

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 DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-05402 ✓
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 VANGUARD PERMIAN LLC		6. State Oil & Gas Lease No. 22566
3. Address of Operator 5847 SAN FELIPE, SUITE 3000, HOUSTON, TEXAS 77057		7. Lease Name or Unit Agreement Name STATE V ✓
4. Well Location Unit Letter <u>D</u> : <u>660</u> feet from the <u>NORTH</u> line and <u>660</u> feet from the <u>WEST</u> line Section <u>5</u> Township <u>17S</u> Range <u>37E</u> NMPM <u>LEA</u> County <u>Grayburg</u>		8. Well Number <u>1</u> ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3813</u>		9. OGRID Number 258350
10. Pool name or Wildcat LOVINGTON SAN ANDRES		

HOBS OGD
 SEP 25 2014
 RECEIVED

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 checked="" 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.

SEE ATTACHMENT

Zone Permanently Plugged (ZPP)
Lovington Paddock

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 Colleen Germany TITLE _____ AGENT _____ DATE 9-24-14

Type or print name Colleen Germany E-mail address: cgermany@oilreportsinc.com PHONE: 575-393-2727

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 12/29/14
 Conditions of Approval (if any): _____

DEC 29 2014

VANGUARD PERMIAN LLC
STATE V #1
Sec 5 T17S R37E API #30-025-05402

5/11/13

MIRU WLU. RIH and run Free point. Pipe stuck at shoe. Cut tbg off @ 6049' or in 2 7/8" tbg and above tools. POH with tbg. RIH with 4 3/4" OS with 2 7/8" grapple. Catch fish jarred on fish 3 hrs. Circulate soapy water to bottom. Jarred 2 times and tbg came loose. POH with tbg.

5/10/13

RIH with 4 1/2" shoe 1jt of wash pipe and 6 3 1/2" DC's on 2 7/8" tbg. Got dn to 6224 and stuck. Jarred and circulated pipe 4 hrs. Could not get pipe loose. Pulled 30K over weight and left sion. Will cut tbg off and jar pipe in am.

5/5/13 - 5/9/13

RIH and started drilling cmt. Fell out of cmt # 6260'. Pressure test csg to 500# and held. RIH to 6599' and tagged. Drilled 15 min and circulated up metal. It appears to be a tbg fish. POH with tbg. sion

5/3/13 - 5/4/13

Pick up and RIH with DC's and 4 3/4 bit
RIH with bit, 6 3 1/2" DC's, on 2 7/8" WS dn to 4990' and tagged. Started Drilling. Drilled Cmt dn to 5300'. Cmt was soft at the beginning and started to get harder. Cir hole clean. POH to 4900'. sion

5/2/13

Finished RiH with cmt ret. Set cmt ret @ 6110'. MIRU Rising star and cement squeezed the Paddock perfs with 150 sxs class c neat cmt. Stung out of cmt ret and spotted cmt to tool.
Pumped dn tbg to clear cmt from tbg. POH with tbg. sion. wait on cmt.

5/1/13

RIH with packer on 2 7/8" ws. Set packer @ 6100'. Pump into Paddock perfs @ 1 bpm with 1000# psi. Release packer and poh. RIH with cmt ret dn to 4000' and left swinging. sion wait on cmt trucks.

VANGUARD PERMIAN LLC
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Attachment to Subsequent C-103

5/24/13 – 5/25/13

MIRU 456 pumping unit. RIH with 2 7/8" tbg. NDBOP. NUWH. RIH with pmp and rods. RDMO

5/23/13

Finish poh and laying dn work string and RBP. MIRU WLU. RIH and set CIBP @ 4880'. RD WLU. RIH with 119 jts 2 7/8" tbg. SION Waiting on setting pumping unit.

5/22/13

TP 200#. Flowed well dn. RIH with swab. FL @ 1800'. First swab run 10% oil. Pulled 6 bbls. Second run 8% oil cut. FI 2200'. Released packer & POH with packer. RIH and Retrieve 8 1/8" RBP. POH laying dn workstring.

5/21/13

MIRU Crain ACID. RIH and spotted 2 bbls acid across perms. POH and set packer @ 4771'. PUMPED 3000 gals 15 % nefe acid at 2.6 bpm @ 3100#. Formation broke @ 3500#. DID not pump any block. ISIP 3150#, 5 min 2740#, 10 min 2905#, 15 min 2879#. si 1 hr. TP 1500# Started flowing to frac tank on 24/64 ck. Flowed 51 bw and died. Started swabbing. see swab report.

5/17/13

MIRU Capitan WLU and perforated San Andres with 2 spf 4923-24,4952-56,4764-69,4709-11,4715-16. RD WLU. RIH with packer dn to 4850 and set. MIRU Cudd acid and acidize perms 4923-26 and 4952-56 with 2000 gals 15% NEFE acid with 25 BS's. NO ball action. Formation broke @ 3120#. Pumped job @ 2.5 bpm With ave press #2562. ISIP 2259, 5 min #1440, 10 min #1184 and 15 min #1068. Si 1 hr. TP 0#. Started swabbing. see swab report

5/16/13

MIRU Capitan WLU and logged from 5000' to 2500'. RD WLU. sion.

5/15/13

RIH with 4 3/4" shoe and 1 jt wash pipe on 2 7/8" workstring. Could not get thru tight spot in csg @ 6214'. POH with tools and tbg. RIH with 4 3/4" OS with 2 3/8" grapple. Got to fish @ 6614'. Could not catch fish. POH with tools and pipe. sion

5/14/13

RIH with 4 3/4" shoe with cutrite. Tagged @ 6214'. Milled thru tight spot. RIH to 6599 and tagged. Circulated and milled dn to 6614'. Started getting metal shavings that look like threads of pipe. Bottomed out shoe. POH with tbg and tools.



State V #1
Lovington San Andres - 30-025-05402
Lea County, New Mexico
 CURRENT COMPLETION - 9/2014

KB: 3,833'
 TOC @ surf
 350 sxs

13-3/8" csg @ 335'

TOC @ surf
 3000 sxs

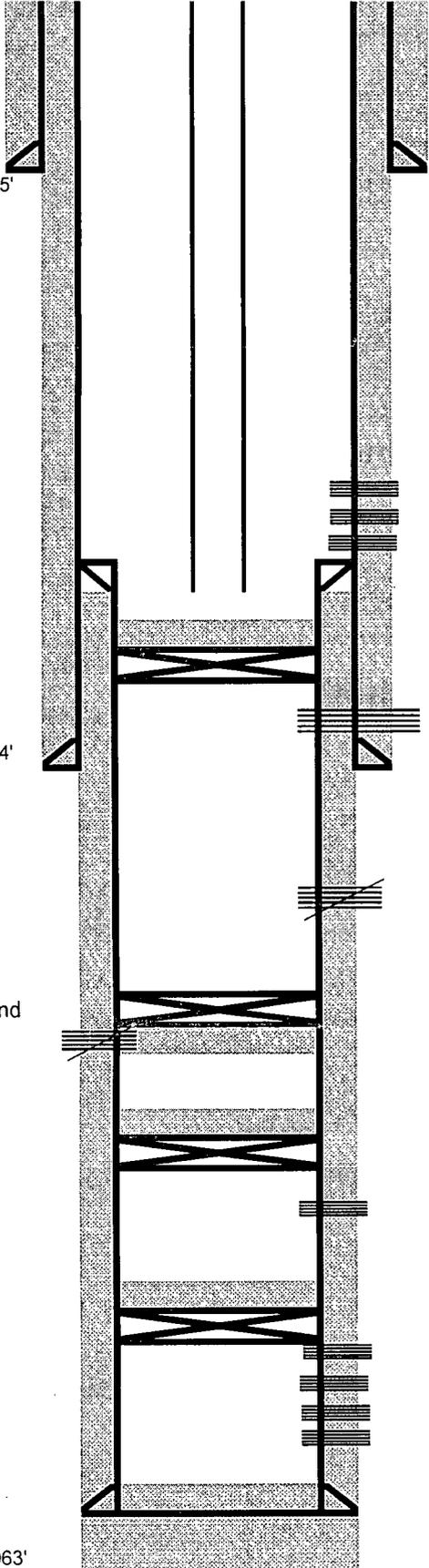
TOL @ 4803'

8 5/8" csg @ 4984'

Sqz'd cmt behind
 5-1/2" in 1955
 @ 6648' - 50'

TOC @ 7010'
 732 sxs

5 1/2" csg @ 11063'



<u>CASING PROGRAM</u>						
Depth	Size	Weight	Grade	I.D.	Collapse	Burst
335'	13-3/8"	36#				
4984'	8 5/8"	32#	J-55	7.921	2,530	3,930
11063'	5 1/2"	17#	N-80	4.892	4,910	5,320

<u>PRODUCTION TUBING</u>				
Depth	Size	Weight	Grade	Threads
4780'	2-7/8"			

San Andres Perforations:
 4709' - 4711' (2 spf)
 4715' - 4716' (2 spf)
 4764' - 4769' (2spf)
 Acidized w/ 3000 gals 15% NEFE

35' of cmt
CIBP @ 4880'

4923' - 4924' (2 spf)
 4952' - 4956' (2 spf)
 Acidized w/ 3000 gals 15% NEFE

Paddock Perforations:
 6,180' - 6,250' (4 spf)
 Acidized w/ 1500 gals in 1955

Sqzd in 2013

Set Sqze tool @ 6605' (still in hole)

8' cmt on top
CIBP @ 7200' in 1955

Tubb Perforations:
 7,975' - 8,016'

CIBP @ 9500' in 1955

Strawn Perforations:
 8,300' - 8,314' (4 spf, 56 holes)
 8,320' - 8,356' (4 spf, 144 holes)
 8,390' - 8,416' (4 spf, 104 holes)
 8,434' - 8,450' (4 spf, 120 holes)

PBTD = 8,450'

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