

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-015-22023
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 Vanguard Operating LLC		6. State Oil & Gas Lease No. K-6653
3. Address of Operator 5847 San Felipe Ste 3000 Houston Texas 77057		7. Lease Name or Unit Agreement Name Millman H.D. State Com
4. Well Location Unit Letter <u>O: 660</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>East</u> line Section <u>17</u> Township <u>19S</u> Range <u>28E</u> NMPM <u>Eddy</u> County		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,530 GR		9. OGRID Number 258350
		10. Pool name or Wildcat South Millman (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 type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" 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.

The well has been approved for P&A but due to lease issues the well is requested to be TA'ed at this time

1. Notify NMOCD 24 hrs before rigging up.
2. MIRU WS. LD production equipment. TIH & retrieve RBP at 9,158'. LD RBP & Pkr.
3. RU WL. Set CIBP's at  
9,680' Cap w/ 35' of cmt (Strawn perms at 9,730'-9,965')  
9,321' Cap w/ 35' of cmt ( Lower Canyon perms at 9,371-9,408').  
8,825' Cap w/ 35' of cmt. (Wolfcamp perms at 8,865'-8,930')
4. Fill casing with treated water and pressure test casing to 500 psig for thirty minutes. Record pressure chart.  
Open all casing valves (bradenhead and intermediate) during the internal pressure tests and report a flow or pressure change occurring immediately before, during or immediately after the 30 minute pressure test.
5. RD WS & WL
6. File subsequent C103 complete with chart.

Spud Date:

TA status may be granted after a  
successful MIT test is performed.  
Contact the OCD to schedule the test  
so it may be witnessed.

RECEIVED

NOV 01 2018

DISTRICT II-ARTESIA O.C.D.

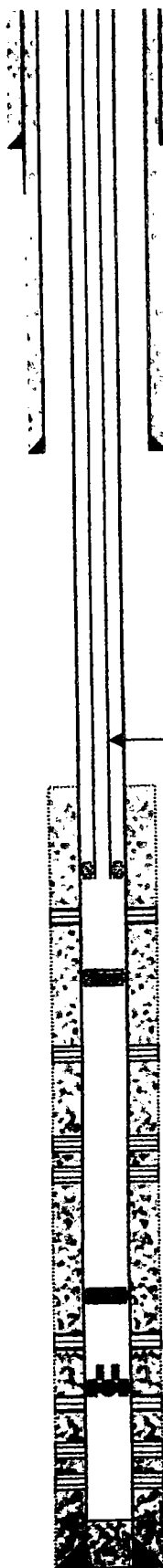
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Permian District Superintendent DATE 10/31/2018

Type or print name C.M. "Marty" Bloodworth, P.E. E-mail address: mbloodworth@vnrenergy.com PHONE: 432-770-9738

**For State Use Only**

APPROVED BY: [Signature] TITLE State Attorney DATE 11-1-18  
Conditions of Approval (if any):



13-3/8", 48#, J-55, ST&C  
Casing @ 400'

8-5/8", 24#, J-55, ST&C  
Casing @ 2,490'

2-3/8" Tubing

TOC @ 8,420'

Retrievable Packer @ 8,832'  
(STILL IN HOLE??)

Wolfcamp Perfs: 8,930'; 8,938-42'; 8,945'; 8,949-52'; 8,960' & 8,865-67' (24 - 0.42" DIA holes)

RBP @ 9,158' (STILL IN HOLE ??)

Lower Canyon Perfs: 9,371-73'; 9,381-91' & 9,406-08' (34 - 0.42" DIA holes)

Strawn Perfs: 9,730'; 9,733'; 9,736'; 9,742'; 9,748-50'; 9,760-69'; 9,775';  
9,785-88' & 9,956-65' (24 - 0.42" DIA holes)

CIBP @ 10,800' w/ 30' cement on top

Morrow Perfs: 10,848-58' (40 - 0.32" DIA holes)  
Guiberson Uni-VI Packer w/ SV @ 10,918'

Morrow Perfs: 10,978-88' (32 - 0.34" DIA holes)

Morrow Perfs: 10,998-05' (28 - 0.32" DIA holes)

Morrow Perfs: 11,040-50' (40 - 0.50" DIA holes)

PBTD @ 11,106'

5-1/2", 17 & 20# J-55, ST&C Casing

TD @ 11,268'

Elevation: 3,530' GL

Date Spud: 01/15/77

Date TD'd: 03/17/77

Date Completed: 04/05/77

Zone	Frac
Wolfcamp	2,000 gals 15% NE HCl
Lower Canyon (9,371-08')	2,500 gals 20% NE HCl
Strawn (9,730-88')	2,500 gals 7-1/2% HCl
Strawn (9,956-65')	2,500 gals 7-1/2% HCl
Morrow (10,848-58')	1,500 gals 7-1/2% HCl
Morrow (10,848-58')	2,000 gals 7-1/2% HCl
Morrow (10,978-88')	1,000 gals MS acid
Morrow (10,998-05')	1,000 gals 7-1/2% HCl
Morrow (11,040-50')	1,700 gals MS acid

#### Recompletions & Workovers

Date	
12/08/89	Tested & acidized Morrow perfs (10,848-58')
04/05/90	Abandoned Morrow and tested Strawn, Lower Canyon, & Wolfcamp

Current Status:

Last Well Test:

**Lime Rock Resources**  
**Millman HD State Com 1**  
**Sec 170-19S-28E**  
**Eddy County, NM**  
**Updated: 03 Jan 2008 SJH**