

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

<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" (NMAC 19.15.7.14) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-24708
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 Carrasco 18
4. Well Location Unit Letter <u>D</u> : <u>990</u> feet from the <u>North</u> line and <u>990</u> feet from the <u>West</u> line Section <u>18</u> Township <u>23S</u> Range <u>28E</u> NMPM County <u>Eddy</u>		8. Well Number: 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR 3,059' & KB 3,077'		9. OGRID Number 4323
10. Pool name or Wildcat Lovington; Delaware, South		

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

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <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. 20" 94# @ 437' TOC surface, 13 3/8" 68# @ 2,386' TOC surface, 9-5/8" 40# @ 10,642' original TOC 8,487', 5-1/2" 20# liner @ 10,108'-12,650' TOC 10,108'.

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

1. Call and notify NMOCD 24 hrs before operations begin.
2. Please see the attached program for the wellbore work.
3. Once the P&A is complete, 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 5/29/18

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 State Engineer DATE 5-30-18  
 Conditions of Approval (if any):

Well: Carrasco 18-1

Field: Lovington North

Reservoir: Brushy Canyon, Atoka, Morrow

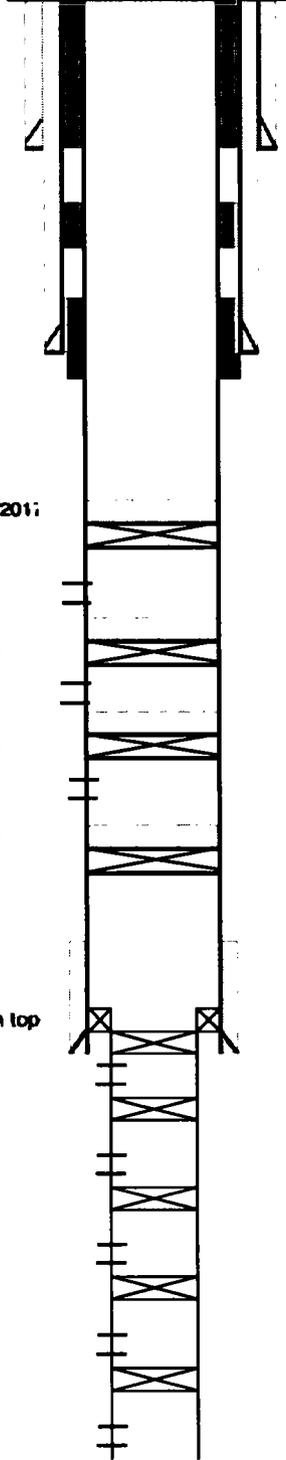
**Location:**  
 990' FNL & 990' FWL  
 Section: 18  
 Township: 23S  
 Range: 28E  
 County: Eddy State: NM

**Elevations:**  
 GL: 3,059'  
 KB: 3,077'

**Well ID Info:**  
 API No: 30-025-29092  
 Spud Date: 2/4/1984  
 Compl. Date: 7/25/1984

**Current Wellbore Diagram**

9-5/8" X 13-3/8" has 180 psi sustained casing pressure



**Conductor:** 20", 94#, J-55  
**Set:** @ 437' w/ 750 sks  
**Hole Size:** 26"  
**Circ:** Yes **TOC:** Surface  
**TOC By:** Circulated

**Surface Csg:** 13-3/8", 68#, K-55  
**Set:** @ 2,386' w/ 2,900 sks  
**Hole Size:** 17-1/2"  
**Circ:** Yes **TOC:** Surface  
**TOC By:** Circulated

**Production Csg:** 9 5/8", 40#, N-80  
**Set:** @ 10,642' w/ 1,850 sks  
**Hole Size:** 12-1/4"  
**Circ:** No **TOC:** 8,487'  
**TOC By:** Temp Survey  
**DV Tool:** 5,619

**Production Liner:** 5 1/2", 20# N-80  
**Set:** @ 10,108'-12,650' w/ 800 sks  
**Hole Size:** 7 7/8"  
**Circ:** No **TOC:** 10,108'  
**TOC By:** Temperature Survey

Spot 80 sx CL C cement // 5471' // 5220' (7/2/2017)  
 Perf @ 5458', unable to inject (7/1/2017)  
 Existing CIBP @ 5471'

Perfs // 5550' // 5640'

Existing CIBP @ 5740' w/ 2 sx cement on top

Perfs // 5786' // 5834'

Existing CIBP @ 6030' w/ 1 sx cement on top

Perfs @ 6040'

Existing CIBP @ 6275' w/ 2 sx cement on top

Existing CIBP @ 11131' w/ 2 sx cement on top

Perfs // 11180' // 11224'

Existing CIBP @ 11875'

Perfs // 11915' // 11929'

Existing CIBP @ 12120'

Perfs // 12140' // 12156'

Existing CIBP @ 12300'

Perfs // 12424' // 12433'

Existing CIBP @ 12489'

Perfs // 12577' // 12592'

TD: 12,650'

Updated: 5/29/18

By: H Lucas

**Formation Tops**

Anhydrite	437
Salt	1775
Bone Springs	5850
Wolfcamp	8195
Canyon	10770
Strawn	11060
Morrow	11850

Well: Carrasco 18-1

Field: Lovington North

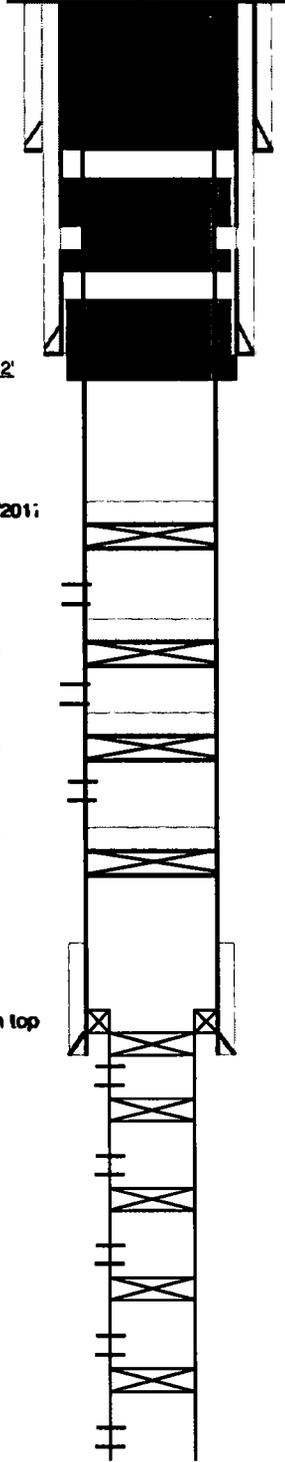
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 Set @ 10,108'-12,650' w/ 800 sks  
 Hole Size: 7 7/8"  
 Circ: No TOC: 10,108'  
 TOC By: Temperature Survey

- 5 If no pressure exists, spot f/ 490' V surface
- 4 Bring cement f/ 1,330'. WOC & tag
- 3 Perform suicide sqz through retainer f/ 2,100' V 1,725'
- 2 Spot 100 sx CL "C" cmt f/ 2,435' V 2,132'
- 1 Spot MLF f/ 5,220' V 2,435'

Spot 80 sx CL C cement f/ 5471' V 5220' (7/2/2011;  
 Perf @ 5458', unable to inject (7/1/2017)  
 Existing CIBP @ 5471'

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# Carrasco 18 #1

## Re-Abandonment POA – Phase 2

<b>Original GL (ft)</b>	3,059'
<b>Total Depth (ft)</b>	12,650'
<b>Effective Depth (ft)</b>	5,220'

1. MIRU 2-3/8" CTU and auxiliary equipment
2. Check well pressures on all casing strings and record, bleed off as necessary
3. N/U & test lubricator, BOPE and injector
4. TIH w/ open ended CTU t/ tag at 5,220'
5. Attempt to pressure test casing to 1,000 psi (previous attempt failed test)
6. M&P 9.5 salt gel mud f/ tag depth t/ 2,435'
7. Spot 100 sx class "C" cmt f/ 2,435' t/ 2,132', WOC & tag only if casing test fails
8. Perforate at 2,100' and 1,725' (50' above salt zone) with tubing punch guns (only perforate one string)
9. M/U retainer and TIH t/ set at 2,080' (ensure to pump through prior to setting)
10. Establish circulation between perforations
11. Perform suicide squeeze by squeezing ~100 sx CL "C" gas block cmt into annulus, then unstring from retainer and lay 245 sx of Class C gas block cmt f/ 2,080' t/ 1,330' while tripping. Verify circulation through top perf into production casing. Ensure to follow a trip schedule to keep 100' of cement below CTU at all times while laying the plug inside the 9-5/8" casing
12. Circulate the ENTIRE wellbore clean while tripping t/ 1,000' (do not allow any excess cement to move below the CTU while tripping)
13. WOC at least 4 hours
14. TIH & tag TOC
15. Check surface casing pressure and perform bubble test if no gauge pressure exists
16. If pressure is eliminated continue by pumping 160 sx CL "C" cmt f/ 490' t/ surface
17. If pressure still exists perforate at 1,250' and 1,000'. Repeat steps 8 through 14
18. If pressure still exists contact the engineer to discuss further perforation and squeezes with the regulatory agency
19. RDMO