

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. 30-025-05366
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-7896
7. Lease Name or Unit Agreement Name STATE O
8. Well Number 10
9. OGRID Number 258350
10. Pool name or Wildcat LOVINGTON ABO
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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, Texas 77057

4. Well Location
Unit Letter L : 3080 feet from the NORTH line and 440 feet from the WEST line
Section 31 Township 16S Range 37E NMPM LEA County

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

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input 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.

1. MIRU completion rig and test anchor
2. PU a 4 3/4" bit, six drill collars and 2 7/8" tubing and RIH to drill out cement and CIBP @ 8300.
3. Continue in hole to PBTD @ 8450 and circulate hole clean, POOH
4. MU ESP and cable and RIH to 8290
5. RD & MO
6. Install electrical panel
7. Turn well on to production, Produce from the Lovington Abo

See Attachment

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

Gaye Heard

TITLE

Agent

DATE

7-16-14

Type or print name

GAYE HEARD

E-mail address:

gheard@oilreportsinc.com

PHONE:

575-393-2727

For State Use Only

APPROVED BY:

[Signature]

TITLE

Petroleum Engineer

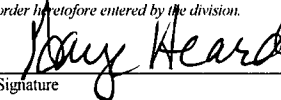
DATE

08/18/14

Conditions of Approval (if any):

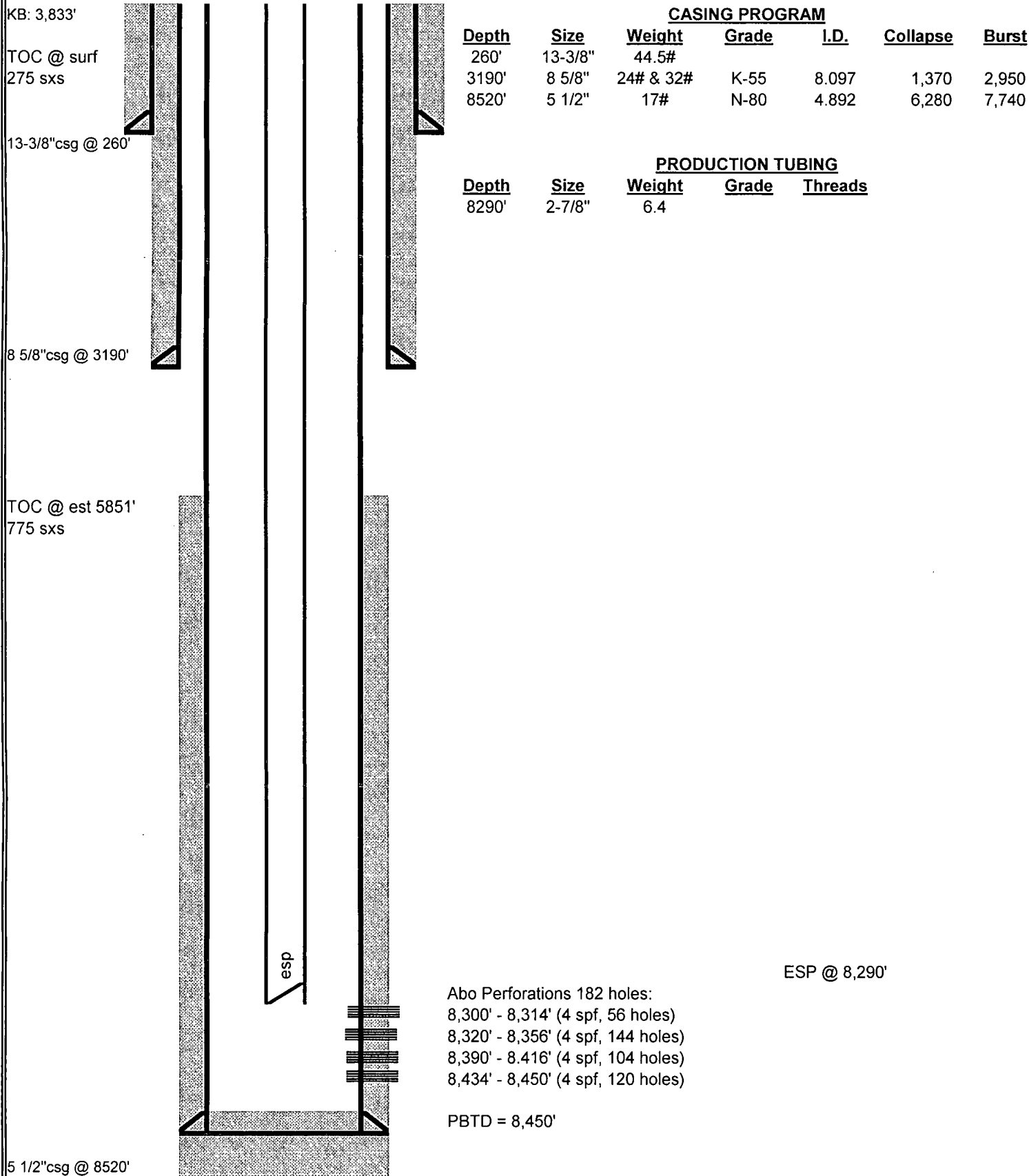
AUG 18 2014

[Signature]

16					<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>  7-16-14 </p> <hr/> <div style="display: flex; justify-content: space-between;"> Signature Date </div> <hr/> <p>GAYE HEARD</p> <hr/> <p>Printed Name</p> <hr/> <p>gheard@oilreportsainc.com</p> <hr/> <p>E-mail Address</p>
					<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <hr/> <p>Date of Survey</p> <hr/> <p>Signature and Seal of Professional Surveyor:</p> <hr/> <p>Certificate Number</p>



State O #10
Lovington Abo - 30-025-05366
Lea County, New Mexico
PROPOSED COMPLETION - 7/2014



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



State O #10
Lovington Abo - 30-025-05366
Lea County, New Mexico
 CURRENT COMPLETION - 7/2014

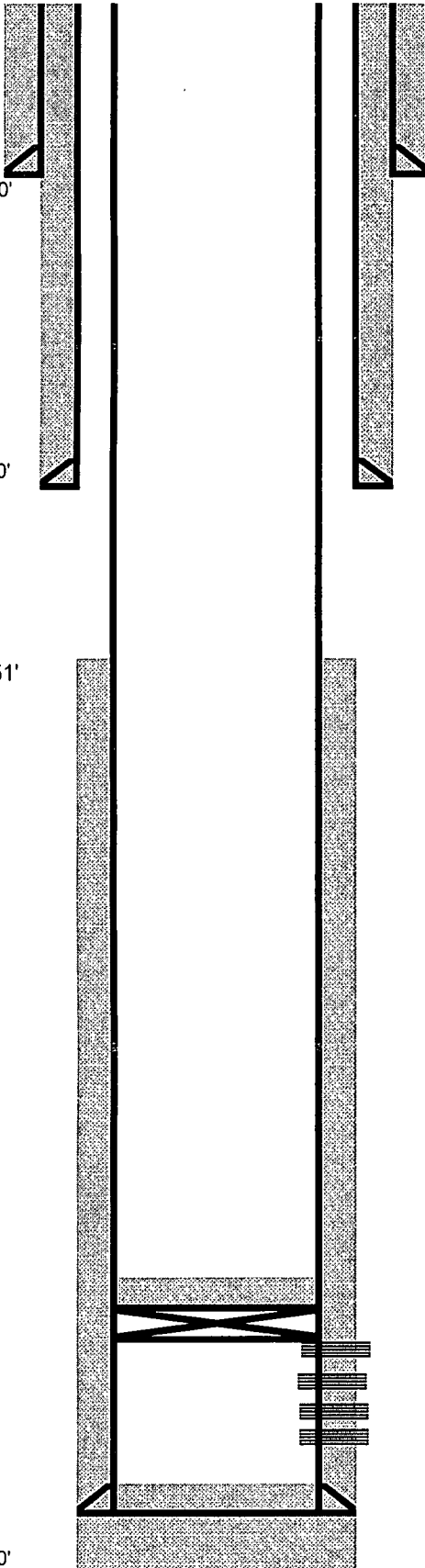
KB: 3,833'
 TOC @ surf
 275 sxs

13-3/8" csg @ 260'

8 5/8" csg @ 3190'

TOC @ est 5851'
 775 sxs

5 1/2" csg @ 8520'



CASING PROGRAM

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>I.D.</u>	<u>Collapse</u>	<u>Burst</u>
260'	13-3/8"	44.5#				
3190'	8 5/8"	24# & 32#	K-55	8.097	1,370	2,950
8520'	5 1/2"	17#	N-80	4.892	4,910	5,320

PRODUCTION TUBING

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Threads</u>
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CIBP @ 8300'

Abo Perforations 182 holes:

- 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.