

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

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

Form C-103

Revised August 1, 2011

WELL API NO. 30-025-30969
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Vacuum Glorieta West Unit
8. Well Number: 75
9. OGRID Number 4323
10. Pool name or Wildcat Vacuum; Glorieta

**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 USA INC

3. Address of Operator  
6301 DEAUVILLE BLVD., MIDLAND, TX 79706

4. Well Location  
Unit Letter H : 2,310 feet from the North line and 990 feet from the East line  
Section 36 Township 17S Range 34E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,995' GL, 4,008' KB

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 checked="" 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"/>			
OTHER: <input type="checkbox"/>		OTHER: TEMPORARILY ABANDON <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. 11-3/4" @ 1,550' TOC Surface, 8-5/8" @ 3,000' TOC Surface, 5-1/2" @ 6,300' TOC Surface, well plugged to surface previously by Chevron, but observed sustained casing pressure at surface, need to re-enter.

Chevron USA INC respectfully request to re-abandon this well as follows:

1. Call and notify NMOCD 24 hrs before operations begin.
2. R/U CTU and drill out plugs f/ surface t/ 3,060'.
3. R/U wireline and run CBL logging suite, find micro-annuli and gas migration depths.
4. Perform perforations and squeezes at the desired depth based on CBL results and approval from the NMOCD. These squeezes will be attempted as suicide squeezes (unless CBL dictates otherwise) to allow for circulation behind casing with a resin based cement system and or a gas blocking cement additive.
5. After elimination of gas migration, re-spot drilled out plugs, WOC & tag each plug, verify cement to surface on top plug.
6. Cut all casings & anchors & remove 3' below grade. Verify cement to surface & weld on dry hole marker. Clean location.

Note: All cement plugs class "C" with closed loop system used.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Well Abandonment Engineer, Attorney-in-Fact DATE 1/22/17

Type or print name Howie Lucas E-mail address: howie.lucas@chevron.com PHONE: (832)-588-4044

**For State Use Only**

APPROVED BY: [Signature] TITLE P.E.S. DATE 01/25/2018  
Conditions of Approval (if any):

Current WBD - VGWU 75

Lease----- Vacuum Glorieta West Unit  
Well #----- 75  
Field----- Vacuum Glorieta  
County----- Lea  
State----- NM  
Chevno-----  
API #----- 30-025-30969  
Status----- Abandoned to surface  
Battery-----

Updated----- 01/18/18 By: Howie Lucas  
Surf. Loc----- 2,310' FNL, 990' FEL  
Bot. Loc----- Same  
Lat & Long-----  
Unit Letter----- H  
Section----- 36  
Township & Range----- 17S & 34E  
Survey----- N.M.P.M.  
Ini. Spud----- 12/14/90  
Ini. Comp----- 01/07/91

KB: 4,008' **Items shown in red indicate previous well abandonment attempt on 4/30/17**  
GR: 3,995' When the surface restoration crew arrived on location, they found pressure on the surface casing and could not bleed down the pressure.

Surface Casing

Size: 11-3/4"  
Wt., Grd.: 42#, WC-40  
Depth: 1,550'  
Sxs Cmt: 1,200 sx  
Circulate: Yes  
TOC: Surface  
Hole Size: 15"

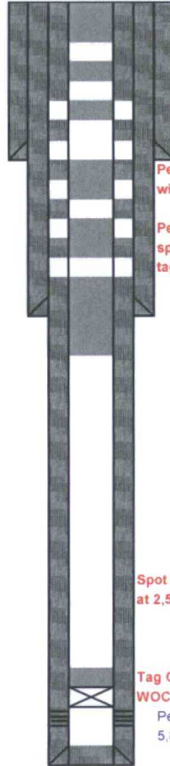
Intermediate Casing

Size: 8-5/8"  
Wt., Grd.: 32#  
Depth: 3,000'  
Sxs Cmt: 600 sx  
Circulate: Yes  
TOC: Surface  
Hole Size: 11"

Production Casing

Size: 5-1/2"  
Wt., Grd.: 15.5#  
Depth: 6,300'  
Sxs Cmt: 980 sx  
Circulate: Yes  
TOC: Surface  
Hole Size: 7-7/8"

CBL shows spotty cement f/ 2,200' t/ 750' but f/ 750' t/ surface shows good cement bond



spot 37 sx cement f/ 351' t/ surface

Perf @ 592' and 588' with no injection rate  
spot f/ 603' t/ 406', tag at 404'

Perf @ 800' and 795' with no injection rate  
spot f/ 861' t/ 613', tag at 603'

Perf @ 1,500', 1280', 1,491', 1,489', and 1,292' with no injection rate, spot cmt f/ 1,557' t/ 1,000'

Perf @ 1,700' but unable to inject  
spot 25 sx cmt f/ 1,790' t/ 1,543' tagged at 1,557'

Spot 60 sx f/ 3,062' t/ 2,470', WOC and tag at 2,572'

Tag CIBP @ 5,832' and spot 25 sx cmt WOC and tag at 4,777'

Perfs:  
5,892'-6,066'

PBTD: 6,270'  
TD: 6,300'

**T. Anhy 1488'**

**T. Salt 1596'**

**B. Salt 2630'**

**T. Yates 2813'**

**T. 7 Rivers 3118'**

**T. Queen 3688'**

**T. Grayburg 4013'**

**T. San Andres 4348'**

**T. Glorieta 5882'**

**T. Paddock 5993'**

# Proposed WBD - VGWU 75

Lease----- Vacuum Glorieta West Unit  
Well #----- 75  
Field----- Vacuum Glorieta  
County----- Lea  
State----- NM  
Chevno-----  
API #----- 30-025-30969  
Status----- Abandoned to surface  
Battery-----

Updated----- 01/18/18 By: Howie Lucas  
Surf. Loc----- 2,310' FNL, 990' FEL  
Bot. Loc----- Same  
Lat & Long-----  
Unit Letter----- H  
Section----- 36  
Township & Range----- 17S & 34E  
Survey----- N.M.P.M.  
Ini. Spud----- 12/14/90  
Ini. Comp----- 01/07/91

KB: 4,008'  
GR: 3,995'

## Surface Casing

Size: 11-3/4"  
Wt., Grd.: 42#, WC-40  
Depth: 1,550'  
Sxs Cmt: 1,200 sx  
Circulate: Yes  
TOC: Surface  
Hole Size: 15"

## Intermediate Casing

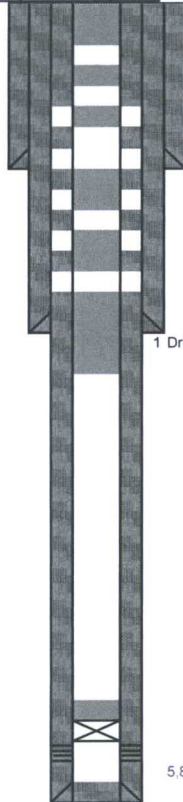
Size: 8-5/8"  
Wt., Grd.: 32#  
Depth: 3,000'  
Sxs Cmt: 600 sx  
Circulate: Yes  
TOC: Surface  
Hole Size: 11"

## Production Casing

Size: 5-1/2"  
Wt., Grd.: 15.5#  
Depth: 6,300'  
Sxs Cmt: 980 sx  
Circulate: Yes  
TOC: Surface  
Hole Size: 7-7/8"

CBL shows spotty  
cement f/ 2,200'  
t/ 750' but f/ 750' t/ surface  
shows good cement bond

## Verify Cement to Surface



3. Once gas migration has stopped, spot plug to surface
2. Run CBL to determine where to squeeze, perform multiple squeezes with a resin based cement and or gas block additive to eliminate gas migration. Respot drilled out plugs, WOC & tag all plugs

1 Drill out plugs f/ surface t/ 3,060'

5,892'-6,066'

PBTD: 6,270'  
TD: 6,300'

T. Anhy 1488'  
T. Salt 1596'  
B. Salt 2630'  
T. Yates 2813'  
T. 7 Rivers 3118'  
T. Queen 3688'  
T. Grayburg 4013'  
T. San Andres 4348'  
T. Glorieta 5882'  
T. Paddock 5993'