

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

Form C-103
 Revised August 1, 2011

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (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.) 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-015-20657
2. Name of Operator CIMAREX ENERGY CO. OF COLORADO		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 600 N. MARIENFELD, SUITE 600, MIDLAND, TEXAS 79701		6. State Oil & Gas Lease No.
4. Well Location Unit Letter A : 330 feet from the NORTH line and 830 feet from the EAST line Section 32 Township 18S Range 31E NMPM EDDY County		7. Lease Name or Unit Agreement Name NEW MEXICO "Y" STATE
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,598' - GR		8. Well Number 005
9. OGRID Number 162683		10. Pool name or Wildcat SHUGART; YATES-7-R-Q-GB

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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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 @ 2,600'; PUMP 70 SXS. CMT. @ 2,600'-1,924' (T/YATES, B/SALT); CIRC. WELL W/ PXA MUD.
- 2) PUMP 45 SXS. CMT. @ 945'-550' (8-5/8" CSGS.SHOE, T/SALT, T/ANHY.); WOC X TAG CMT. PLUG.
- 3) PERF. X ATTEMPT TO CIRC. TO SURFACE, FILLING ALL ANNULI, 55 SXS. CMT. @ 150'-3'.
- 4) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; VERIFY CMT. TO SURF. ON ALL ANNULI; WELD ON STEEL PLATE
 TO CSGS. X INSTALL DRY HOLE MARKER.

Approved for plugging of well bore only.
 Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms. www.emnr.state.nm.us/oed.

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:

NM OIL CONSERVATION
 ARTESIA DISTRICT
 NOV 18 2015

Well Bore must Be Plugged by 11-20-2016

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

RECEIVED

SIGNATURE David A. Eyer TITLE: AGENT DATE: 11/16/15

Type or print name: DAVID A. EYLER E-mail address: DEYLER@MILAGRO-RES.COM PHONE: 432.687.3033

For State Use Only

APPROVED BY: JD Wade TITLE Dist. Supervisor DATE 11-20-2015

Conditions of Approval (if any):

* See Attached COA's



Cimarex Energy Co. of Colorado

New Mexico "Y" State #5

API #30-015-20657

330' FNL & 830' FEL

Sec. 32, T-18-S, R-31E, Eddy Co., NM

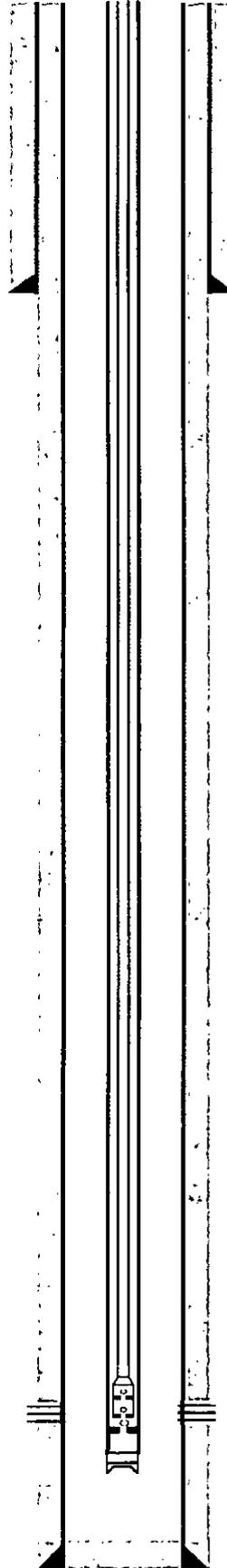
J Piwetz

11/12/2015

Spudded 6/6/1972

Original Operator: Shenandoah Oil

GL = 3598'



8 5/8", 24# csg @ 895'
cmtd w/ 275 sx

Tubing Detail (6/5/08)

86 jts 2-3/8" J-55

1 2-3/8" API SN

1 2-3/8" Perf Sub

1 2-3/8" BPMA

Rod Detail (6/6/08)

1 1-1/4" x 16' PSPR x 1-1/2" x 5' PRS

2 3/4" x 6' pony rods

106 3/4" x 25' rods

1 3/4" x 2' pony rod

1 2" x 1-1/2" x 10' RWBC pump + 1" x 8' GA

Yates perfs: 2623 - 2633'

TD = 2779'
PBD = 2771'

4-1/2", 9.5# K-55 @ 2774' cmtd w/ 250 sx
TOC = Unknown



Cimarex Energy Co. of Colorado

New Mexico "Y" State #5

API #30-015-20657

330' FNL & 830' FEL

Sec. 32, T-18-S, R-31E, Eddy Co., NM

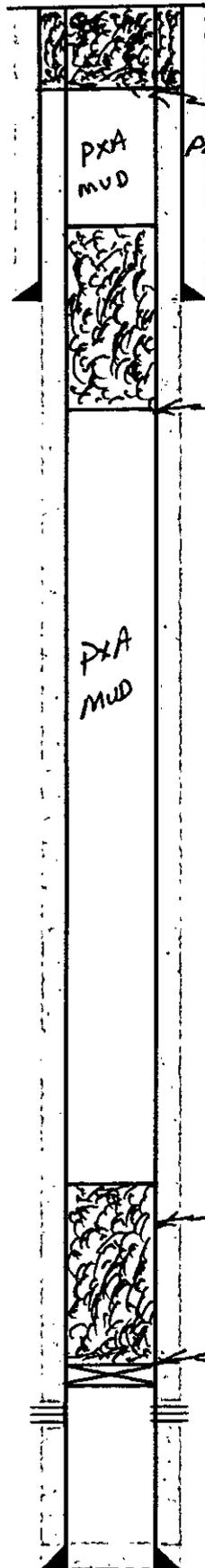
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11/12/2015

Spudded 6/6/1972

Original Operator: Shenandoah Oil

GL = 3598'



PERF. X CIRC. 85 SX. @ 450'-3'

8 5/8", 24# csg @ 895'
cmtd w/ 275 sx

Pump 45 SX. @ 945'-550'-7AC

PXA
MUD

Pump 70 SX. @ 2600'-1924'

SET 4 1/2" CIBP @ 2600'

Yates perms: 2623 - 2633'

4-1/2", 9.5# K-55 @ 2774' cmtd w/ 250 sx
TOC = Unknown

TD = 2779'
PBD = 2771'

JAE 11/16/15

T/ANHY ~ 600'
T/SALT ~ 800'
B/SALT ~ 1,974'
T/YATES ~ 2,540'

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: New Mexico Y State 5
API #: 30-015-20657

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: 11/20/2015

APPROVED BY: ARS

GUIDELINES FOR PLUGGING AND ABANDONMENT

DISTRICT II / ARTESIA

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

- Formations to be isolated with plugs placed at the top of each formation are:
 - Fusselman
 - Devonian
 - Morrow
 - Wolfcamp
 - Bone Spring
 - Delaware
 - Any Salt Section (Plug at top and bottom)
 - Abo
 - Glorieta
 - Yates (this plus 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 cement squeezed behind casing at the formation depths.
- In the R-111-P 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 (50' below and 50' above).