

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

HOEBS OCD  
 APR 10 2017  
 RECEIVED

WELL API NO. 30-025-02199
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 WEST VACUUM UNIT
8. Well Number: 20
9. OGRID Number 4323
10. Pool name or Wildcat VACUUM GRAYBURG SA
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4026' GL

**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  Gas Well  Other INJECTOR

2. Name of Operator  
CHEVRON U.S.A. INC.

3. Address of Operator  
6301 DEAUVILLE BLVD, MIDLAND, TX 79706 RM.N3002

4. Well Location  
 Unit Letter G : 2310 feet from the NORTH line and 1650 feet from the EAST line  
 Section 34 Township 17S Range 34E NMPM County Lea

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 phases 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'~~, WOC&Tag. (B.Salt) → 2750'-2550'
5. Perf and squeeze 80sx of Class "C" cement from ~~1,600'-1,300'~~, WOC&Tag. (T.Salt/Shoe) → 1650'-1350'
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:	<u>West</u> Vacuum <del>Grayburg</del> 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**

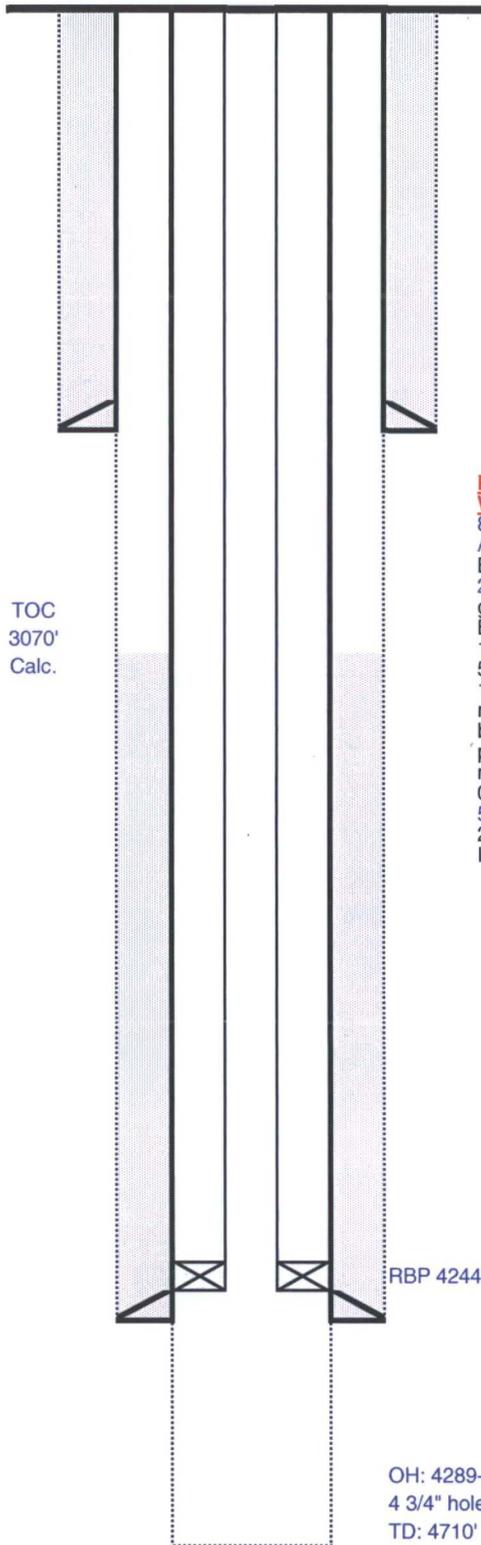
Size:	5 1/2"
Wt., Grd.:	17# SMLS
Depth:	4289'
Sxs Cmt:	275
Circulate:	yes
TOC:	3070' Calc.
Hole Size:	7 7/8

**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 chixplex.  
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.

TOC  
3070'  
Calc.

RBP 4244-4254'.

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

**WIW WEST VACUUM UNIT #20 WELLBORE DIAGRAM**

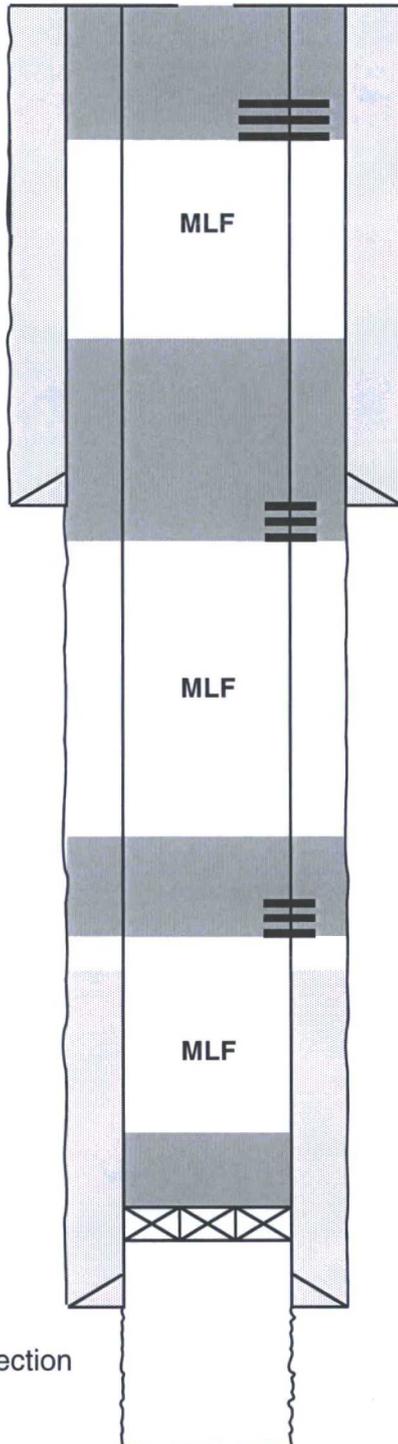
**PROPOSED**

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"



**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**

*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

Current OH Section  
4289'-4710'

PBTD: \_\_\_\_\_  
 TD: 4710'