

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

HOBBS OCD

JAN 23 2018

RECEIVED

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. 30-025-30969
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 Vacuum Glorieta West Unit
4. Well Location Unit Letter H : 2310 feet from the NORTH line and 990 feet from the EAST line Section 36 Township 17S Range 34E, NMPM, County Lea		8. Well Number: 75
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3995' GR		9. OGRID Number 4323
		10. Pool name or Wildcat Vacuum Glorieta

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

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. 11 3/4" 42# @ 1550': TOC @ surface; 8 5/8" 32# @ 3000': TOC @ surface; 5 1/2" 15.5# @ 6300': TOC @ surface

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

1. MIRU coil tubing unit
2. M/U drillout BHA w/ 4-3/4" MT bit & mud motor, along with lubricator above quad BOP stack
3. Stump test BOP stack to 250 psi low for 5 minutes & 1500 psi high for 10 minutes each test. R/U stack to tree.
4. Drill out cement f/ surface t/ 351', f/ 406' t/ 861', f/ 1056' t/ 1531', and f/ 1557' t/ 1790', performing a flow check after drilling out each plug to ensure the well is static
5. Tag next cement plug @ 2572' and record tag depth. Circulate 2 bottoms up, TOH, & R/D coil tubing unit.
6. Run CBL. Communicate CBL results to Nick Glann (Chevron Engineer) and Mark Whitaker (NMOCD rep).
7. 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 1/23/2018

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

For State Use Only

APPROVED BY: [Signature] TITLE P.E.S. DATE 01/23/2018

Conditions of Approval (if any):

NOTIFY OCD 24 HOURS PRIOR TO
BEGINNING PLUGGING OPERATIONS

**CURRENT
WELLBORE DIAGRAM**

Created: 5/29/2014
 Updated: 12/17/2015
 Lease: Vacuum Glorieta West Unit
 Surface Location: 2310' FNL & 990' FEL
 Bottomhole Location:
 County: Lea
 Current Status: Inactive Oil Well
 Directions to Wellsite: Buckeye, New Mexico

By: TFIZ
 By: CJB

Well No.: 75
 Unit Ltr: H
 Unit Ltr:
 St Lease:
 Elevation: 4008' KB

Field: Vacuum Glorieta
 Sec: 36 TSHP/Ran 17S-34E
 Sec: TSHP/Range:

API: 30-025-30969 Cost Center: UCT492400

KB: 4008'
 DF:
 GL: 3995'

Original Spud Date: 12/14/1990
 Original Compl. Date: 1/7/1991

Surface Casing

Size: 11 3/4"
 Wt.: 42#, H-40
 Set @: 1550'
 Sks cmt: 1200 sks
 Circ: Yes, 142 Sks
 TOC: Surface
 Hole Size: 15"

Intermediate Casing

Size: 8 5/8"
 Wt.: 32# K-55 LT&C
 Set @: 3000'
 Sxs Cmt: 600
 Circ: Yes, 158 Sks
 TOC: Surface
 Hole Size: 11"

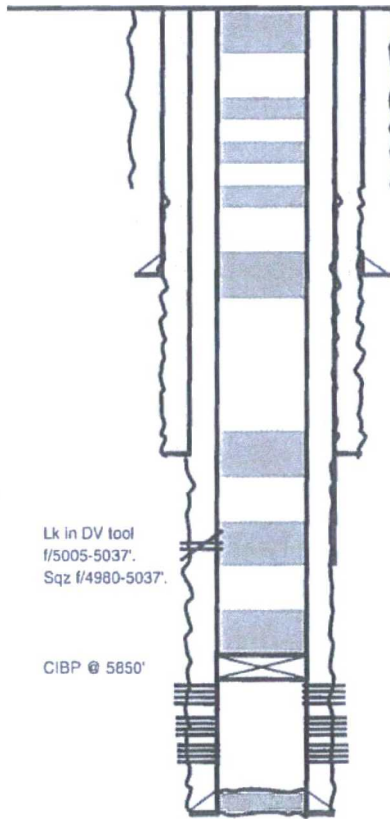
Production Casing

Size: 5 1/2"
 Wt.: 15.5# K-55 LT&C
 Set @: 6300'
 Sks Cmt: 1st stg 350 sks, 2nd stg 630 sks
 Circ: Yes, 70 sks
 TOC: Surface
 Hole Size: 7 7/8"

PBTD: 6270'
 TD: 6300'

Perforations:

Glorieta
 5892'-5974' (56 holes)
 6012'-6040' (42 holes)
 6159'-6232' (78 holes)
 6010'-6066' (114 holes)



Spotted 37 sx CL C cmt l/ 351' v surface

Perfed @ 592 & 588', no inj rate, spotted 20 sx CL C cmt l/ 603' v 406'

Perfed @ 800 & 795', no inj rate, spotted 25 sx CL C cmt l/ 861' v 603

Perfed @ 1500', 1280, & 1150', Gator tool cuts @ 1491', 1489', 1292', 1290', 1288', no inj rate, spotted 54 sx CL C cmt l/ 1531' v 1056'

Perfed @ 1700, no inj rate, spotted 25 sx CL C cmt l/ 1790' v 1557' (Shoe, T Salt)

Spotted 60 sx CL C cmt l/ 3062' v 2572' (Shoe, B Salt)

Spotted 30 sx CL C cmt l/ 5104' v 4777' (DV Tool)

Spotted 25 sx CL C cmt l/ 5832' v 5588'
 Tested casing v 500 psi - good
 Tagged CIBP @ 5832'

Lk in DV tool
 l/5005-5037'.
 Sqz l/4980-5037'.

CIBP @ 5850'

PBTD: 6270'
 TD: 6300'

Vacuum Glorieta West Unit 75

Re-Abandonment POA for CTU & CBL Work

AFE:

Original GL (ft)	3,995
Total Depth (ft)	6,300
Effective Depth (ft)	Surface

1. MIRU CTU and spot auxiliary equipment
2. M/U drillout BHA w/ 4-3/4" MT bit w/ size 16 nozzles & mud motor inside lubricator above BOP quad stack
3. Stump test BOP to 250 psi low for 5 minutes / 1500 psi high for 10 minutes each
4. M/U BOP to tree
5. Drill out cement f/ surface t/ 351', f/ 406' t/ 861', f/ 1056' t/ 1531', and f/ 1577' t/ 1790', using the following parameters for the specific setup on location:
 - i. Pump Rate for ideal AVs
 - 2" coil: minimum pump rate of 3 bpm
 - 2 5/8" coil: minimum pump rate of 2.5 bpm
 - Note: a higher rate can be pumped, but may not be ideal as this could lead to hydraulic'ing off the plug
 - ii. WOB
 - Max of 14,250 lbs
 - Start w/ max, or as close to it as possible, and perform a drill-off test to find sweet spot for max ROP
 - iii. After each plug, circulate 2 bottoms up, stop and perform a flow check for 15 minutes to ensure the well is static
6. When the final plug (1577'-1790') is drilled out and after the 2XBU and flow check, TIH t/ tag next cement plug @ 2572', and record tag depth
7. Circulate 2XBU

8. TOH w/ drillout BHA
9. R/D CTU
10. R/U wireline
11. Pressure test lubricator t/ 500 psi for 5 minutes
12. Run CBL
13. R/D wireline
14. Send CBL results to engineer
15. RDMO