

Submit 3 Copies To Appropriate District Office
District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W. Grand Ave , Artesia, NM 88210
District III
1000 Rio Brazos Rd , Aztec, NM 87410
District IV
1220 S St. Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-025-33331

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
CENTRAL VACUUM UNIT

8. Well Number 176

9. OGRID Number 4323

10. Pool name or Wildcat
VACUUM GRAYBURG SAN ANDRES

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
CHEVRON U.S.A. INC.

3. Address of Operator
15 SMITH ROAD, MIDLAND, TEXAS 79705

4. Well Location

Unit Letter I: 1988 feet from the SOUTH line and 355 feet from the EAST line

Section 36 Township 17-S Range 34-E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3985' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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 ☐

OTHER ADD SAN ANDRES TRANSITION ZONE PERFS

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

CHEVRON U.S.A. INC. INTENDS TO ADD SAN ANDRES TRANSITION ZONE PERFS 4734-4800.

THE INTENDED PROCEDURE & WELLBORE DIAGRAM IS ATTACHED FOR YOUR APPROVAL.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Denise Pinkerton TITLE Regulatory Specialist DATE 06-30-2008

Type or print name Denise Pinkerton E-mail address: leakejd@chevron.com Telephone No. 432-687-7375

For State Use Only

APPROVED BY: Chris Williams OC DISTRICT SUPERVISOR/GENERAL MANAGER TITLE DATE JUL 03 2008

Conditions of Approval (if any):

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JUL 02 2008
HOBBS OCD

CVU 176
API No. 30-025-33331
Vacuum (Grayburg-San Andres) Field
Lea County, NM

Workover Procedure

1. Rig up pulling unit. Kill well.
2. ND Wellhead. NU BOP.
3. Release packer and TOH w/ packer and tubing.
4. TIH w/ 4-3/4" bit and 6 3-1/2" drill collars on 2-7/8" workstring. Rig up reverse unit. Clean out to 4835'. Circulate hole clean. Spot 200 gallons 10% acetic acid from 4835' to 4700'. **Note: Original PBTD was 4785' and the insert float collar is at 4794'. The last bit run on the well tagged TD @ 4769'. TOH.**
5. Rig up wireline truck and get on depth with Schlumberger's Perforating Depth Control Log dated 1/17/1997. There is a short joint at 4210'+ and 4229'.
6. Perforate the 5-1/2" casing w/ 2 JSPF @ 120 degree phasing as follows: 4734'-38', 4742'-46', 4751'-55', 4757'-62', 4767'-71', 4775'-80', and 4784'-4800'.
7. TIH w/ 5-1/2" treating packer on 2-7/8" workstring and set at 4725'.
8. Acidize perms 4734' to 4800' with 4,000 gallons 15% HCl in two stages. Shut in for one hour and flow back load.
9. Release packer and pull up to 4400' and set. Pump scale squeeze.
10. Release packer and TOH.
11. TIH w/ 4-3/4" bit on 2-7/8" workstring. Clean out rock salt to 4835'. TOH.
12. TIH w/ test ESP on 2-7/8" tubing and set at 4400'. ND BOP. NU wellhead.
13. Return well to production and test.

PTB 6/16/08

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CVU 176
API No. 30-025-33331
Vacuum (Grayburg-San Andres) Field
Lea County, NM

Engineering Comments

It is recommended that San Andres Transition Zone perfs 4734' – 4800' be added to the subject well. The subject well is currently completed from 4440' to 4719' and produces ~ 50 BOPD 250 BHPD and 800 MCFPD. The subject well has been shut-in off and on over the past year due to CO2 plant capacity problems. Presently the well is shut-in. The subject well has been a flowing producing well since 2002.

In the past 6 months, three workovers have been performed in the CVU to add TZ pay. The workovers have been on Wells Nos 169, 189 and 291. The initial production increases for 169 and 189 have been 87 BOPD and 27 BOPD, respectively. Final results for 291 are not yet available as a pumping unit installation is required. The attached map shows TZ completions in the area surrounding CVU 176.

A review of offset injection shows that there is good injection support throughout the Lower San Andres Pay interval and also support into the TZ interval. CVU 73, the north injection well, is providing injection support to the correlative interval of 4782' in CVU 176.

Payout is based in a 25 BOPD production increase after adding the TZ perfs. This AFE also includes \$ 90,000 for artificial lift equipment.

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CVU #176 Wellbore Diagram

Created: 01/12/06 By: C. A. Irl
 Updated: 06/04/08 By: PTB
 Lease: Central Vacuum Unit
 Field: Central Vacuum Unit
 Surf. Loc.: 1,988' FSL & 355' FEL
 Bot. Loc.:
 County: Lea St.: NM
 Status: Active Oil Well

Well #: 176 St. Use: B-1113-1
 API: 30-025-33331
 Unit Ltr.: I Section: 36
 TSHP/Rng: S-17 E-34
 Unit Ltr.: Section:
 TSHP/Rng:
 Directions: Buckeye, NM

Surface Casing

Size: 8 5/8"
 Wt., Grd.: 24#
 Depth: 1,524'
 Sxs Cmt: 550**
 Circulate: Yes 109sx
 TOC: Surface
 Hole Size: 11"

*24#, WC-50, STC

**Lead 400sx 2% CaCl 13.5#

Tail 150sx 2% CaCl 14.8#

Production Casing

Size: 5 1/2"
 Wt., Grd.: 17#
 Depth: 4,840'
 Sxs Cmt: 1120**
 Circulate: Yes 59bbl
 TOC: Surface
 Hole Size: 7 7/8"

*17#, WC-50, STC

**Lead 920sx 5% salt 12.8#

Tail 200sx H 16.4#

Perforations

Producing:

4440-50,64-94,4534-43,74-77,82-98,

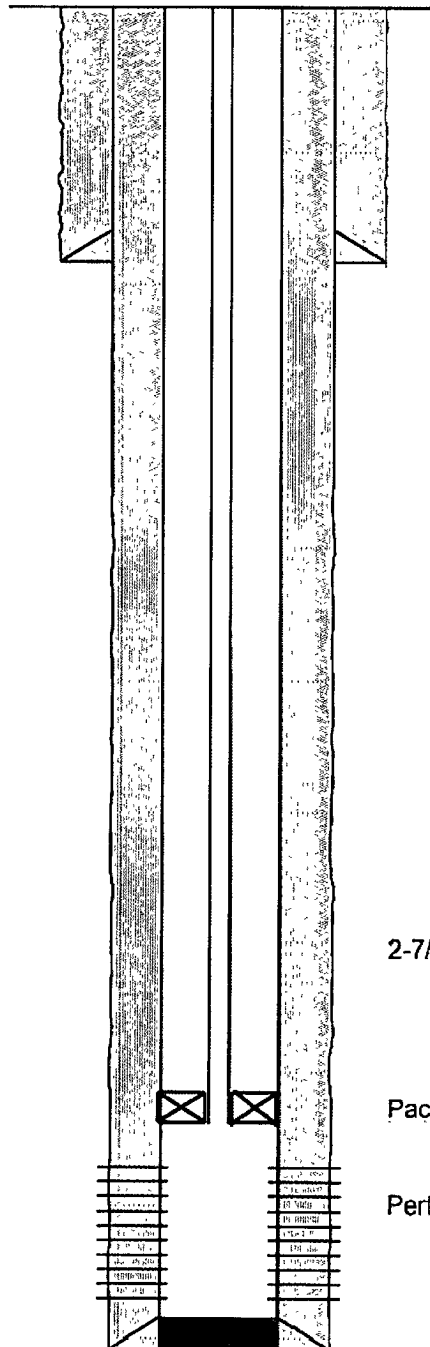
4605-43,46-48,4690-4719'

(2SPF) 290 holes

KB: 4,001
 DF: 4,000
 GL: 3,985
 Ini. Spud: 05/10/96
 Ini. Comp.: 05/23/96

History

5/23/96 Initial Completion: TD @ 4840.
 9/29/97 Frac: CIBP @ 4515, Swab USA,
 188bbls/9hrs = 501bpd @3000 FL, pkr @
 4317, frac 4440-94 w/50,000# 20/40 RCS,
 ISIP 3080 psi, Avg rt = 35 bpm, tag @
 4237, CO, drill CIPB @ 4515, CO 4732.
 169o 855w 66g
 1/2/97 CHS: Motor wet.
 2/14/02 Convert to Pkr: 1000 gls xylene,
 chg wellhead, C/O PBTD, converter, acid
 w/ 2000 gls DAD acid, will not run, convert
 to pkr.
 9/21/05 Pres Bomb: 865 psi @ 4579.
 1/3/06 : Tag 4769?, pkr 4293, acid 4000
 gls 20% HCl 2000# RS 3 stg 5 bpm, max
 pres 2646psi, SIS..ScSq



2-7/8" J-55 Production Tubing (136 jts.)

Packer w/ On-Off Tool @ 4287'

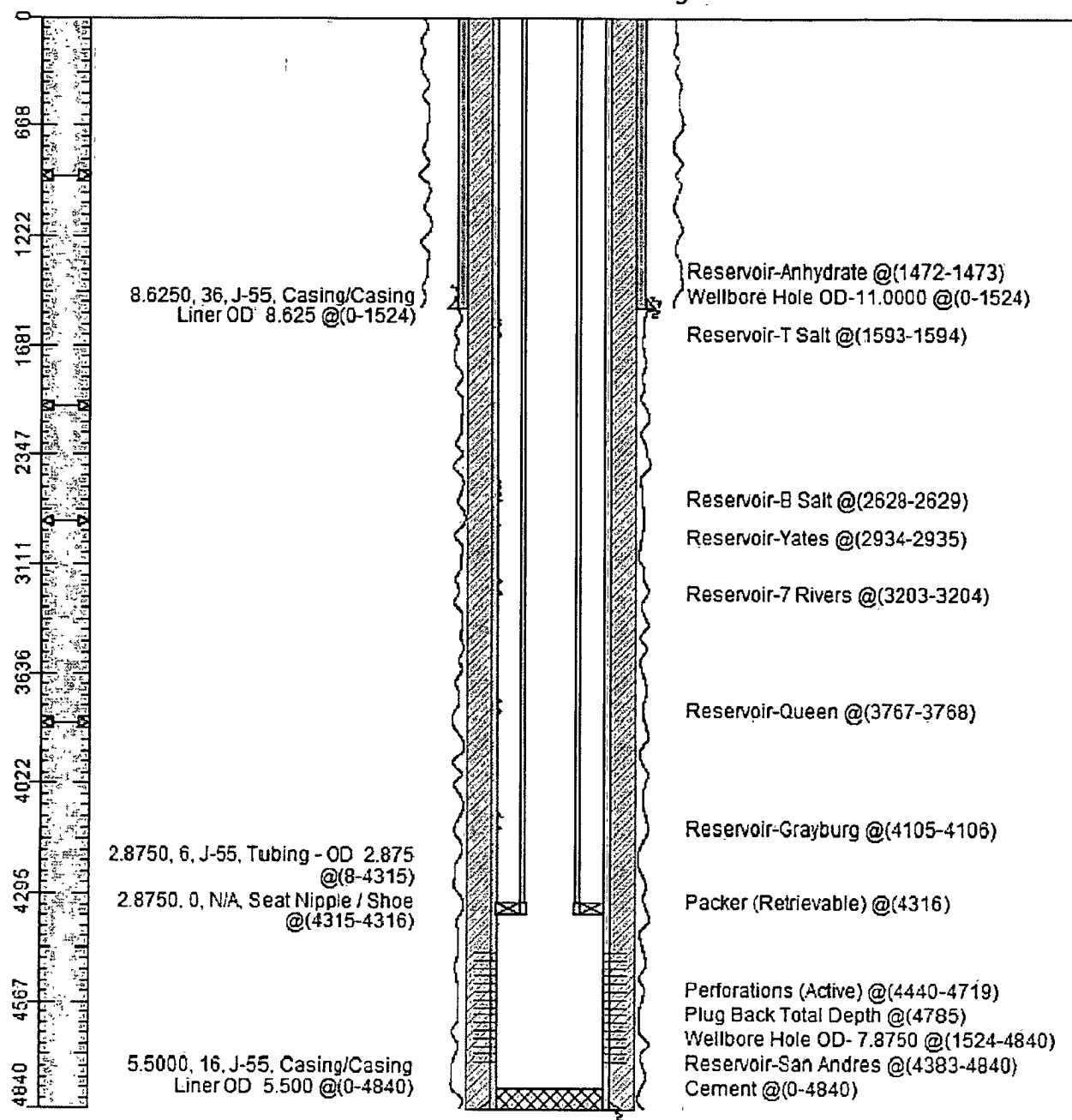
Perfs: 4440' - 4719'

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PBTD: 4,732'

TD: 4,840'

Chevron U.S.A. Inc. Wellbore Diagram : CVU 176



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