

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

WELL API NO. 30-015-26332
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. NM-4681
7. Lease Name or Unit Agreement Name STATE 2
8. Well Number 4
9. OGRID Number 4323
10. Pool name or Wildcat SHUGART YATES 7R Q GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG WELL 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
CHEVRON U.S.A. INC.

3. Address of Operator
1500 SMITH RD. MIDLAND, TX. 79705

4. Well Location DATUM Y- LAT 32. X-LONG -103.
Unit Letter L : 2184 feet from the SOUTH line and 391 feet from the WEST line
Section 2 Township 19-S Range 30-E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,488' GR

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 ☐
CLOSED-LOOP SYSTEM ☐
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. 13 3/8" 48# @ 700', TOC SURF. 8 5/8" 24# @ 2,025' TOC SURF. 5 1/2" 15.5 # @ 3,300' TOC SURF. PERFS 2,928'-3,074'.

AS EARLY AS JANUARY 25, 2016 MOVE IN RIG & CMT EQUIPMENT, ND TREE, NU BOP & TEST. POOH RODS & TUBING.

SET CIBP @ 2,850', RIH CIR W/ SALT GEL. MIX & SPOT 110 SX CL "C" CEMENT FROM 2,850'-1,950', WOC & TAG, TEST. (QUEEN, 7 RIVERS, YATES, SHOE)

MIX & SPOT 95 SX CL "C" CEMENT FROM 750' BACK TO SURFACE.
CUT ALL CASING & ANCHORS & REMOVED 3' BELOW GRADE. WELD ON DRY HOLE MARKER. CLEAN LOCATION.
ALL CEMENT PLUGS CLASS "C", W/ CLOSED LOOP SYSTEM USED.

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

JAN 14 2016

Spud Date:

well Bore Must Be Plugged by 1-15-2017

Rig Release Date:

RECEIVED

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

SIGNATURE _____ TITLE Agent for Chevron U.S.A. DATE 12/17/15

Type or print name Monty L. McCarver E-mail address: monty.mccarver@cjes.com PHONE: 713-325-6288

For State Use Only

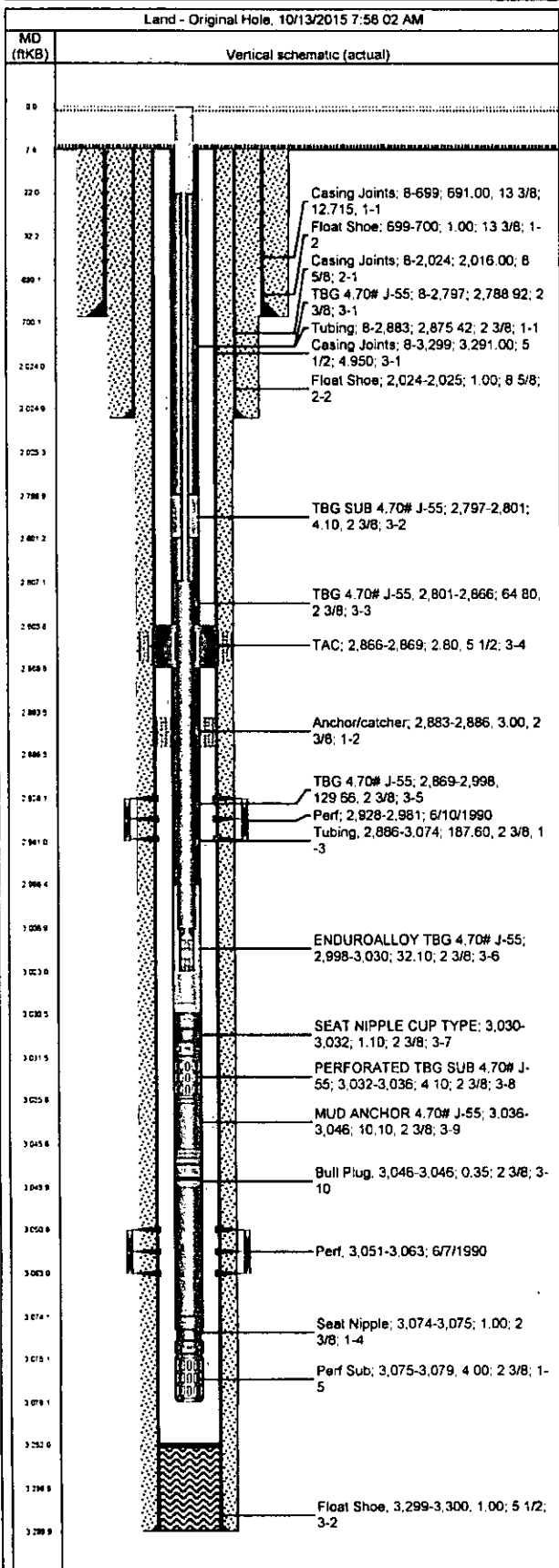
APPROVED BY: [Signature] TITLE District Supervisor DATE 1/15/16

Conditions of Approval (if any):



Wellbore Schematic

Well Name STATE '2' 004	Lease STATE 2	Field Name SHUGART	Business Unit Mid-Continent
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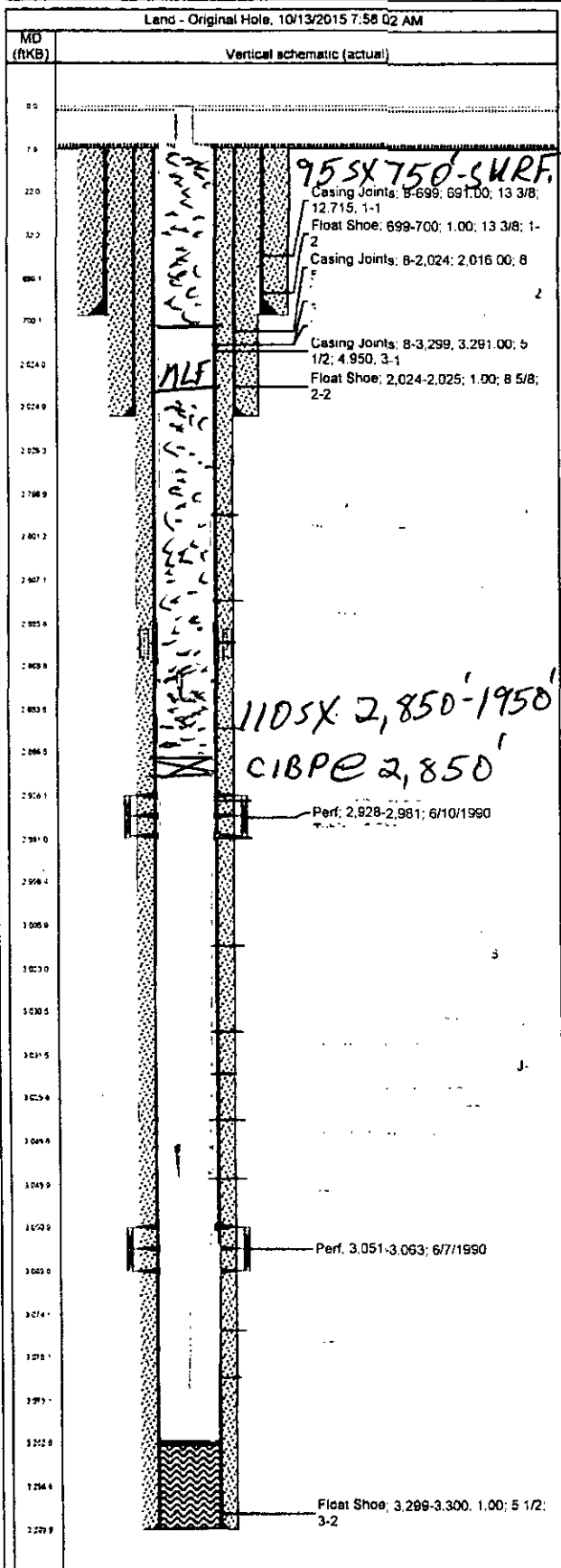
Job Details							
Job Category				Start Date		Rig/Unit End Date	
Well Services				11/7/2014		11/13/2014	
Casing Strings							
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (MD) (ftKB)		
Surface	13 3/8	48.00	H-40		700		
Intermediate	8 5/8	24.00	K-55		2,025		
Production	5 1/2	15.50			3,300		
Tubing Strings							
Tubing - Production set at 3,079.0ftKB on 5/12/2000 00:00							
Tubing Description			Run Date		String Length (ft)		Set Depth (MD) (ftKB)
Tubing - Production			5/12/2000		3,071.02		3,079.0
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)	
Tubing	92	2 3/8			2,875.42	2,883.4	
Anchor/catcher		2 3/8			3.00	2,886.4	
Tubing	6	2 3/8			187.60	3,074.0	
Seat Nipple		2 3/8			1.00	3,075.0	
Perf Sub		2 3/8			4.00	3,079.0	
Tubing set at 3,046.1ftKB on 11/11/2014 07:00							
Tubing Description			Run Date		String Length (ft)		Set Depth (MD) (ftKB)
Tubing			11/11/2014		3,038.03		3,046.1
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)	
TBG 4.70# J-55	87	2 3/8	4.70	J-55	2,788.92	2,797.0	
TBG SUB 4.70# J-55	1	2 3/8	4.70	J-55	4.10	2,801.1	
TBG 4.70# J-55	2	2 3/8	4.70	J-55	64.80	2,865.9	
TAC	1	5 1/2			2.80	2,868.7	
TBG 4.70# J-55	4	2 3/8	4.70	J-55	129.66	2,998.3	
ENDUROALLOY TBG 4.70# J-55	1	2 3/8	4.70	J-55	32.10	3,030.4	
SEAT NIPPLE CUP TYPE	1	2 3/8			1.10	3,031.5	
PERFORATED TBG SUB 4.70# J-55	1	2 3/8	4.70	J-55	4.10	3,035.6	
MUD ANCHOR 4.70# J-55	1	2 3/8	4.70	J-55	10.10	3,045.7	
Bull Plug	1	2 3/8			0.35	3,046.1	
Rod Strings							
Rod String on 11/12/2014 08:00							
Rod Description			Run Date		String Length (ft)		Set Depth (ftKB)
Rod String			11/12/2014		3,023.00		3,023.0
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)	
POLISHROD	1	1 1/2		C	22.00	22.0	
NORRIS ROD SUBS 4',6' W/SHT	1	3/4		D-90	10.00	32.0	
NORRIS RODS W/SHT	111	3/4		D-90	2,775.00	2,807.0	
SINKER BARS W/SHT	8	1 1/2		C	200.00	3,007.0	
GARNER PUMP	1	1 1/4			16.00	3,023.0	
Perforations							
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion		
6/10/1990	2,928.0	2,981.0	1.0	36			
6/7/1990	3,051.0	3,063.0	1.0				
Other Strings							
Run Date	Pull Date	Set Depth (ftKB)	Com				

P + A



Wellbore Schematic

Well Name STATE '2' 004	Lease STATE 2	Field Name SHUGART	Business Unit Mid-Continent
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Rod String on 11/12/2014 08:00							
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6/7/1990	3,051.0	3,063.0	1.0				
Other Strings							
Run Date	Pull Date	Set Depth (ftKB)	Com				

Signature Ken W. Gosnell

Printed Name

915/688-5672
Ken W. Gosnell

Title Engr. Tech.

Date 6/14/90

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

451
Bum
5/2/90
Bgm

WELL API NO. 30-015-26332
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. NM-4681

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Lease Name or Unit Agreement Name State "2"
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DEEP RESERV <input type="checkbox"/> OTHER <input type="checkbox"/>	8. Well No. 4
2. Name of Operator ARCO OIL AND GAS COMPANY	9. Pool name or Wildcat Shugart Yts SRQGR
3. Address of Operator P. O. Box 1610, Midland, Texas 79702	
4. Well Location Unit Letter <u>I</u> : <u>2184</u> Feet From The <u>South</u> Line and <u>391</u> Feet From The <u>West</u> Line Section <u>2</u> Township <u>19S</u> Range <u>30E</u> NMPM <u>Eddy</u> County	

10. Date Spudded 5-11-90	11. Date T.D. Reached 5-22-90	12. Date Compl. (Ready to Prod.) 6-7-90	13. Elevations (DF& RKB, RT, GR, etc.) 3488.6 GR	14. Elev. Casinghead
15. Total Depth 3300	16. Plug Back T.D. 3252	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/>	
19. Producing interval(s), of this completion - Top, Bottom, Name 2928-3063 Queen				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run LDT-CNL-GR-Cal, DLL-MSFL-GR				22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	700	17 1/2	750 sx C - Circ	
8 5/8	24	2025	12 1/4	930 sx - Circ	
5 1/2	15.5	3300	7 7/8	610 sx - Circ	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	2906	2906

26. Perforation record (interval, size, and number) 3051-3063 13 holes 2928-2981 36 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 30-51-3063 A w/1500 gals. F w/7500 gals. & 15,750# sd. 2928-2981 A w/2000 gals. Frac w/
---	--

PRODUCTION 25,000 gals & 63,000# sd.

Date First Production 6-8-90		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 6-10-90	Hours Tested 24	Choke Size 18/64	Prod'n For Test Period	Oil - Bbl. 93	Gas - MCF 59	Water - Bbl. 39	Gas - Oil Ratio 634
Flow Tubing Press. 160	Casing Pressure pkr	Calculated 24-Hour Rate	Oil - Bbl. 93	Gas - MCF 59	Water - Bbl. 39	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) sold	Test Witnessed By
--	-------------------

30. List Attachments

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Ken W. Gosnell Printed Name Ken W. Gosnell Title Engr. Tech. Date 6/14/90
915/688-5672

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 2130	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 2310	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 2922	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Enrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Perm _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Perm "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from to
No. 2, from to
No. 3, from to
No. 4, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet
No. 2, from to feet
No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology
0	306	306	Red Bed
306	681	375	Red Bed & Anhy
681	700	19	Anhy
700	1885	1185	Anhy & salt
1885	2675	790	Anhy
2675	2972	297	Anhy & dolo
2972	3300	328	Dolo & lime

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: Chevron
Well Name & Number: State 2 #4
API #: 30-015-26332

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: 1/15/2016

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.