

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
HOBBS OCD
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
RECEIVED

Form C-103
Revised August 1, 2011

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. 30-025-33429
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Chevron USA INC		6. State Oil & Gas Lease No. B-155-1
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 <u>I</u> : <u>2,000</u> feet from the <u>South</u> line and <u>1,070</u> feet from the <u>East</u> line Section <u>36</u> Township <u>17S</u> Range <u>34E</u> NMPM County <u>Lea</u>		8. Well Number: 89H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,986' GL		9. OGRID Number 4223
		10. Pool name or Wildcat Vacuum

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
REMEDIAL WORK
COMMENCE DRILLING OPNS.
CASING/CEMENT JOB

INT TO PA PMX
P&A NR _____
P&A R _____

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. 8-5/8" @ 1,540' TOC Surface, 5-1/2" @ 6,300' TOC @ surface, Perforations 5,944'-6,068', Open hole sidetrack completion w/ whipstock set on CIBP @ 5,856', CIBP @ 5,756' w/ 35' cement cap, casing holes at 5,194'-5,225'.

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

1. Call and notify NMOCD 24 hrs before operations begin.
2. MIRU, NDWH, NU BOPE, POOH w/ packer & tbq.
3. Tag CIBP cement cap @ 5,731', circ MLF, spot 25 sx of Class "C" cement on top of CIBP, WOC & tag.
4. Attempt to sqz 25 sx Class "C" cement into casing holes, WOC & tag. Spot & Tag if unable to sqz
5. Spot 25 sx Class "C" cement plug at 5,050' - 4,850', WOC & tag (DV tool) Pressure test csg
6. Spot 25 sx Class "C" cement plug at 4,550' - 4,350', WOC & tag (San Andres).
7. Spot 25 sx Class "C" cement plug at 3,750' - 3,550' (Queen).
8. Spot 25 sx Class "C" cement plug at 2,840' - 2,640', WOC & tag (B. Salt, Yates).
9. Spot 25 sx Class "C" cement plug at 1,600' - 1,400' (Shoe, T. Salt). WOC & TAG
10. Spot 60 sx Class "C" cement plug at 500' - Surface (FW, Surf).
11. 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" or "H" 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 _____ TITLE Project Engineer DATE 8/16/17

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

For State Use Only

APPROVED BY: Mahesh Patel TITLE Petroleum Engr. Specialist DATE 08/21/2017
Conditions of Approval (if any):

Curent Wellbore Diagram

Created: 8/17/2007	By: HLH	
Updated: 3/28/2017	By: JF	
Lease: Vacuum Glorieta West Unit	Well No.: 89H	Field: Vacuum
Surface Location: 2000' FSL & 1070' FEL	Unit Ltr: _____	Sec: 36 TSHP/Range: 17S 34E
Bottomhole Location: _____	Unit Ltr: _____	Sec: _____ TSHP/Range: _____
County: Lea St: NM	St Lease: _____	API: 30-025-33429 Cost Center: _____
Current Status: Active Producer	Elevation: _____	CHVNO: B19455 TEPI: _____
Directions to Wellsite: _____		MVP: _____

Surface Csg.

Size: 8-5/8"
 Wt.: 24#
 Set @: 1540'
 Sxs cmt: 550
 Circ: Yes (113 sx)
 TOC: Surface
 Hole Size: 11"

KB: _____
 DF: _____
 GL: _____
 Original Spud Date: 6/5/1996
 Original Compl. Date: 6/24/1996

Production Csg.

Size: 5-1/2"
 Wt.: 15.5#, 17#
 Set @: 6300'
 Sxs Cmt: 1325
 Circ: Yes (139 sx)
 TOC: Surface
 Hole Size: 7-5/8"

T. Anhy.....	1470'	T.
T. Salt.....	1615'	T.
B. Salt.....	2630'	T.
T. Yates.....	2790'	T.
T. 7 Rivers.....		T.
T. Queen.....	3700'	T.
T. Grayburg.....		T.
T. San Andres.....	4500'	T.
T. Glorieta.....	5864'	T.
T. Dinkard.....		T.
T. Del Rio ^{Del Rio}	6500'	T.
T. Abo.....		T.
T. Penn.....		T.
T. Miss.....		T.

Hole in casing
and projected
cement
squeeze
(5194'-5225')

DV Tool @ 4995'

Horizontal Information:

Top of Horizontal Window 5856'
 Bottom of Horizontal Window 5867'
 Horizontal Drilling Interval 5867'-7401'
 Horizontal TD (MD) 7401'

TA:
 8/2016: Proposed TA setting CIBP within 100 feet above top of window (~5750') and dumping 35' of cement on top.
 3/28/2017: Hole in casing found at 5194'-5225'. Attempting to squeeze leak
 4/17/2017: Squeeze unsuccessful, given 6 mos to P&A

CIBP @ 5756', dump
cement on top to 5731'

Whipstock
CIBP @ 5,856'

Perforation detail:

1996: 5944-78,6000-16,28-44,54-68' (2SPF)
 180 holes

PBTD: 6256'
 TD: 6300'

Proposed Wellbore Diagram

Created: 8/16/2017
 Updated: By: HL
 Lease: Vacuum Gioneta West Unit
 Surface Location: 2000' FSL & 1070' FEL
 Bottomhole Location:
 County:
 Current Status: Active Producer
 Directions to Wellsite:

Well No.: 89H
 Unit Ltr:
 Unit Ltr:
 St: NM
 St Lease:
 Elevation:

Field: Vacuum
 Sec: 36 TSHP/Range: 17S 34E
 Sec: TSHP/Range:
 API: 30-025-33429 Cost Center:
 CHVNO: B19455 TEP:
 MVP:

T Anky 1470'
 T Salt 1615'
 B Salt 2690'
 T Yates 2720'
 T 7 Rivers
 T Queen 3700'
 T Grayburg 4500'
 T San Andres 5864'
 T Gioneta 5864'
 T Brinkley 6500'
 T 2000'
 T Abo
 T Permian
 T Miss.

Surface Csg.

Size: 8-5/8"
 Wt.: 24#
 Set @: 1540'
 Sxs cmt: 550
 Circ: Yes (113 sx)
 TOC: Surface
 Hole Size: 11"

Production Csg.

Size: 5-1/2"
 Wt.: 15.5#, 17#
 Set @: 6300'
 Sxs Cmt: 1325
 Circ: Yes (139 sx)
 TOC: Surface
 Hole Size: 7.58"

Verify Cement to Surface

KB:
 DF:
 GL:

Original Spud Date: 6/5/1996
 Original Compl. Date: 6/24/1996
 8 Spot 60 sx CL "C" cmt / 500' V surface (Surf. FW)

7 Spot 25 sx CL "C" cmt / 1,600' V 1,400' (Shog. T. Salt)

6 Spot 25 sx CL "C" cmt / 2,840' V 2,640' WOC & tag (Yates, B. Salt)

5 Spot 25 sx CL "C" cmt / 3,750' V 3,550' (Queen)

4 Spot 25 sx CL "C" cmt / 4,550' V 4,350' WOC & tag (San Andres)

3 Spot 25 sx CL "C" cmt / 5,050' V 4,850' WOC & tag (DV tool)

2 Attempt / sqz 25 sx CL "C" cmt into csg holes, WOC & tag

1 Tag CIBP cmt cap @ 5,731' circ M/LF, spot 25 sx CL "C" cmt, WOC & tag

Hole in casing and projected cement squeeze (5194'-5225')

DV Tool @ 4995'

Horizontal Information:

Top of Horizontal Window: 5856'
 Bottom of Horizontal Window: 5867'
 Horizontal Drilling Interval: 5867'-7401'
 Horizontal TD (MD): 7401'

CIBP @ 5756', dump cement on top to 5731'

Whipstock

Perforation detail:

1996: 5944-78,6000-18,28-44,54-68' (2SPF) 160 holes

PBTD: 6256'
 TD: 6300'