

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
Geology, Minerals and Natural Resources
HOBBBS OGD
NOV 20 2014
RECEIVED
CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-37690
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 312382
7. Lease Name or Unit Agreement Name Adobe State
8. Well Number 4
9. OGRID Number 25835
10. Pool name or Wildcat Eunice; San Andres, Southwest

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
Vanguard Permian, LLC

3. Address of Operator
5847 San Felipe, Suite 3000 Houston, Tx 77057

4. Well Location
Unit Letter L : 2310' feet from the S line and 740' feet from the W line
Section 17 Township 22S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
RKB - 3408'

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.

See Attachment for procedure details and wellbore diagram to repair the Failed Mechanical Integrity Test as per the Letter of Violation Letter dated 14-Oct-14.

Spud Date: 11/17/14

Rig Release Date: 11/24/14

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

SIGNATURE Randall Hicks TITLE Sr. Ops. Eng DATE 11/20/14
Type or print name RANDALL Hicks E-mail address: rhicks@vnnllc.com PHONE: 832-377-2207
For State Use Only
APPROVED BY: Mary Brown TITLE Dist. Supervisor DATE 11/20/2014
Conditions of Approval (if any):

NOV 25 2014



WORKOVER PROCEDURE
Squeeze Cement behind Production Casing

Adobe State #4
Eunice Area
Lea County, New Mexico
11/20/2014

AFE # _____

Well Data:

RKB - GL: 3408' / 3398'
Surf. Casing: 8-5/8", 24# k-55, set at 1076'
Prod. Casing: 5-1/2", 17# K-55, set at 6776'
Tbg & Pkr: 2 7/8", 6.5# J-55 EUE, set at unknown
Perforations: San Andres 3861' – 4048' (See WBD)
PBSD: 5398'
BHP: Not certain – well on pump
BHT: 125°F @ TD from logs

Casing Specifications

Depth (ft)	Casing Wt & Grade	Burst	Col	Body Yield	JT Yield	Wall	ID	Drift Dia.	Top Cmt
0 – 1076'	8-5/8, 24#, K-55 ST&C	2,950	1,370	630	381	-	8.097	7.972	Surf.
0 – 6776'	5-1/2", 17#, J-55	5,320	4,910	273	272	-	4.892	4.767	2400'

Safety:

Vanguard's policy on safety as employees and contractors is for everyone to go home safely every day. To this end a safety meeting involving all persons on location will be held at the beginning of each day and prior to any significant activity during the course of this operation. **It is the responsibility of the Wellsite Supervisor to lead these safety**

Adobe State #4
Squeeze

meetings, document attendance, note in the daily report, and retain the documentation for the permanent well record.

While there are multiple aspects running a safe operation, one key point that should be made at each safety meeting is the Stop Work Authority (SWA) policy. The SWA Policy grants all persons on a Vanguard site, facility, location, or property the **Right, Obligation, Authority, and Responsibility** to stop any work or action that are unsafe to personnel, equipment, or that if continued may damage the environment. This is a key component of our safety policy and must be conveyed to all personnel on location.

Scope of Operations:

Squeeze the 5-1/2" production casing from 2370' to surface to stop flow on surface casing.

Contact Information:

Name	Title	Office	Cell
Bryan Kindred	Workover Foreman		575-602-1788
Mike Jones	Production Foreman	575-396-0812	575-390-4611
Newt Painter	Production Superintendent	432-362-2209	432-438-3872
Randall Hicks	Senior Operations Engineer	832-377-2207	713-252-1626
Frank Lemkowitz	Operations Manager	832-377-2237	713-560-3122

Procedure:

1. MIRU completion rig and test anchors.
2. RU spooler and POOH with tubing and ESP.
3. PU, strap and TIH with 5-1/2" RBP & 2-7/8" tubing. Set RPB @ 3700'.
4. Test 5-1/2" casing to 500 psi.
5. MI wireline w/ packoff. RIH w/ CBL and run log from 3700' back up to surface to determine TOC.
6. RD wireline.
7. RIT with tubing and release RBP and pull up to 2500' and set RBP, dump sand on top.
8. MU perf guns set at 2 spf, 180° phasing and perf squeeze holes at 2370'.
9. RD wireline.
10. PU a 5-1/2" cement retainer and RIH with tubing to ~2320' and prepare to set retainer. Test tubing going in the hole to 3500 psi.
11. MIRU pump truck (with 1150 cu ft of squeeze cement) and test lines to 3500 psi.
 - a. Pump squeeze as per Cement Co recommendation.
12. RDMO Cement equipment.
13. PU a 4-3/4" bit and RIH to drill out cement retainer and cement to top of RBP, POOH.
14. PU retrieving tool and RIH to retrieve RBP and POOH.

*Adobe State #4
Squeeze*

15. RIH w/ completion tubing and ESP.
16. RD & MO.
17. Turn well on to production and test.

Note: It is the responsibility of Wellsite Supervisor to enter all daily activity reports and costs into WellView on a timely basis.

Originator:

Randall Hicks
Senior Operations Engineer

Approved:

Frank Lemkowitz
Operations Manager

Adobe State #4
Squeeze

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VANGUARD
PERMIAN, LLC

Adobe State #4
Eunice; San Andres, SW - 30-025-37690
Lea County, New Mexico
SQUEEZE COMPLETION - 11/2014

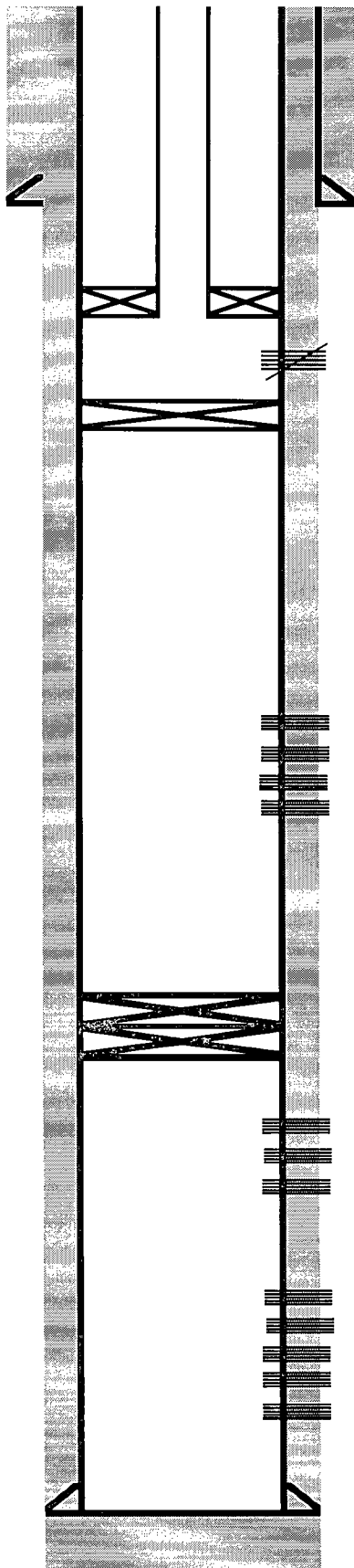
KB: 3408'
GL: 3398'

TOC @ surf
610 sxs

8 5/8" csg @ 1076'

TOC @ 2400'
cmt w/ 800 sxs

5 1/2" csg @ 6776'



CASING PROGRAM

Depth	Size	Weight	Grade	I.D.	Collapse	Burst
1076'	8 5/8"	24#	J-55	8.097	1,370	2,950
6776'	5 1/2"	17#	K-55	4.892	4,910	5,320

PRODUCTION TUBING

Depth	Size	Weight	Grade	Threads
	2 7/8"	6.5#	J-55	EUE

Cement Retainer @ 2320'

2 Squeeze perms @ 2370'

RBP @ 2500'

San Andres

3861' - 3883' - 22 holes frac'd 2007
3914' - 3942' - 28 holes just acid
3968' - 4000' - 32 holes just acid
4026' - 4048' - 22 holes just acid

5-1/2" CIBP @ 5398' w/ cmt on top
4-1/2" CIBP @ 5400' set by mistake

Blinbry - 24 holes

5438' - 5442' - 8 holes frac'd 2006
5466' - 5470' - 8 holes
5706' - 5710' - 8 holes

Drinkard - 39 holes

6536' - 6539' - 9 holes frac'd 2006
6572' - 6575' - 6 holes
6600' - 6603' - 9 holes
6616' - 6619' - 6 holes
6664' - 6667' - 9 holes

PBTD = 6,729'

Note: This schematic is not to scale. For display purposes only.



VANGUARD
PERMIAN, LLC

Adobe State #4

Eunice; San Andres, SW - 30-025-37690

Lea County, New Mexico

CURRENT COMPLETION - 10/2014

KB: 3408'

GL: 3398'

TOC @ surf

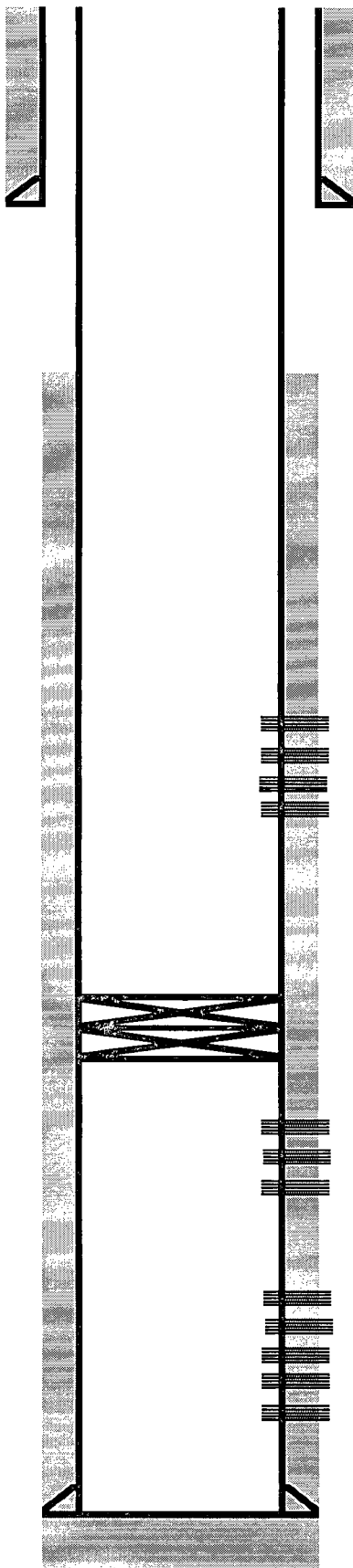
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5-1/2" CIBP @ 5398' w/ cmt on top

4-1/2" CIBP @ 5400' set by mistake

Blaine - 24 holes

frac'd 2006

5438' - 5442' - 8 holes

5466' - 5470' - 8 holes

5706' - 5710' - 8 holes

Drinkard - 39 holes

frac'd 2006

6536' - 6539' - 9 holes

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