

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. 30-015-22625
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator V-F PETROLEUM INC.		6. State Oil & Gas Lease No. L-6654
3. Address of Operator P.O. Box 1889, Midland, Texas 79702		7. Lease Name or Unit Agreement Name State 19 Com
4. Well Location Unit Letter <u>N</u> : <u>860</u> feet from the <u>South</u> line and <u>2,057</u> feet from the <u>West</u> line Section <u>19</u> Township <u>19-S</u> Range <u>28-E</u> NMPM <u>Eddy</u> County		8. Well Number 2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,493' GR		9. OGRID Number 24010
		10. Pool name or Wildcat Millman South (Morrow)

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.

V-F Petroleum Inc. wishes to P&A this well. Current PB depth is 2,323'.

Proposal: Set 50 sx plug 350' - 500'. Set ^{25'} 10 sx plug 0' - ^{100'} 30'. Install dry hole marker. Hole will be loaded with 10# mud. All plugs will be displaced with 10# mud.

All CMT Plugs will be a minimum of 100' in length or min of 25x5x5 cmt.

CONDITIONS OF APPROVAL ATTACHED

Approval Granted providing work is Completed by

6-24-2015

NM OIL CONSERVATION

ARTESIA DISTRICT

JUN 20 2014

Spud Date:

Rig Release Date:

RECEIVED

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

SIGNATURE *Eric Sprinkle* TITLE Engineering Technician DATE 06/18/2014

Type or print name Eric Sprinkle E-mail address: eric@vfpetroleum.com PHONE: 432-683-3344
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

See Attached COA's

Well: State 19 Com #2
 Location: 860 FSL & 2057 FWL
 Sec 19 T-19-S R-28-E
 of Eddy County, New Mexico
 API# 30-015-22625

Operator: V-F Petroleum Inc
 Field:
 Elevation: GL= 3493
 KB-GL= 15
 KB= 3508

Tot Depth	Hole Sz	Tops & Perfs	Casing & Cement
150	17 1/2"	Proposed: Plug 0'-30' w/ 10 sx Class C CMT	
300			575 sx CMT
447		Proposed: Plug 350'-500' w/ 50 sx Class C CMT	13 3/8" 48# H-40 CSG
600	11"		
800			
1000			
1200			
1400			
1600			
1800			
2000		CMT Plug: 2,323'-2,349'	
2200		San Andres @ 2,300'	900 sx CMT
2448		CMT Plug: 2,433'-2,506' tag	8 5/8" 24# K-55 CSG
2600	7 7/8"		
2800			
3000			
3200		CMT Plug: 3,080'-3,195'	
3600			
4000			
4400			
4800			
5200			
5400			
5600		CMT Plug: 5,492'-5,607'	
6000			
6400			
6800		2nd Bone Springs @ 6,930'; CMT Plug: 6,814'-6,954'	
7000		CMT Plug: 6,966'-7,067' tag	5 1/2" CSG cut and removed @ 7,017'
7200			
7400			
7600			
7800			
8000		3rd Bone Springs @ 8,080'	
8200			
8400		Perf: 8,491 & CMT Plug 8,420'-8,491'	
8600		Wolfcamp @ 8,565'	
8800		Cisco @ 8,970'	
9000			TOC @ 8,950' by CBL
9200		Canyon @ 9,320'	CIPB @ 9,340 w/ 25 sx CMT
9400		Strawn @ 9,576'; Perfs: 9,411'-9,428'	
9600		Perfs: 9,643'-9,650' & 9,692'-9,698'	
9800			
10000			
10100			
10200		Atoka @ 10,200'	
10300			
10400			
10500		Morrow @ 10,590'	CIBP @ 10,500' w/ 35' CMT
10600		Perfs: 10,586'-10,596'	
10700			
10800			
10900		Perfs: 10,748'-11,062'	
11000			465 sx CMT; PBTB 11,110'
11150			5 1/2" 17# & 20# L-80 & K-55 CSG
11200			
11325			

REMARKS:

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: V-F Petroleum

Well Name & Number: State 19 Com 2

API #: 30-015-22625

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 in 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.

DATE: 6/24/14

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).