

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

Form C-103  
 Revised July 18, 2013

AUG 21 2017

RECEIVED

WELL API NO. 30-025-24312
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 VACUUM GRAYBURG SAN ANDRES UNIT
8. Well Number 34
9. OGRID Number 4323
10. Pool name or Wildcat VACUUM GRAYBURG SAN ANDRES
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,011' (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

4. Well Location  
 Unit Letter J : 2630 feet from the SOUTH line and 2630 feet from the EAST line  
 Section 1 Township 18-S Range 34-E NMPM County LEA

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input 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 checked="" type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>	REPLACE PACKER <input type="checkbox"/>	OTHER: <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.

The VGSAU 34 was shut-in after identifying a casing leak from 840-870' during an injection profile survey. Below is the proposed repair procedure, current WBD, and proposed WBD.

MIRU, kill well with red bed mud. NU BOP.  
 Release Loc-Set Packer and POOH laying down 2-3/8" duoline tbg and packer.  
 RIH w/ bit and C/O to PBTD @ 4799'.  
 TIH w/ 5-1/2" CIBP and test RBP set at ~4220'. Dump bail 20' of cement on CIBP.  
 MIRU wireline, perform logging run with iso-scanner/GR/CNL tool from 4150' to surface.  
 Set RBP @ 2000' and perform wellhead work for liner. Remove RBP  
 RIH w/ 4" 11# L-80 FJ liner to 4170'. RU cementers and cement in with class C cement.  
 P/U 3-1/4" bit and drill out cement, continue cleaning out to PBTD @ 4799'.  
 RIH w/ packer and set @ ~4160'. RIH w/ TK-99 injection tubing. Pump packer fluid and test backside. RTI pending successful MIT.

**Condition of Approval: notify  
 OCD Hobbs office 24 hours  
 prior of running MIT Test & Chart**

Spud Date:  Rig Release Date:

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

SIGNATURE [Signature] TITLE Production Engineer DATE 8/14/17

Type or print name Michael Stewart E-mail address: michael.stewart@chevron.com PHONE: 432-687-7431

APPROVED BY: [Signature] TITLE AO/II DATE 8/21/2017  
 Conditions of Approval (if any):

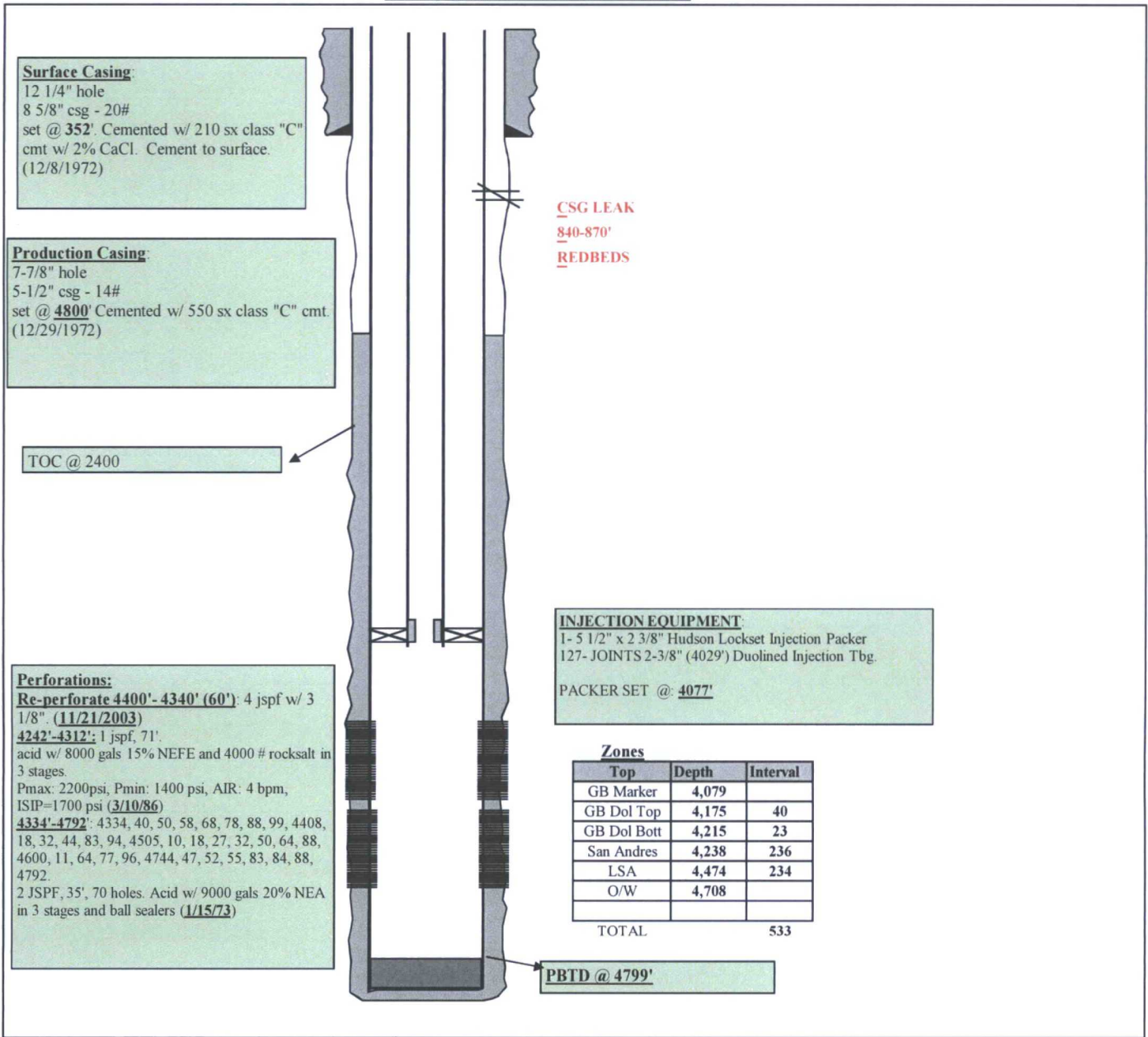
MB

# VGSAU 34

API # 30-025-24312

CURRENT WBD

2630' FSL & 2630' FEL  
 SEC 1, TWN 18-S, Range 34-E, County Lea  
 ELEVATION: 4001' GL, 4011' KB  
 Completed: 1/15/73 Spud: 12/5/1972

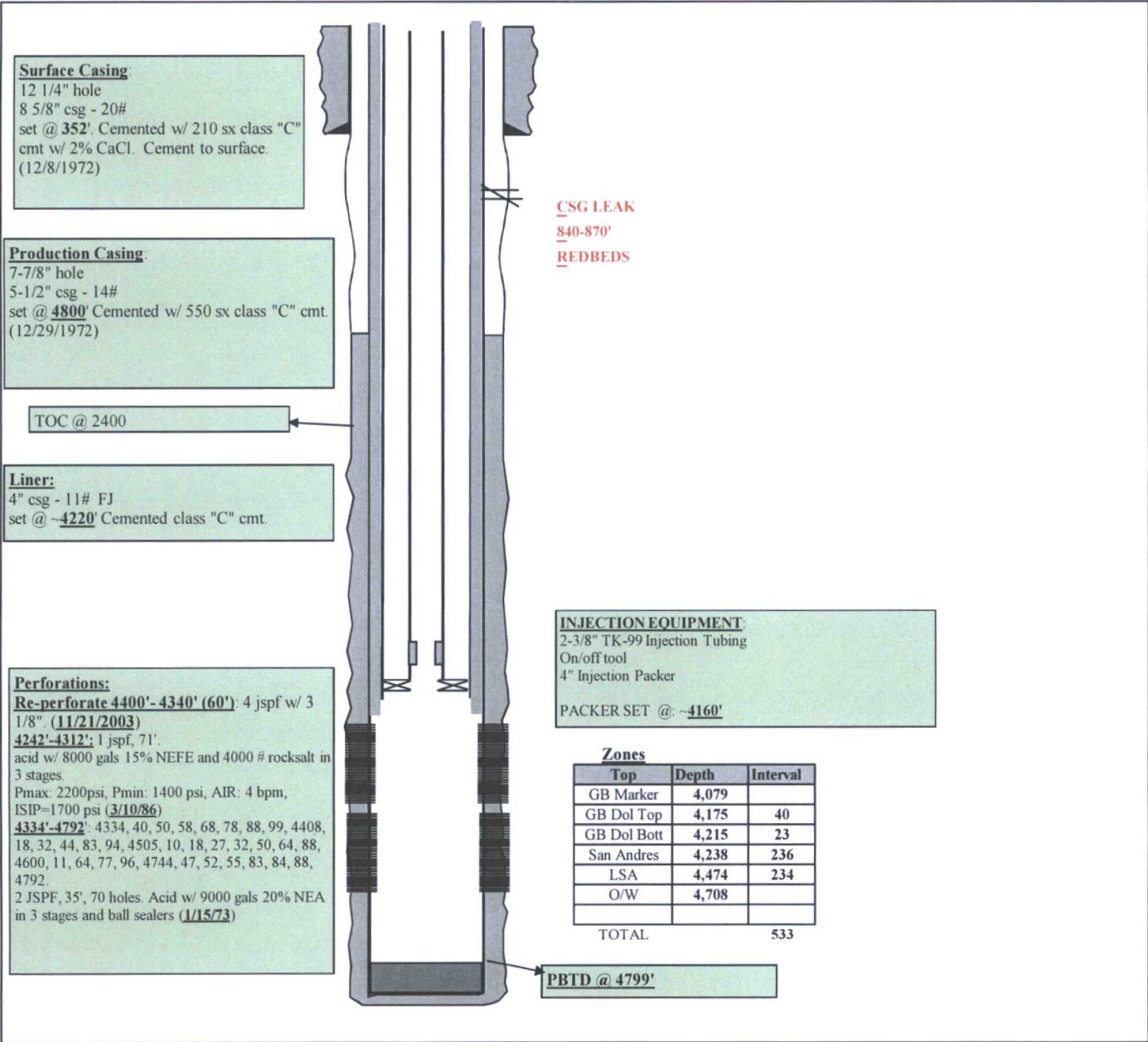




# VGSAU 34

API # 30-025-24312  
 PROPOSED WBD

2630' FSL & 2630' FEL  
 SEC 1, TWN 18-S, Range 34-E, County Lea  
 ELEVATION: 4001' GL, 4011' KB  
 Completed: 1/15/73 Spud: 12/5/1972



**Surface Casing:**  
 12 1/4" hole  
 8 5/8" csg - 20#  
 set @ **352'** Cemented w/ 210 sx class "C"  
 cmt w/ 2% CaCl. Cement to surface.  
 (12/8/1972)

**Production Casing:**  
 7-7/8" hole  
 5-1/2" csg - 14#  
 set @ **480'** Cemented w/ 550 sx class "C" cmt.  
 (12/29/1972)

TOC @ 2400

**Liner:**  
 4" csg - 11# FJ  
 set @ **4220'** Cemented class "C" cmt.

**Perforations:**  
**Re-perforate 4400' - 4340' (60')**: 4 jspf w/ 3  
 1/8" (11/21/2003)  
**4242' - 4312'**: 1 jspf, 71'  
 acid w/ 8000 gals 15% NEFE and 4000 # rocksalt in  
 3 stages.  
 Pmax: 2200psi, Pmin: 1400 psi, AIR: 4 bpm,  
 ISIP=1700 psi (3/10/86)  
**4334' - 4792'**: 4334, 40, 50, 58, 68, 78, 88, 99, 4408,  
 18, 32, 44, 83, 94, 4505, 10, 18, 27, 32, 50, 64, 88,  
 4600, 11, 64, 77, 96, 4744, 47, 52, 55, 83, 84, 88,  
 4792.  
 2 JSPF, 35', 70 holes. Acid w/ 9000 gals 20% NEA  
 in 3 stages and ball sealers (1/15/73)

CSG LEAK  
 840-870'  
 REDBEDS

**INJECTION EQUIPMENT:**  
 2-3/8" TK-99 Injection Tubing  
 On/off tool  
 4" Injection Packer  
 PACKER SET @: **4160'**

**Zones**

Top	Depth	Interval
GB Marker	4,079	
GB Dol Top	4,175	40
GB Dol Bott	4,215	23
San Andres	4,238	236
LSA	4,474	234
O/W	4,708	
TOTAL		533

PBTB @ 4799'