

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

Form C-103  
 Revised August 1, 2011

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

WELL API NO. 30-025-24032
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 North Vacuum Abo West Unit
8. Well Number: 12
9. OGRID Number 4323
10. Pool name or Wildcat Lovington Paddock
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,044' GL, 4,057' DF

**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 Injection

2. Name of Operator  
Chevron U.S.A. Inc.

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

4. Well Location  
 Unit Letter N : 660 feet from the South line and 1880 feet from the West line  
 Section 22 Township 17S Range 34E NMPM County Lea

**HOBBS OCD**

**MAY 29 2020**

**RECEIVED**

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. **8-5/8" @ 1,620' TOC Surface, 5-1/2" @ 8,883' TOC Surface. Perforations: 8,706'-8,812'. CIBP w/ 50' cement at 8,580'.**

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

All Cement sack volumes are calculated using 1.32 yield for Class C and 1.18 yield for Class H. Adjust volumes to match footage as necessary based on the yield used at the time of execution.

1. Call and notify NMOCD 24 hrs before operations begin.
2. Pressure test casing to 500 psi for 15 minutes rig-less (or maximum anticipated pressure).
  - a. If pressure test fails, contact engineer.
3. MIRU CTU.
4. Check well pressures, kill well as necessary, perform bubble test on surface casing annuli, if bubble test fails Chevron intends to Zonite, cut and pull casing, or eliminate SCP with another means after the well is plugged to a certain point agreed upon by the NMOCD and Chevron.
  - a. Bubble test should be at least 30 minutes and follow the bubble test SOP.
  - b. Bubble tests should occur each morning, critical times are prior to pumping upper hydrocarbon plug or pumping cement to surface.
  - c. Perform final bubble test after cement has hardened.
5. N/U BOP and pressure test as per SOP.
  - a. 250 psi low for 5 minutes, and MASP or 500 psi, or highest expected pressure (whichever is greater) for the job for 10 minutes each.
6. TIH and tag CIBP cement cap at 8,580'.
7. Spot MLF, subtracting cement volumes. Do not place MLF until casing pressure tests.
8. Spot 50 sx CL "H" cement f/ 8,580' t/ 8,127' (Abo, Perfs).
  - a. TOC must be at 8,150' or shallower.
  - b. Discuss with NMOCD on waiving WOC and tag if casing passed a pressure test.
9. Spot 50 sx CL "C" cement f/ 4,600' t/ 4,094' (San Andres, Grayburg).

**See Attached  
 Conditions of Approval**

a. TOC must be at 4,133' or shallower.  
10. Spot 25 sx CL "C" cement f/ 3,165' t/ 2,912' (Yates).

a. TOC must be at 3,065' or shallower.

11. Spot 175 sx CL "C" cement f/ 1,763' t/ Surface (Shoe, FW).

a. Deepest freshwater zone in the area is ~169'.

12. Cut all casings & anchors & remove 3' below grade. Verify cement to surface & weld on dry hole marker (4" diameter, 4' tall). Clean location.

Note: All cement plugs class "C" (<7,500') or "H" (>7,500') with closed loop system used, and MLF spotted between plugs.

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

SIGNATURE HL TITLE P&A Engineer, Attorney in fact DATE 05/27/2020

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

**For State Use Only**

APPROVED BY: Kenny Int TITLE CO A DATE 5-29-20

Conditions of Approval (if any):

**North Vacuum Abo West Unit #12**

Lease: North Vacuum Abo West Unit  
 Pool: Vacuum Abo, North  
 Surf. Loc.: 660' FSL & 1880' FWL  
 Wellbore #: \_\_\_\_\_  
 County: Lea St.: NM  
 Status: TA'd Injector

Well #: 12 Fd./St. #: \_\_\_\_\_  
 API: 30-025-24032  
 Surface Tshp/Rng: T17S & R34E  
 Unit Ltr.: N Section: 22  
 Bottom hole Tshp/Rng: \_\_\_\_\_  
 Unit Ltr.: \_\_\_\_\_ Section: \_\_\_\_\_  
 Chevno: FG9503

**Surface Casing**

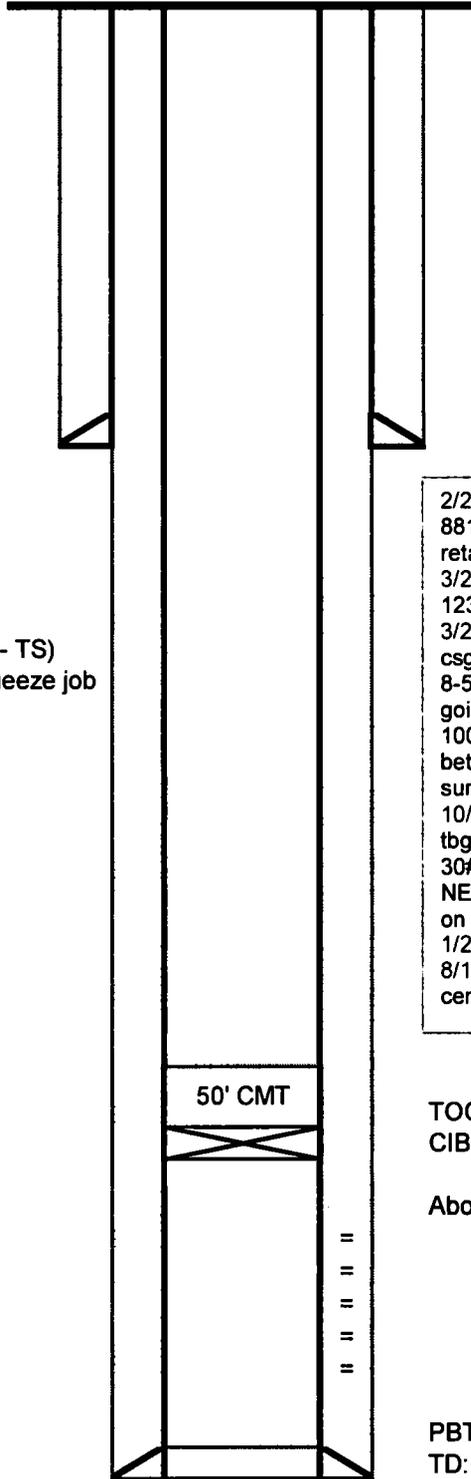
Size: 8-5/8"  
 Wt., Grd.: 24#  
 Depth: 1620'  
 Sxs Cmt: 650sx  
 Circulate: Yes  
 TOC: Surf  
 Hole Size: 12-1/4"

KB: \_\_\_\_\_  
 DF: 4057'  
 GL: 4044'  
 Ini. Spud: 02/28/72  
 Ini. Comp.: 03/30/72

**Production Casing**

Size: 5-1/2"  
 Wt., Grd.: 17#  
 Depth: 8883'  
 Sxs Cmt: 1900sx  
 Circulate: Yes  
 TOC: Surf  
 Hole Size: 7-7/8"

Base of cmt @ 1880' (3/80 - TS)  
 After Bradenhead Squeeze job



2/28/72 Spud well. Perf Abo Fm f/ 8706-8812'. Acid stim w/ 10,600 gals 20% retarded acid.  
 3/29/72 24-hour OPT @ 136 bo, 0 bw, 123 mcf (pumping).  
 3/26/80 Ran RBP set @ 5007'. Press csg to 900# pmp down annulus between 8-5/8" & 5-1/2" run temp survey. Fluid going out @ 1708'. Press 5-1/2" csg to 1000#. Pmp 1000sx cl C neat cmt between 8-5/8" & 5-1/2". Run temp survey. Base of cmt @ 1880'.  
 10/18/84 CWI. POOH w/ rods, pmp & tbg. Acid stim 8706-8812' w/ 10,000 gals 30# gelled brine & 10,000 gals 20% NEFE acid. Ran inj equip. SI-Inj, waiting on inj line.  
 1/22/85 Chg status f/ SI-Inj to Inj.  
 8/13/12 TA with CIBP set @ 8630' w/ 50' cement cap (TOC @ 8580').

FORMATION TOPS	
Rustler	1500
Salt	1713
Yates	3165
Seven Rivers	3193
Queen	3825
Grayburg	4233
San Andres	4600
Glorieta	6107
Paddock	6300
Tubb	7496
Drinkard	7687
Abo	8250

TOC @ 8580'  
 CIBP @ 8630'

Abo Perfs:  
 = 8706-20' 3/1972  
 = 8736-46' 3/1972  
 = 8750-60' 3/1972  
 = 8782-88' 3/1972  
 = 8808-12' 3/1972

PBTD: 8848'  
 TD: 8900'

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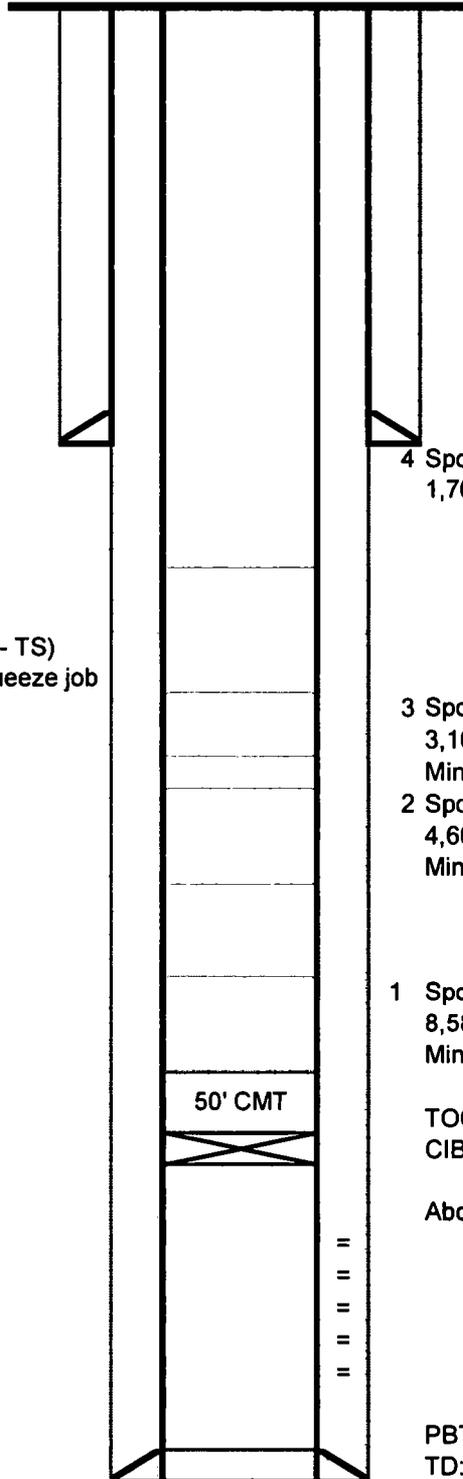
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 After Bradenhead Squeeze job



4 Spot 175 sx Class C cement  
 1,763'-Surface

3 Spot 25 sx Class C cement  
 3,165'-2,912'  
 Min = 3,065'

2 Spot 50 sx Class C cement  
 4,600'-4,094'  
 Min = 4,133'

1 Spot 50 sx Class H cement  
 8,580'-8,127'  
 Min = 8,150'

TOC @ 8580'  
 CIBP @ 8630'

Abo Perfs:  
 = 8706-20' 3/1972  
 = 8736-46' 3/1972  
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