

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.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTOR	7. Lease Name or Unit Agreement Name WEST VACUUM UNIT
2. Name of Operator CHEVRON U.S.A. INC.	8. Well Number: 20
3. Address of Operator 6301 DEAUVILLE BLVD, MIDLAND, TX 79706 RM.N3002	9. OGRID Number 4323
4. Well Location Unit Letter <u>G</u> : <u>2310</u> feet from the <u>NORTH</u> line and <u>1650</u> feet from the <u>EAST</u> line Section <u>34</u> Township <u>17S</u> Range <u>34E</u> NMPM County <u>Lea</u>	10. Pool name or Wildcat VACUUM GRAYBURG SA
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4026' GL	

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 ☐
COMMENCE DRILLING OPNS. ☐ INT TO PA Amx
CASING/CEMENT JOB ☐ P&A NR
P&A R

13. Describe proposed or completed operations. (Clearly state all of starting any proposed work). SEE RULE 19.15.7.14 NMAC proposed completion or recompletion.

NOTIFY OCD 24 HOURS PRIOR TO BEGINNING PLUGGING OPERATIONS

1. Call and notify NMOCD 24 hrs. before operations begin.
2. MIRU. NDWH. NU BOPE.
3. Set BP@4,244' and spot 25sx of cmt. on top. Circulate well w/9.5 ppg mud. Pressure test casing.
4. Perf and squeeze 55sx of Class "C" cement from ~~2,700'-2,500'~~ 2,750'-2,550', WOC&Tag. (B.Salt)
5. Perf and squeeze 80sx of Class "C" cement from ~~1,600'-1,300'~~ 1,650'-1,350', WOC&Tag. (T.Salt/Shoe)
6. Perf and squeeze 105sx of Class "C" cement from 400' to surface. (FW/surface)
7. Verify cement to surface on all casings. Cut off wellhead and anchors 3' below grade. Weld on dryhole marker and clean location.
Closed loop above ground tank system will be used for fluids.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE M. Lee Roark TITLE Project Manager DATE 04/06/17

Type or print name M. Lee Roark E-mail address: LRoark@Chevron.com PHONE: (432)-687-7279

For State Use Only

APPROVED BY: Mark Whitaker TITLE Petroleum Engr. Specialist DATE 04-10-2017

Conditions of Approval (if any):

WVU #20W Wellbore Diagram

Created: 08/29/08 By: JSS
 Updated: 08/29/08 By: JSS
 Lease: West Vacuum ~~Grayburg~~ San Andres Unit
 Field: same
 Surf. Loc.: 2310' FNL, 1650' FEL
 Bot. Loc.:
 County: Lea St.: NM
 Status: **WIW 5/16/72**

Well #: 20W St. Lse: B-3936
 API 30-025-02199
 Unit Ltr.: G Section: 34
 TSHP/Rng: S-17 E-34
 Unit Ltr.: Section:
 TSHP/Rng:
 Directions: Buckeye, NM
 Chevno: FA3360

Surface Casing

Size: 8 5/8"
 Wt., Grd.: 28#
 Depth: 1578'
 Sxs Cmt: 650
 Circulate: yes
 TOC: surface
 Hole Size: 11

Production Casing

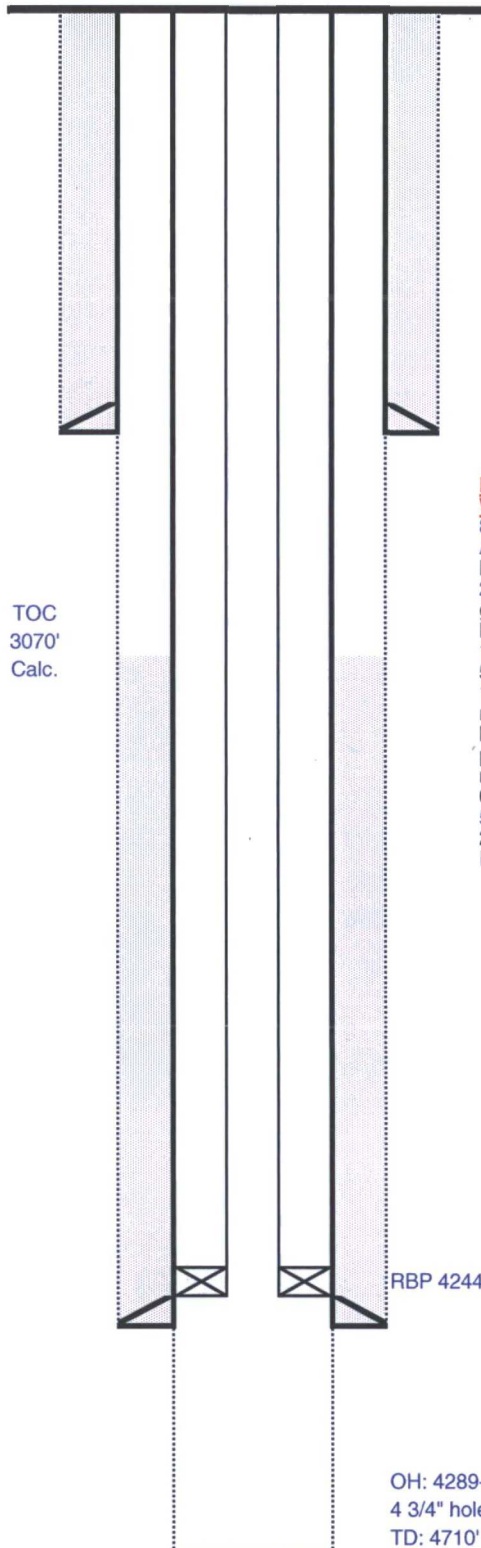
Size: 5 1/2"
 Wt., Grd.: 17# SMLS
 Depth: 4289'
 Sxs Cmt: 275
 Circulate: yes
 TOC: 3070' Calc.
 Hole Size: 7 7/8

Tubing and Packer Detail:

2 7/8" tbg. To 4244'.
 Pkr. @ 4244-4254' retrievable.

Original OH:

4289-4710'.



KB: 4039'
 DF: 4038'
 GL: 4026'
 Ini. Spud: 07/12/39
 Ini. Comp.: 09/29/39

Perf. and Stimulation History: WVU #20W

8/18/39 Initial completion: OH 4289-4710'
 Acidize w/10000 gals acid. Test: 264 BO, 0 BW. 24 hrs swab.
 2/25/55 Acidize OH 4289-4710' w/10000 gals acid. Test: before 7 BO, 0 BW. After 11 BO, 0 BW, 148 GOR. 24 hrs pumping.
 11/15/66 Acidize OH w/500 gals 5% acid & 55 gals chiplex.
 1/23/67 **Frac.** OH 4289-4710' w/30,000 gals refined oil, 30,000# sand w/1000# moth balls between stages. Max. press.=5500#, Min. press.=4400#. ISIP=4500#. 10 minutes=3100#, Air=13.4 bpm. test: 12 BO, 0 BW, 1808 GOR.
 5/16/72 **Convert to water injection Well.** Ran 2 7/8" plastic coated tbg. w/pkr set @ 4244'. Injected 800 BWPD @ Vac.

RBP 4244-4254'.

OH: 4289-4710'.
 4 3/4" hole size.
 TD: 4710'

WIW WEST VACUUM UNIT #20 WELLBORE DIAGRAM

PROPOSED

Created: 04/06/17 By: LRQS
 Updated: 04/06/17 By: LRQS
 Lease: WEST VACUUM UNIT
 Field: VACUUM GRAYBURG SA
 Surf. Loc.: 2310' FNL & 1650' FEL
 Bot. Loc.:
 County: Lea St.: NM
 Status:

Well #: 20 St. Lse:
 API: 30-025-02199
 Unit Ltr.: Section: 34
 TSHP/Rng: 17 S 34 E
 Unit Ltr.: Section:
 TSHP/Rng:
 Directions:
 Chevno:

Surface Casing

Size: 8-5/8"
 Wt., Grd.: 28#
 Depth: 1578'
 Sxs Cmt: 650
 Circulate: Yes
 TOC: Surface
 Hole Size: 11"

Production Casing

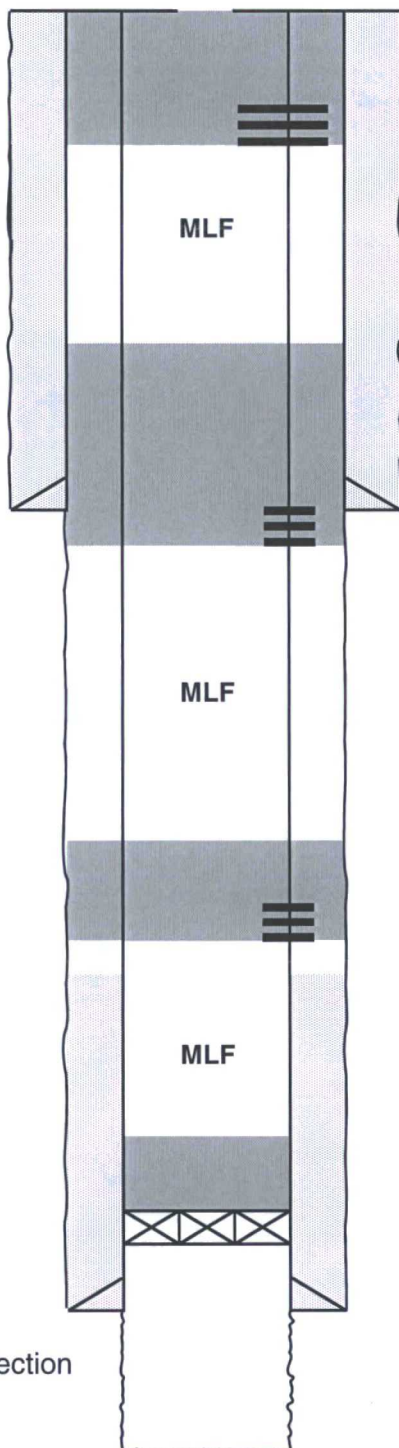
Size: 5-1/2"
 Wt., Grd.: 17#
 Depth: 4289'
 Sxs Cmt: 275
 Circulate: yes
 TOC: 3070' calc.
 Hole Size: 7-7/8"

Prod/Inj Interval

Completion: OH
 Hole Size: 4-3/4"

KB: 4039'
 DF: 4038'
 GL: 4026'

Ini. Spud: 07/12/39
 Ini. Comp.: 09/29/39



Perf and squeeze 105sx of Class
 "C" cement from 400'-surf.
 WOC&TAG. (FW/surface)

Perf and squeeze 80sx of Class
 "C" cement from 1600'-1300'.
 WOC&TAG. (T.Salt/Shoe)

Perf and squeeze 55sx of Class
 "C" cement from 2700'-2500'.
 WOC&TAG. (B.Salt)

BP@4244' + 25SX

Current OH Section
 4289'-4710'

PBTd: 4710'