

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 July 18, 2013

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.)		WELL API NO. 30-015-32480
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Chi Operating, Inc. Linn Operating		6. State Oil & Gas Lease No.
3. Address of Operator 600 MAZUS STREET Houston, TX 77002 P.O. Box 1799 Midland, TX 79702		7. Lease Name or Unit Agreement Name Collatt
4. Well Location Unit Letter B : 660 feet from the North line and 1980 feet from the East line Section 1 Township 23-S Range 26-E NMPM County Eddy		8. Well Number 2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3217' GL		9. OGRID Number 004378 269324
		10. Pool name or Wildcat S Carlsbad Morrow

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"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

--MIRU. ND WH, NU BOP. POOH w/ Prod Equip
--RIH WL - Set CIBP @ 11,689'. Dumpbail 35' on top. Circ hole w/ MLF.
--Perf @ 8,700' - Sqz 45sx cmt to 8,600'.
--Perf @ 5,330' - Sqz 65sx cmt to 5,230'. WOC-Tag
--Perf @ 3,200' - Sqz 45sx cmt to 3,100'.
--Perf @ 1,600' - Sqz 45sx cmt to 1,500'. WOC-Tag
--Perf @ 100' - Circ 40sx cmt to surface
--POOH. Fill wellbore. Verify cmt @ surface in all annuli

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.

NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 08 2015

RECEIVED

well Bore must be Plugged By 9/8/2016

A closed-loop system will be used for all fluids from this wellbore and disposed of required by OCD Rule 19.15.17

Spud Date:

Rig Release Date:

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

SIGNATURE *Gary Eggleston* TITLE Agent - Basic Energy Services DATE 9/1/15

Type or print name Gary Eggleston E-mail address: _____ PHONE: 432-563-3355

For State Use Only

APPROVED BY: *Dr. Dade* TITLE *Dist. Supervisor* DATE 9/8/2015

Conditions of Approval (if any): ** See Attached COA's*

PLUGGING & ABANDONMENT WORKSHEET

(N STUNG 0809)

Api: 30-015-32480

OPERATOR CHI

LEASENAME Collatt

WELL # 2

SECT

BLK

Sur:

lease

FORMATION @ TD

FORMATION @ PSTD

20"
@ 40'
TOC surface

9 5/8
@ 5280'
TOC 100'

5 1/2
@ 11976'
TOC 8730'

	SIZE	SET @	TOC	TESTED BY
SURFACE				
INTMED 1				
INTMED 2				
PROD				
	SIZE	TOP	BOT	TOC
LINER 1				
LINER 2				
	CUT & PULL @		TOP - BOTTOM	
INTMED 1			FEET	
INTMED 2			FEET	
PROD				

TD

PLUGGING & ABANDONMENT WORKSHEET

8 STEPS (C&C)

Api: 30 - 015-32480

OPERATOR
LEASENAME

CH1
COLLAPSE

WELL # 2

P-5100' 35Ks
40x5
SUR.
1cuse

FORMATION @ TD
FORMATION @ PSTO

P-51600
70 45x5
70 7x5

TOC 40'

P-53200
45x5

95x5

TOC 5280
400'

	SIZE	SET @	TOC	INTERPRETED BY
SURFACE				
INTMED 1				
INTMED 2				
PROD				
	SIZE	TOP	BOT	TOC INTERPRETED BY
LINER 1				
LINER 2				
	CUT & PULL @			TOP - BOTTOM
INTMED 1				
INTMED 2				
PROD				

P-5
5330
65x5
WOL + TAM

P-5, 8700'
45x5

C1BP
11689

35Ks Dump ABailer
Pest 11789

542
11946
TOC 8730

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: LINN

Well Name & Number: Collatt #2

API #: 30-015-32480

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.

LD

9/8/2015

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).