

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.	
30-025-31705	
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease No.	B-155
7. Lease Name or Unit Agreement Name VACUUM GLORIETA WEST UNIT	
8. Well No.	65
9. Pool Name or Wildcat VACUUM GLORIETA	
Feet From The WEST Line	
MPM LEA COUNTY	

**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.**

1. Type of Well:      OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER    INJECTION			
2. Name of Operator CHEVRON USA INC		8. Well No. 65	
3. Address of Operator 15 SMITH RD, MIDLAND, TX 79705		9. Pool Name or Wildcat VACUUM GLORIETA	
4. Well Location Unit Letter <u>  F  </u> : <u>  1522  </u> Feet From The <u>  NORTH  </u> Line and <u>  1492  </u> Feet From The <u>  WEST  </u> Line Section <u>  36  </u> Township <u>  17S  </u> Range <u>  34E  </u> NMPM <u>          </u> LEA COUNTY			
10. Elevation (Show whether DF, RKB, RT,GR, etc.)		4004' GR	

11.

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK	<input type="checkbox"/>	PLUG AND ABANDON	<input type="checkbox"/>
TEMPORARILY ABANDON	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		
OTHER:	ADD GLORIETA PAY		<input checked="" type="checkbox"/>

## SUBSEQUENT REPORT OF:

REMEDIAL WORK	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
COMMENCE DRILLING OPERATION	<input type="checkbox"/>	PLUG AND ABANDONMENT	<input type="checkbox"/>
CASING TEST AND CEMENT JOB	<input type="checkbox"/>		
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.

CHEVRON U.S.A. INC. INTENDS TO CMT SQUEEZE THE LOWER PADDOCK PERFS & ADD PAY IN THE GLORIETA FR 5850-5905. THIS WELL IS ON THE NMOCID IDLE WELL LIST & THERE IS A SURFACE INJECTION TBG LEAK.

THE INTENDED PROCEDURE AND 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 5/25/2006  
TYPE OR PRINT NAME Denise Pinkerton Telephone No. 432-687-7375

(This space for State Use)

APPROVED  TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE \_\_\_\_\_

**JUN 13 2006**  
DeSoto/Nichols 12-93 ver 1.0

DeSoto/Nichols 12-93 ver 1.0

**PETROLEUM ENGINEER**

3/21/2006

## VGWU #65

Note: Water exiting in Lower Paddock. Plan to cmt sq Paddock to eliminate injection into the Lower Paddock. Plan to reperf the Upper Paddock and add Glorieta.

### Procedure

1. Notify Wayne Minchew or Larry Ridenour to setup injection profile to begin ~three weeks after RU date.
2. Check anchors.
3. *Arrange for delivery of new injection tbg and injection packer.*
4. Kill well if necessary.
5. MIRU PU and reverse unit.
6. Install BOP.
7. TOH w/ 2 3/8" injection tbg and packer. (Lay down injection tbg if not poly lined tbg.) (Notify Denise Wann of type of injection tbg and report any scale, paraffin, etc.)
8. TIH w/ 4 3/4" bit and casing scrapper on 2 7/8" workstring to 6160'. If find hard fill, contact Denise Wann.
9. TIH w/ 5 1/2" packer on 2 7/8" workstring and test casing integrity.
10. Set packer @ 5930' and establish rate and pressure into perfs 5960'-6140'.
11. TIH w/ 5 1/2" cement retainer and set ~5930'.
12. Cement squeeze perforations 5960'-6140' w/ xx sacks Class XX or as conditions indicated from rate and pressure test per DS recommendation
13. TIH w/ 4 3/4" bit, DC's on 2 7/8" workstring and drill out to 6040'.
14. MIRU Wireline services. Install and test lubricator. TIH w/ 3 1/8" casing guns and perforated the following 2 SPF, 120 degree phasing using premium charges and one section with 4 SPF. Tie into Wedge Wireline Compensated Porosity Neutron Log dated 10/23/1992 (Note short jt 5904'-5926'.)
  - 5850'-5852', 5857'-5866', 5876'-5883', 5888'-5891', 5899'-5905' (all these at 2 SPF)
  - 5960'-5970' (4 SPF), 5980-90' (2 SPF), 5996'-6000' (2 SPF)
15. Discharge PFS charges from 5850'-5905' as per DS recommendation. TOH.
16. TIH w/ 5 1/2" pkr on 2 7/8" workstring tested to 5000#. Set pkr 5830'.
17. Acidize perfs 5850'-6000' w/6000 gals 15% HCL and X000 rock salt as per DS recommendation.
18. Swab to recover as much as possible of the load before SI overnight. Report recovered fluid volumes, pressures and/or swabbing fluid levels.
19. TOH w/ packer and workstring.
20. TIH to clean out sand to top cmt retainer @ 6080'.
21. TIH w/ injection equipment as per Bobby Hill design. Set injection packer ~5830'. Use externally wrapped tbg on the top jt as per Bobby Hill design.
22. Report rate and pressure to Denise Wann.
23. Make sure arrangements have been made for injection profile to be run.

Denise Wann  
3/21/2006

**VGWU 65 (WIW)**  
**API No. 3002531705**

**Well Location**

Wellbore number 428756  
 QU2109  
 Unit F  
 1522 FNL & 1492 FWL  
 Sec 36, T17S, R34E  
 GR 4004'  
 KB 4018'

10/6/92- Spud

10/92- Sq cmt down 5 1/2" &  
 8 5/8" annulus w/ 300 sxs.  
 Ran Bond Log fr 5100' to  
 surface.  
 Perf 5960-6138, ac 6 M gals

11" hole  
 8-5/8" 24# WC 50 CSG set @ 1550'  
 650 sxs, Circ 81 sxs

Original  
 TOC 2050'

DV Tool 5009'

2-3/8" ?? TBG  
 PKR @ 5866'

Top of Glorieta @ 5829'

Glorieta Marker @ 5899'

Top of Paddock Lime @ 5954'

Base U Paddock @ 5982'

Top of Lower Paddock @ 6093'

Perfs: 5960'-6002'  
 6100'-6138'  
 2 spf, 160 holes  
 Ac 6 m gals  
 (2 JSPF)

1997 profile- 61% out at 6123'

7 7/8" hole  
 5-1/2" 17#, 15.5# WC 50 & J55 CSG set @  
 6270'

1 st stage 375 sxs, open DV tool did not circ  
 2 nd stage 1250 sxs, did not circ  
 Original TOC 2050' TS

TD = 6270'