

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-025-24032
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injection <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Chevron U.S.A. Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 6301 DEAUVILLE BLVD., MIDLAND, TX 79706		7. Lease Name or Unit Agreement Name North Vacuum Abo West Unit
4. Well Location Unit Letter <u>N</u> : <u>660</u> feet from the <u>South</u> line and <u>1880</u> feet from the <u>West</u> line Section <u>22</u> Township <u>17S</u> Range <u>34E</u> NMPM County <u>Lea</u>		8. Well Number: 12
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,044' GL, 4,057' DF		9. OGRID Number 4323
		10. Pool name or Wildcat Lovington Paddock

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
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. 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.

- Call and notify NMOCD 24 hrs before operations begin.
- Pressure test casing to 500 psi for 15 minutes rig-less (or maximum anticipated pressure).
  - If pressure test fails, contact engineer.
- MIRU CTU.
- 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.
  - Bubble test should be at least 30 minutes and follow the bubble test SOP.
  - Bubble tests should occur each morning, critical times are prior to pumping upper hydrocarbon plug or pumping cement to surface.
  - Perform final bubble test after cement has hardened.
- N/U BOP and pressure test as per SOP.
  - 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.
- TIH and tag CIBP cement cap at 8,580'.
- Spot MLF, subtracting cement volumes. Do not place MLF until casing pressure tests.
- Spot 50 sx CL "H" cement f/ 8,580' t/ 8,127' (Abo, Perfs).
  - TOC must be at 8,150' or shallower.
  - Discuss with NMOCD on waiving WOC and tag if casing passed a pressure test.
- 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

50' CMT

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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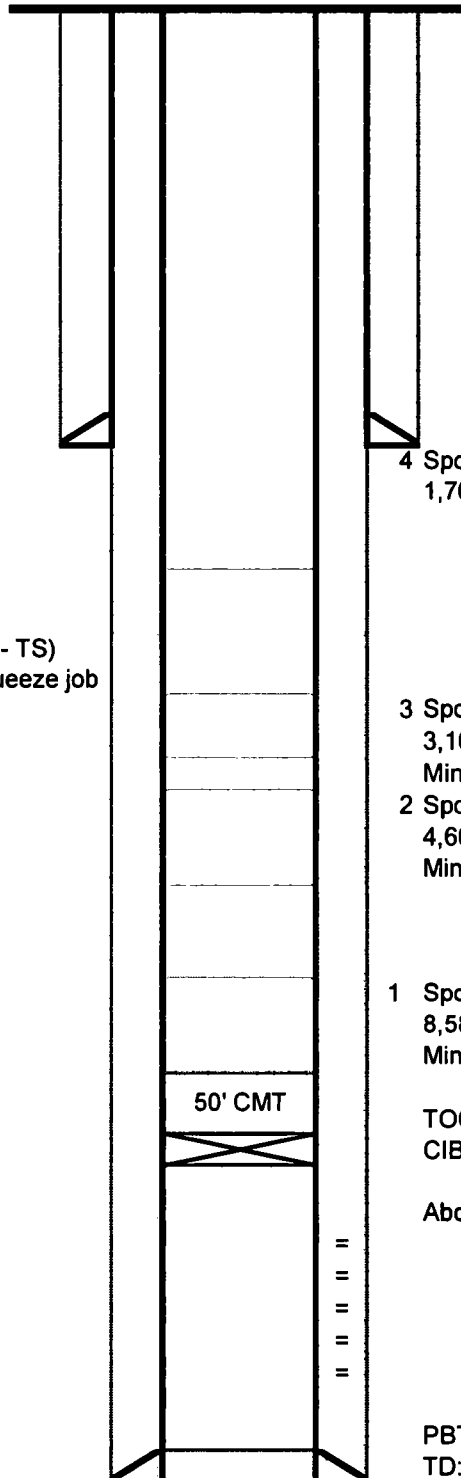
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 Ini. Comp.: 03/30/72

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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  
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