

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO. 30-015-34140
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VA-2115, VA-2116
7. Lease Name or Unit Agreement Name St. 16-13
8. Well Number 1
9. OGRID Number 25706
10. Pool name or Wildcat Rocky Arroyo

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 ☐ Gas Well ☒ Other ☐

2. Name of Operator
Clayton Williams Energy, Inc.

3. Address of Operator
6 Desta Dr. Ste. 3000 Midland, TX 79705

4. Well Location
Unit Letter M : 660 feet from the South line and 660 feet from the West line
Section 16 Township 22S Range 22E NMPM County: Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4364

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- 25 LTR
- 4 1/2" CIBP @ 4400' w/ 158x cmt. Circ well w/P&A mud.
 - 60sx 1750'-1600' P.S & tag.
 - 25sx 60' to surf. P.S & verify visual cement to surf.
 - Cut off WH & mast anchors. Install DHM. RR. RDMO.

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.emnrd.state.nm.us/oed.

WELL MUST BE PLUGGED BY 4/28/2017

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 25 2016

RECEIVED

Closed Loop System 10lb. Gelled Brine between all plugs.

Note: Csg tested to 1000psi prior to executing perfs from 4488'-4932'.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE [Signature] TITLE ENVIRONMENTAL REGULATOR DATE 4-17-16

Type or print name _____ E-mail address: _____ Telephone No. _____
For State Use Only

APPROVED BY [Signature] TITLE COMPLIANCE OFFICER DATE 4/28/2016
Conditions of Approval (if any):

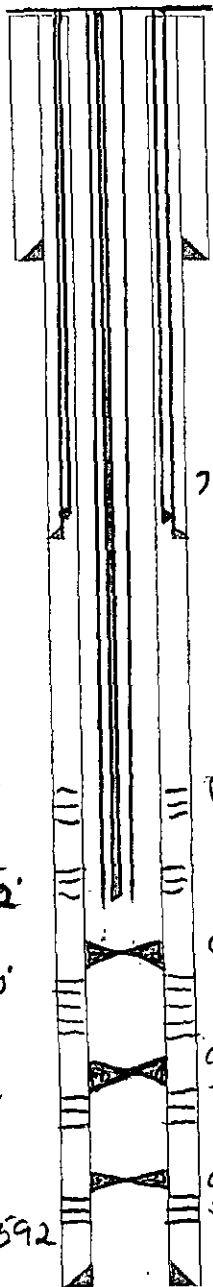
SEE COA-S ATTACHED

MAVERICK WELL PLUGGERS

COMPANY: **CWE Inc.**
 WELL NAME: **St. 16-13**
 WELL #: **1**
 COUNTY: **Eddy**
 LEASE ID:

SURFACE CASING				
OD	WT/FT	GRADE	SET AT	TOC
8 5/8	24	J-55	1700	UNK
INTERMEDIATE CASING				
OD	WT/FT	GRADE	SET AT	TOC
7	26 K	UNK	1680	UNK
PRODUCTION CASING				
OD	WT/FT	GRADE	SET AT	TOC
4 1/2	13.5	L-80	9400	2480
TUBING				
OD	WT/FT	GRADE	SET AT	TAC
2 3/8	4.7	J-55	± 5175'	NO

BEFORE



5-7-07
 Tilt w/ tbs.
 + Rods NO
 pump ± 5175'
 S.I.

7" set @ 1680 w/ 140SX TOC
 UNK.

8 5/8 24 PPF
 Set @ 1700'
 w/ 1255SX
 TUC UNK.

Press. test
 CS to 1000 PSI
 prior to Perfor.

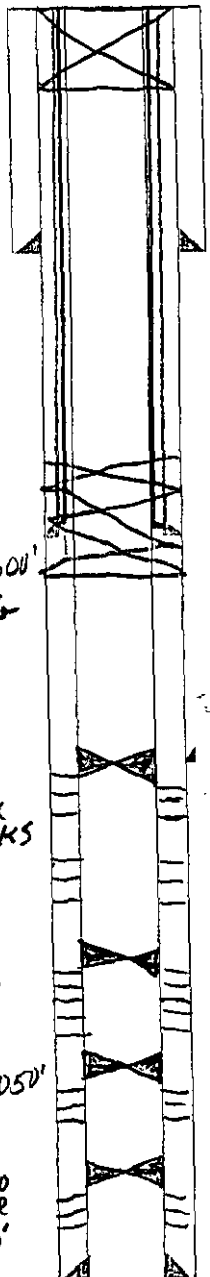
CIBP @ 5285'
 w/ 35' cement

Compo Plug
 Set @ 7050'
 w/ 35' cement

Compo Plug
 Set @ 7800'

4 1/2 13.5 PPF
 Set @ 9400'
 1100SX TAC 2480' CBL

AFTER



Perf @ 60'
 Cement to
 Surf
 Verify
 Visual
 255K.

P, 5g2
 60SX
 1750'-1600'
 WOLTAG

CIBP
 @ 4400'
 w/ 155SX
 255KX

CIBP
 @ 5285'
 w/ 35' C.

Compo
 plug @ 7050'
 w/ 35' C.

Compo
 Plug @
 7800'

TD @ 9400'

23g tbs
 Rods
 NO
 pump

Perfs 4488'-
 4530'

Perfs 4802'-
 4932'

Perfs 5310'-
 6860'

OUTOOL
 25436'

Perfs 7066'-
 7762'

Perfs 7846'-
 8592'

TD @

**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: _____
Well Name & Number: _____
API #: _____

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 perfs, 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:

APPROVED BY:

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 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 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).