

Submit 1 Copy To Appropriate District Office

District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
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811 S. First St., Artesia, NM 88210  
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District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

**HOBBS OCD**

**JAN 23 2018**

**RECEIVED**

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

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.)		WELL API NO. 30-025-30969
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Chevron USA, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 6301 Deauville Blvd., Midland, TX 79706		7. Lease Name or Unit Agreement Name Vacuum Glorieta West Unit
4. Well Location Unit Letter H : 2310 feet from the NORTH line and 990 feet from the EAST line Section 36 Township 17S Range 34E, NMPM, County Lea		8. Well Number: 75
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3995' GR		9. OGRID Number 4323
		10. Pool name or Wildcat Vacuum Glorieta

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

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK
- TEMPORARILY ABANDON
- PULL OR ALTER CASING
- DOWNHOLE COMMINGLE
- PLUG AND ABANDON
- CHANGE PLANS
- MULTIPLE COMPL

SUBSEQUENT REPORT OF:

- REMEDIAL WORK
- COMMENCE DRILLING OPNS.
- CASING/CEMENT JOB
- ALTERING CASING
- P AND A

OTHER:

OTHER: TEMPORARILY ABANDON

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" 42# @ 1550': TOC @ surface; 8 5/8" 32# @ 3000': TOC @ surface; 5 1/2" 15.5# @ 6300': TOC @ surface

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

1. MIRU coil tubing unit
2. M/U drillout BHA w/ 4-3/4" MT bit & mud motor, along with lubricator above quad BOP stack
3. Stump test BOP stack to 250 psi low for 5 minutes & 1500 psi high for 10 minutes each test. R/U stack to tree.
4. Drill out cement f/ surface t/ 351', f/ 406' t/ 861', f/ 1056' t/ 1531', and f/ 1557' t/ 1790', performing a flow check after drilling out each plug to ensure the well is static
5. Tag next cement plug @ 2572' and record tag depth. Circulate 2 bottoms up, TOH, & R/D coil tubing unit.
6. Run CBL. Communicate CBL results to Nick Glann (Chevron Engineer) and Mark Whitaker (NMOCD rep).
7. Spot cement, as well as perforate and squeeze, as determined from CBL results and plan forward created by the collaboration of Chevron & NMOCD, to successfully bring cement to surface and ensure a quality P&A.

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

SIGNATURE \_\_\_\_\_ TITLE P&A Engineer DATE 1/23/2018

Type or print name Nick Glann E-mail address: nglann@chevron.com PHONE: 432-687-7786

For State Use Only

APPROVED BY: \_\_\_\_\_ TITLE P.E.S. DATE 01/23/2018

Conditions of Approval (if any):

**NOTIFY OCD 24 HOURS PRIOR TO BEGINNING PLUGGING OPERATIONS**

**CURRENT  
WELLBORE DIAGRAM**

Created: 5/29/2014  
 Updated: 12/17/2015  
 Lease: Vacuum Glorieta West Unit  
 Surface Location: 2310' FNL & 990' FEL  
 Bottomhole Location:  
 County: Lea  
 Current Status: Inactive Oil Well  
 Directions to Wellsite: Buckeye, New Mexico

By: TFIZ  
 By: CJB  
 St: NM  
 Well No.: 75  
 Unit Ltr: H  
 Unit Ltr:  
 St Lease:  
 Elevation: 4008' KB

Field: Vacuum Glorieta  
 Sec: 36 TSHP/Range 17S-34E  
 Sec: TSHP/Range:  
 API: 30-025-30969 Cost Center: UCT492400  
 KB: 4008'  
 DF:  
 GL: 3995'

Original Spud Date: 12/14/1990  
 Original Compl. Date: 1/7/1991

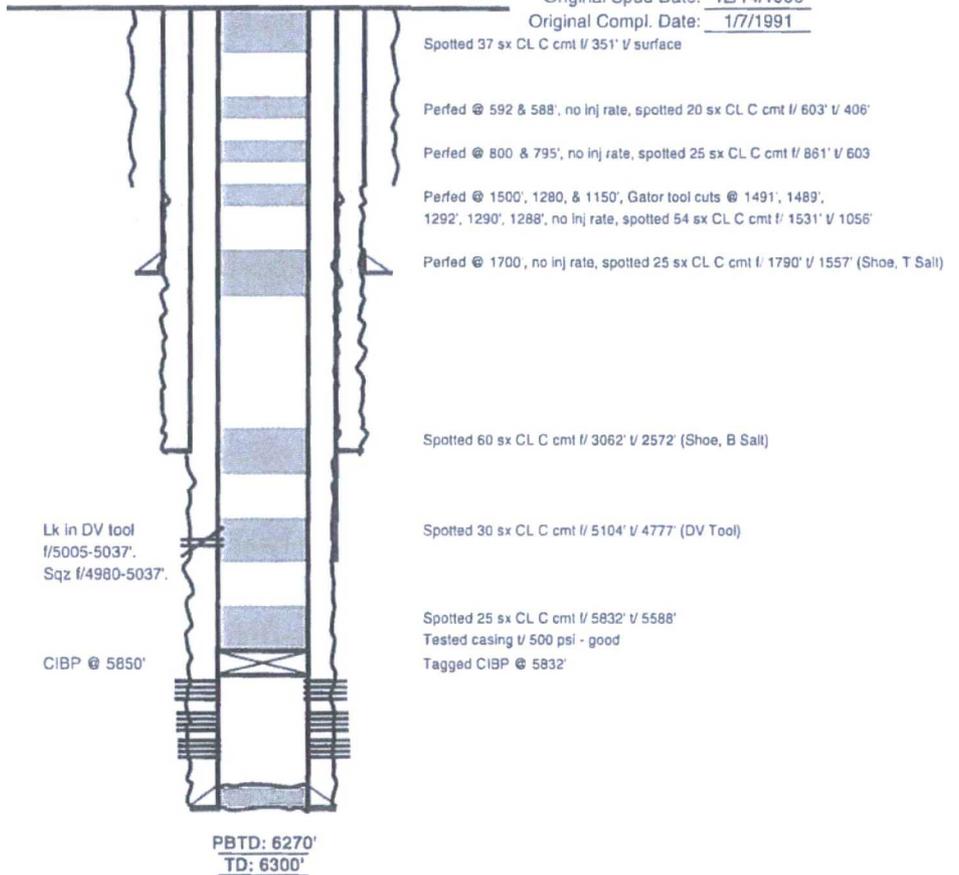
**Surface Casing**  
 Size: 11 3/4"  
 Wt.: 42#, H-40  
 Set @: 1550'  
 Sks cmt: 1200 sks  
 Circ: Yes, 142 Sks  
 TOC: Surface  
 Hole Size: 15"

**Intermediate Casing**  
 Size: 8 5/8"  
 Wt.: 32# K-55 LT&C  
 Set @: 3000'  
 Sxs Cmt: 600  
 Circ: Yes, 158 Sks  
 TOC: Surface  
 Hole Size: 11"

**Production Casing**  
 Size: 5 1/2"  
 Wt.: 15.5# K-55 LT&C  
 Set @: 6300'  
 Sks Cmt: 1st stg 350 sks, 2nd stg 630 sks  
 Circ: Yes, 70 sks  
 TOC: Surface  
 Hole Size: 7 7/8"

**PBTD:** 6270'  
**TD:** 6300'

**Perforations:**  
 Glorieta  
 5892'-5974' (56 holes)  
 6012'-6040' (42 holes)  
 6159'-6232' (78 holes)  
 6010'-6066' (114 holes)



# Vacuum Glorieta West Unit 75

## Re-Abandonment POA for CTU & CBL Work

AFE:

<b>Original GL (ft)</b>	3,995
<b>Total Depth (ft)</b>	6,300
<b>Effective Depth (ft)</b>	Surface

1. MIRU CTU and spot auxiliary equipment
2. M/U drillout BHA w/ 4-3/4" MT bit w/ size 16 nozzles & mud motor inside lubricator above BOP quad stack
3. Stump test BOP to 250 psi low for 5 minutes / 1500 psi high for 10 minutes each
4. M/U BOP to tree
5. Drill out cement f/ surface t/ 351', f/ 406' t/ 861', f/ 1056' t/ 1531', and f/ 1577' t/ 1790', using the following parameters for the specific setup on location:
  - i. Pump Rate for ideal AVs
    - 2" coil: minimum pump rate of 3 bpm
    - 2 5/8" coil: minimum pump rate of 2.5 bpm
    - Note: a higher rate can be pumped, but may not be ideal as this could lead to hydraulic'ing off the plug
  - ii. WOB
    - Max of 14,250 lbs
    - Start w/ max, or as close to it as possible, and perform a drill-off test to find sweet spot for max ROP
  - iii. After each plug, circulate 2 bottoms up, stop and perform a flow check for 15 minutes to ensure the well is static
6. When the final plug (1577'-1790') is drilled out and after the 2XBU and flow check, TIH t/ tag next cement plug @ 2572', and record tag depth
7. Circulate 2XBU

8. TOH w/ drillout BHA
9. R/D CTU
10. R/U wireline
11. Pressure test lubricator t/ 500 psi for 5 minutes
12. Run CBL
13. R/D wireline
14. Send CBL results to engineer
15. RDMO