ 9300'

Strawn perms (9387' - 9612')

On-Off Tool w/ 1.81" F profile nipple w/ plug in place  
Halliburton Versaset pkr @ 10351'

Morrow perms (10410' - 10432')

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4 1/2" 11.6# N-80 @ 10933' cmt'd w/ 1780 sx

TD @ 10933'

PBD @ 10854'

T/ DLWR. ~ 2,734'

T/ B.S. ~ 5,080'

T/ W.C. ~ 8,250'

T/ STWN. ~ 9,780'

*DAE 02/22/16*

NEW MEXICO OIL CONSERVATION DIVISION  
DISTRICT 2 OFFICE  
811 S. FIRST STREET  
ARTESIA, NM 88210  
(575)748-1283

**CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT**

Operator: Cimarex  
Well Name & Number: Jungoer Sts Com 2  
API #: 30-015-23897

1. Produced water **will not** be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged **ONLY**. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perms, before any plugs can be set, by whatever means possible.
8. **Cement Retainers may not be used.**
9. **Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.**
10. **Plugs may be combined after consulting with and getting approval from NMOCD.**
11. **Minimum WOC time for tag plugs will be 4 Hrs.**
12. **19.15.7.16 : B.** In the case of a dry hole, a complete record of the well on form C-105 with the attachments listed in Subsection A of 19.15.7.16 NMAC shall accompany the notice of intention to plug the well, unless previously filed. The division shall not approve the plugging report or release the bond the operator has complied with 19.15.7.16 NMAC.

DATE:

2/26/2016

APPROVED BY:



### N.M.O.C.D.- Guidelines For Plugging

- All cement plugs will be a minimum of 100' in length, or a minimum of 25sx. Of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sx. Of gel per 100 bbls. Of water.
- A cement plug is required to be set 50' below, and 50' above all casing shoes, and casing stubs. **These plugs must be tagged.**
- A CIBP with 35' of cement on top, may be set instead of 100' plug.
- A plug as indicated above, must be placed within 100' of top perforation. **This plug must be tagged.**
- Plugs set above and below all salt zones, **must be tagged.**
- No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.
- D.V. tools are required to have a 100' cement plug set 50' above, and 50' below the tool. **This plug must be tagged.**

Formations to be isolated with plugs placed at the top of each formation are:

- Fusselman
- Devonian
- Morrow
- Wolfcamp
- Bone Springs
- Delaware
- Any salt section (plug at top and bottom)
- Abo
- Glorietta
- Yates ( this plug is usually at base of salt section)

If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths, or casing must be perforated and squeezed behind casing at the formation depths.

In the R-111P area (Potash mine area) a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.