

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. 30-025-25800
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 Central Vacuum Unit
8. Well Number: 115
9. OGRID Number 4323
10. Pool name or Wildcat vacuum Grayburg SA

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG WELLS TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Inj <input type="checkbox"/>	
2. Name of Operator Chevron USA Inc	
3. Address of Operator 6301 DEAUVILLE BLVD., MIDLAND, TX 79706	
4. Well Location Unit Letter <u>J</u> : <u>1600</u> feet from the <u>South</u> line and <u>1500</u> feet from the <u>East</u> line Section <u>6</u> Township <u>18S</u> Range <u>35E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,971' GL, 3,983' KB	

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

NOTICE OF INTENTION TO		SUBSEQUENT REPORT OF:	
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: <input type="checkbox"/>	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. 13-3/8" @ 350' TOC Surface, 9-5/8" @ 1,510' TOC Surface, 7" @ 2,710' TOC Surface, 4-1/2" @ 4,800' TOC 2,760' via temp survey, Perforations: 4,560'-4,705'.

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

1. Call and notify NMOCD 24 hrs before operations begin.
2. MIRU pulling, N/U BOP, check well pressures, perform bubble test on surface casing annuli, if bubble test fails Chevron intends to Zonite the well after it is plugged to a certain point agreed upon by the NMOCD and Chevron.
3. Unset packer, re-set at 4,500', set plug in tubing, pressure test t/ 500 psi f/ 10 min, pressure test csg t/ 1,000 psi f/ 10 min, cut tbg above packer, spot 55 sx CL "C" cmt f/ 4,500' t/ 3,690', WOC & tag only if casing does not pressure test. If packer cannot be re-set, pull packer and tubing and discuss setting CIBP.
4. Spot 30 sx CL "C" cmt f/ 3,317' t/ 2,750' (7 Rivers, Yates). Do not re-use Duoline tubing after this point due to risk of liner flaking and sticking wireline tools, etc.
5. Perforate casing at 2,760' and squeeze 25 sx CL "C" cmt f/ 2,595' t/ 2,760', WOC & tag (Shoe). This may not squeeze cement due to TOC at 2,760'. If it does not, drop 50' below perf hole and bring cement t/ 2,595', WOC & tag.
6. Perforate casing at 1,685' and squeeze 260 sx CL "C" cmt f/ Surface t/ 1,685' (Salt, DV Tool, Shoe(s), FW, Surf).
7. 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" (<6,500') or "H" (>6,500') 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 Howie Lucas TITLE P&A Engineer, Attorney in fact DATE 1/9/19

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

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 1-18-19
Conditions of Approval (if any):

CVU 115

Created: 07/16/08 By: JSS
 Updated: 07/16/08 By: JSS
 Lease: Central Vacuum Unit
 Field: Central Vacuum Unit
 Surf. Loc.: 1600' FSL, 1500' FEL
 Bot. Loc.:
 County: Lea St.: NM
 Status: Active Injection Well 9/5/79

Well #: 115 St. Lse: B-1031
 API: 30-025-25800
 Unit Ltr.: J Section: 6
 TSHP/Rng: S-18 E-35
 Unit Ltr.: Section:
 TSHP/Rng:
 CHEVNO: EP9945
 Directions: Buckeye, NM

Surface Csg.

Size: 13-3/8"
 Wt.: 48# K-55
 Set @: 350'
 Sxs cmt: 400sx
 Circ: Yes
 TOC: Surface
 Hole Size: 17-1/2"

KB: 3983'
 DF: NA
 GL: 3971'
 Ini. Spud: 6/22/1979
 Ini. Comp.: 7/16/1979

Intermediate Csg.

Size: 9-5/8"
 Wt.: 32# ST & C
 Set @: 1510'
 Sxs Cmt: 800sx
 Circ: Yes
 TOC: Surface
 Hole Size: 12-1/4"

DV @
 1526'

Intermediate Csg.

Size: 7"
 Wt.: 23# K-55
 Set @: 2710'
 Sxs Cmt: 650sx
 Circ: Yes
 TOC: Surface
 Hole Size: 8-3/4"

Production Csg.

Size: 4-1/2"
 Wt.: 10.5# K-55
 Set @: 4800'
 Sxs Cmt: 800sx
 Circ: No
 TOC: 2760' TS
 Hole Size: 6-1/8"

Perf. and Stimulation History:

CVU 115

7/16/79 Initial completion perf. From 4560-4705'. Acidize w/8800 gals 15% NEFE.
 9/5/79 Start water injection: perfs. 4560-4705'. Test: 850 BWIPD @ Vac. 24 hrs. injecting.
 12/18/79 Frac. 4560-4705' w/1.5-18/39. Test: 1000 BWIPD @ 400# 24 hrs. injecting.
 8/2/83 Acidize perfs. 4560-4705' w/500/500 acid/bleach. Test: 505 BWIPD @ 1200# 24 hrs. injecting.
 4/26/94 Accum. injection: 412 MBWI as of 4/26/94.
 5/27/94 Acidize perfs. 4560-4705' w/5000 gals 20% NEFE w/3000# RS and 40 ball sealers. Max.=4000, Avg.=1700, Avg. rate=4 bpm, ISIP= 1600.
 6/2/94 OPT: Injecting 67 BWPD @ 850 psi.
 3/6/03 Acidize perfs. 4560-4705' w/4000 gals 15% NEFE and 3000# salt block. Max.=2500, MIN.=549#, Avg.=1500#, Avg. rate=4 bpm. ISIP=1155#.
 3/11/03 Tubing and Packer in hole: 2 3/8" 4.7# J-55 duo-line tbg. 137 jts. @ 4337' and Pkr. @ 4337'.
 4/09 Tagged @ 4389'. Tbg press 1175.
 4/12/18 Failed bradenhead test, well may have sustained casing pressure.

Tubing and Packer Detail:

137jts 2-3/8" 4.7# J-55 duoline cmt inj tbg
 Pkr @ 4337'
 Watson "G" Loc

Perfs: 4560-4705'

PBTD: 4761'
 TD: 4800'

Formation Tops

Rustler	1472
Salt	1635
Tansil	2797
Yates	2897
Seven Rivers	3267
Queen	3893
Grayburg	4229
San Andres	4629

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 Unit Ltr.: J Section: 6
 TSHR/Rng: S-18 E-35
 Unit Ltr.: Section:
 TSHR/Rng:
 CHEVNO: EP9945
 Directions: Buckeye, NM

Verify Cement to Surface

Surface Csg.

Size: 13-3/8"
 Wt.: 48# K-55
 Set @: 350'
 Sxs cmt: 400sx
 Circ: Yes
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 Hole Size: 17-1/2"

KB: 3983'
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Intermediate Csg.

Size: 9-5/8"
 Wt.: 32# ST & C
 Set @: 1510'
 Sxs Cmt: 800sx
 Circ: Yes
 TOC: Surface
 Hole Size: 12-1/4"

DV @
 1526'

4 Perforate casing at 1685' and squeeze
 260 sx CL "C" cmt f/ Surface t/ 1685'
 (Salt, DV Tool, Shoes, FW, Surf)

Intermediate Csg.

Size: 7"
 Wt.: 23# K-55
 Set @: 2710'
 Sxs Cmt: 650sx
 Circ: Yes
 TOC: Surface
 Hole Size: 8-3/4"

3 Perforate casing at 2760' and squeeze 25
 sx CL "C" cm f/ 2595' t/ 2760', WOC & tag
 (Shoe)

Production Csg.

Size: 4-1/2"
 Wt.: 10.5# K-55
 Set @: 4800'
 Sxs Cmt: 800sx
 Circ: No
 TOC: 2760' TS
 Hole Size: 6-1/8"

2 Spot 30 sx CL "C" cmt f/ 3317' t/ 2750'
 (7 Rivers, Yates)

1 Unset packer, re-set at 4500', set tubing plug,
 pressure test csg and tbg, cut tbg above plug,
 spot 55 sx CL "C" cmt f/ 4500' t/ 3690', WOC &
 tag only if casing did not test (Perfs, Grayburg,
 Queen)

Perfs: 4560-4705'

PBTD: 4761'
 TD: 4800'

Formation Tops

Rustler	1472
Salt	1635
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GENERAL CONDITIONS OF APPROVAL:

- 1) Insure all bradenheads have been exposed, identified, and valves are operational prior to rigging up on well.
- 2) Contact the appropriate NMOCD District Office no later than 24 hours prior to moving in and rigging up.
- 3) A copy of the approved C103 intent to P&A should be distributed to the onsite company and plugging representatives. Approved procedures are good for a period of one year from approved date, unless otherwise specified on the C103 intent. Approvals past this date will require the submission and approval of a new C103 intent.
- 4) A company representative is required to be present to witness all operations including setting CIBP's, circulation of mud laden fluids, perforating, squeezing or spotting cement plugs, tags, or any other operations approved on the C103 intent to P&A. Company representative should contact the NMOCD and report all operations.
- 5) Any changes that may be required during plugging operations should be approved by the NMOCD before proceeding.
- 6) A closed loop system is to be used for all plugging operations. Contents of the steel pits to be hauled to a NMOCD permitted disposal facility.
- 7) Mud laden fluids must be placed between all cement plugs mixed at 25 sacks of salt gel per 100 barrels of brine.
- 8) All cement plugs will be 100' or 25 sacks cement, whichever is greater. Class 'C' cement will be used above 7500' and Class 'H' below 7500'. Plugs should be no more than 3000' apart
- 9) Site remediation due within one year of well plugging completion.