Submit 3 copies to Appropriate District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Box Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-24026

5. Indicate Type of Lease STATE ☑ FEE ☐

6. State Oil / Gas Lease No. 857947

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 PERMI (FORM C-101) FOR SUCH PROPOSALS.

7. Lease Name or Unit Agreement Name: NORTH VACUUM ABO WEST UNIT

1. Type of Well: OIL WELL ☐ GAS WELL ☐ OTHER Y

2. Name of Operator: CHEVRON USA INC

8. Well No. 6

3. Address of Operator: 15 SMITH RD, MIDLAND, TX 79705

9. Pool Name or Wildcat: VACUUM ABO, NORTH

4. Well Location

Unit Letter H : 2080 Feet From The NORTH Line and 560 Feet From The EAST Line

Section 21 Township 17S Range 34E NMPM LEA COUNTY

10. Elevation (Show whether DF, RKB, RT,GR, etc.)

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPERATION	☐	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐			CASING TEST AND CEMENT JOB	☐		
OTHER: CONVERT FROM INJ TO PRODUCER	☑			OTHER:			☐

12. 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.

THIS INJECTOR HAS FAILED A NMOCD MIT TEST & IS OUT OF COMPLIANCE. IT IS NECESSARY TO REPAIR THE CASING LEAK AND RETURN THE WELL TO ACTIVE STATUS.

IT IS RECOMMENDED THAT THE SUBJECT WELL BE CONVERTED BACK TO PRODUCER AND THE ABO INTERVAL BE ACID STIMULATED.

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.

SIGNATURE Denise Pinkerton TITLE Regulatory Specialist DATE 12/14/2005

TYPE OR PRINT NAME Denise Pinkerton Telephone No. 432-687-7375

(This space for State Use)

APPROVED Chris Williams OC DISTRICT SUPERVISOR/GENERAL MANAGER DEC 16 2005

CONDITIONS OF APPROVAL, IF ANY: TITLE DATE

DeSoto/Nichols 12-93 ver 1.0

10/24/2005

NVAWU #6

Well has failed a MIT test. Suspect casing leak in old San Andres squeezed perforations from 4532'-4724'. **Will be converting from injector to producer.**

Procedure

1. Verify MOC has been completed.
2. Run production flowline to well and connect to battery.
3. Move and set Rotoflex pumping Unit.
4. Check anchors. Deliver 2 7/8" production tubing to utilize as workstring.
5. MIRU PU.
6. Install BOP.
7. TOH w/ 2 3/8" injection tbg and 5 ½" Lock-set packer (8652'), laying down.
8. TIH w/ bit and scrapper on 2 7/8" to 8893' (PBTD). TOH.
9. TIH w/ 5 ½" RBP and packer on 2 7/8" workstring. Move packer and RBP to locate casing leak as necessary.
10. Establish rate and pressure into leak.
11. Set RBP ~5000' or below leak. Top w/ sand to protect during cement job.
12. TIH w/ 5 ½" cement retainer and cement squeeze casing leak as per DS recommendation. WOC.
13. Change out wellhead from injection head to pumping tee.
14. TIH w/ bit, DC's on 2 7/8" workstring.
15. Drill out and test squeeze. Resqueeze if necessary.
16. Wash sand from RBP.
17. TIH and retrieve RBP. TOH.
18. TIH w/ 5 ½" packer on 2 7/8" workstring and set ~8652'.
19. MIRU DS and acidize stimulate perforations w/ 6000 gals 20% HCL and 60 ball sealers as per DS recommendation.
20. Swab back load as much as possible before SI overnight. TOH.
21. TIH w/ production equipment as per Bobby Hill design, setting SN close to PBTD.

Denise Wann

CURRENT
WELLBORE DIAGRAM

NVAWU #6

LOCATION

State	New Mexico
County	Lea
Surface Location	2080FNL & 560FEL
	Sec 21, T-17S, R-34E

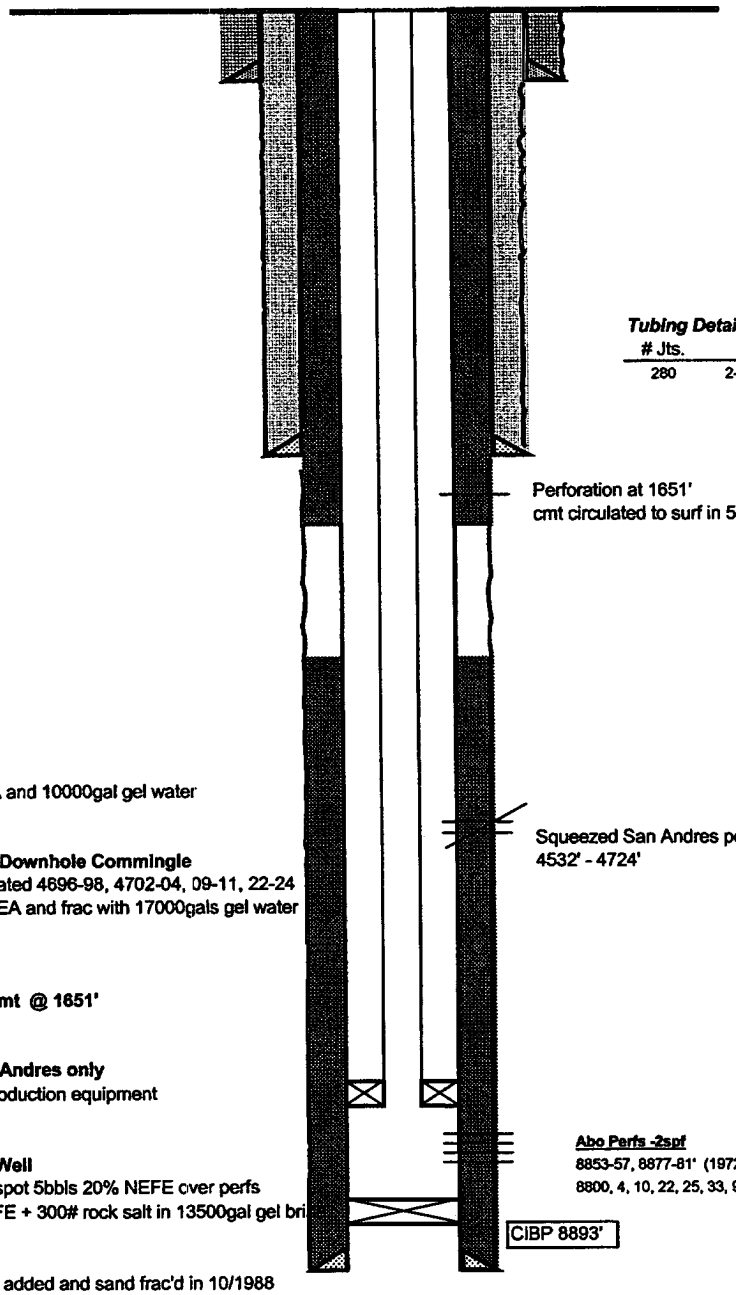
WELL ID INFORMATION

Lease Name	North Vacuum Abo West Unit
Field	Vacuum North
Reservoir	Abo
Ref #	FG9497
API #	30-025-24026
wellbore no	428435

KB:
DF:
GL: 4058'
Original Spud Date: 1/27/1972
Original Compl. Date: 2/27/1972

CASING DETAIL

Surface Csg.	
Size:	13 3/8"
Wt.	48# K-55
Set @:	31'
Sxs cmt:	
TOC:	Surface
Hole Size:	17-1/2"
Intermediate Csg.	
Size:	8 5/8"
Wt.:	24# K-55
Set @:	1623'
Sxs cmt:	820sx
TOC:	surface
Hole Size:	12.25"
Production Csg.	
Size:	5 1/2"
Wt. (top to bottom):	17# K-55
Set @:	8960'
Sxs Cmt:	1000SX
TOC:	2800' (temp)
Hole Size:	7 7/8"



Tubing Detail **Date:** **4/26/2000**

# Jts.	Size	Footage
280	2-3/8" J-55 IPC tbg	8636.00
		8636.00

PBTD: 8893'
TD: 8960'

NVAWU #6
Well History

2/27/1972 **Initial Completion - Abo**
Perforate 8856-57, 8877-81'
Acidize w/10000gal 20% NEA and 10000gal gel water

5/19/1974 **Completion of San Andres, Downhole Commingle**
Set CIBP @ 4797' and perforated 4696-98, 4702-04, 09-11, 22-24
Acidize with 4000gals 15% NEA and frac with 17000gals gel water
Tested at 15bopd, 3bwpd

4/11/1980 **Perforate Csg & Squeeze Cmt @ 1651'**

3/3/1982 **TA Abo, Produce from San Andres only**
Set CIBP @ 5015', GIH w/ production equipment

5/3/1985 **Convert to Water Injection Well**
Perf 8800, 4, 10, 22, 25, 33; spot 5bbls 20% NEFE over perfs
Acidize w/10000gal 20% NEFE + 300# rock salt in 13500gal gel bri

5/8/1989 **Abandon San Andres**
Perforations 4532-4649 were added and sand frac'd in 10/1988
Squeezed w/150sx cmt

8/18/1992 **Squeezed Casing Leak - old SA perfs**
Squeezed 50sx 4679' - 4710'

3/26/1997 **Step Rate Test**
OCD Max Allowable Surface Injection Pressure 4300psig

UPDATED BY: Cassie Viets
DATE: 5/5/2004