

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

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. 30-015-24708
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 D : 990 feet from the NORTH line and 990 feet from the WEST line Section 18 Township 23S Range 28E, NMPM, County Eddy		8. Well Number: 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3942' GR		9. OGRID Number 4323
FEB 26 2018		10. Pool name or Wildcat Lovington; Delaware, South

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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. 20" 94# @ 437': TOC @ surface; 13 3/8" 68# @ 2386': TOC @ surface; 9 5/8" 40# @ 10642': original TOC @ 8487', perf & squeezes in original abandonment brought TOC to surface (see WBD); 5 1/2" 20# @ 10108'-12650': TOC @ 10108'

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

1. MIRU, N/U CL II BOP, & test
2. M/U drillout BHA
3. Drill out cement f/ surface t/ 490', f/ 1330' t/ 1600', and f/ 2132' t/ 2435', performing a flow check after drilling out each plug to ensure the well is static
4. Tag next cement plug @ 5220' and record tag depth. Circulate 2 bottoms up & TOH.
5. Run CBL. Communicate CBL results to Nick Glann (Chevron Engineer) and Gilbert Cordero (NMOCD rep).
6. 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 [Signature] TITLE P&A Engineer DATE 2/26/2018

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

For State Use Only

APPROVED BY: [Signature] TITLE Staff Mgr DATE 2-27-18
Conditions of Approval (if any):

Carrasco 18 #1

Re-Abandonment POA

AFE:

Original GL (ft)	3,059'
Total Depth (ft)	12,650'
Effective Depth (ft)	Surface

1. MIRU rig and spot auxiliary equipment
2. N/U & test Class II Blind/Annular BOP with drilling spool (4" outlet) for returns to 250 psi low / 1000 psi high for 5 minutes each
3. M/U drillout BHA
 - i. Full drilling assembly as follows:
 - 8 5/8" MT bit with size 16 nozzles
 - Float sub w/ float
 - Six 4 1/2 drill collars
 - Two 3 1/2" HWDP
 - 3 1/2" DP
4. Drill out cement f/ surface t/ 490', f/ 1330' t/ 1600', and f/ 2132' t/ 2435', using the following parameters:
 - i. Pump Rate
 - Minimum of 7 bpm (294 gpm)
 - ii. WOB
 - 10k – 18k
 - Start w/ max, or as close to it as possible, and perform a drill-off test to find sweet spot for max ROP
 - iii. RPM
 - 100
 - iv. Torque

- 4000 ft-lbs max
- v. After each plug, circulate 2 bottoms up, stop and perform a flow check for 15 minutes to ensure the well is static
 5. When the third plug (2132'-2435') is drilled out and after the 2XBU and flow check, TIH $\frac{1}{2}$ tag next cement plug @ 5220', and record tag depth
 6. Circulate 2XBU
 7. TOH w/ drillout BHA
 8. R/U wireline
 9. Pressure test lubricator $\frac{1}{2}$ 500 psi for 5 minutes
 10. Run CBL
 11. R/D wireline
 12. Send CBL results to engineer & NMOCD
 13. Based on CBL results, will use 3 $\frac{1}{8}$ " guns for perf intervals
 14. While waiting on orders, R/D power swivel, change out 3 $\frac{1}{2}$ " equipment to 2 $\frac{7}{8}$ " equipment for 2 $\frac{7}{8}$ " work string

Well: **Carrasco 18 #1**Field: **Lovington North**Reservoir: **Brushy Canyon, At Morrow****Location:**

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

Current Wellbore Diagram**Well ID Info:**

API No: 30-015-24708
 Spud Date: 2/4/1984
 Compl. Date: 7/25/1984

Elevations:

GL: 3059'
 KB: 3077'

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

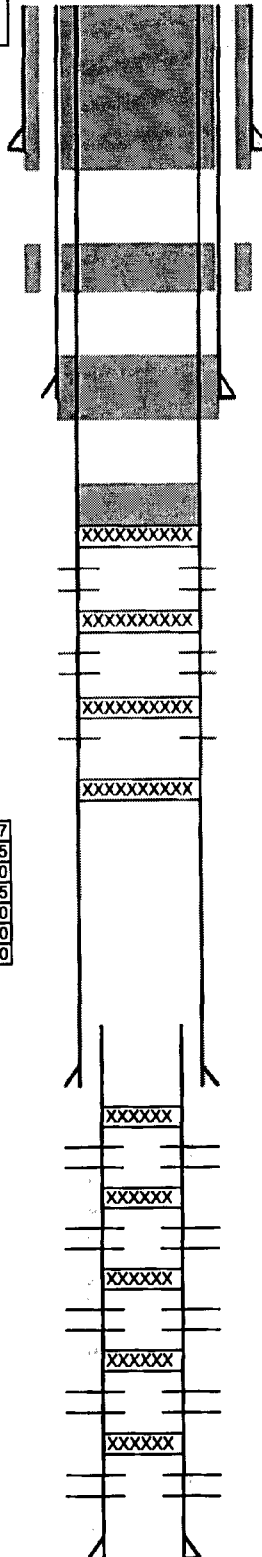
Surface Csg: 13 3/8", 68#, K-55
 Set: @ 2386' w/ 2900 sks
 Hole Size: 17 1/2"
 Circ: Yes TOC: Surface
 TOC By: Circulated

Prod. Csg: 9 5/8", 40#, N-80
 Set: @ 10642' w/ 1850 sks
 Hole Size: 12 1/4"
 Circ: No TOC: 8487'
 TOC By: Temperature Survey
 DV Tool: 5619'

Prod. Liner: 5 1/2", 20#, N-80
 Set: @ 10108-12650' w/ 800 sks
 Hole Size: 7 7/8"
 Circ: No TOC: 10108'
 TOC By: Temperature Survey

Formation Tops

Anhydrite	437
Salt	1775
Bone Springs	5850
Wolfcamp	9195
Canyon	10770
Strawn	11060
Morrow	11850



Perf & sqz 275 sx CL C cement l/ 490' v surface (S)

Perf & sqz 145 sx CL C cement l/ 1600' v 1330' (S)

Perf & sqz 125 sx CL C cement l/ 2435' v 2132' (S)

Spot 80 sx CL C cement l/ 5471' v 5220' (7/2/2017)
 Perf @ 5456', unable to inject (7/1/2017)
 Existing CIBP @ 5471'

Perfs l/ 5550' v 5640'

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

Perfs l/ 5786' v 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 l/ 11180' v 11224'

Existing CIBP @ 11875'

Perfs l/ 11915' v 11929'

Existing CIBP @ 12120'

Perfs l/ 12140' v 12158'

Existing CIBP @ 12300'

Perfs l/ 12424' v 12433'

Existing CIBP @ 12489'

Perfs l/ 12577' v 12592'

TD: 12650'

Updated: 2/22/2018

By: NGEF