

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 July 18, 2013

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

WELL API NO.	30-025-36226 ✓
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	HOWSE ✓
8. Well Number	1 ✓
9. OGRID Number	147179
10. Pool name or Wildcat SWD; San Andres	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3537' GR

**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 Salt Water Disposal  **HOBBS OCD**

2. Name of Operator  
CHEVRON U.S.A., INC. ✓ **NOV 19 2015**

3. Address of Operator  
15 SMITH ROAD, MIDLAND, TEXAS 79705 **RECEIVED**

4. Well Location  
 Unit Letter: L 1980 feet from the SOUTH line and 330 feet from the WEST line  
 Section 17 Township 20S Range 39E NMPM County: Lea ✓

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

F E-PERMITTING <SWD INJECTION> ] T CONVERSION RBDMS ] F RETURN TO TA ] C CSNG ENVIRO CHG LOC ] C INT TO PA P&A NR <b>PA</b> P&A R ] O..... ]	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>
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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.

Please find attached a summary report for work conducted 10/22-29/2015 to plug and abandon the subject well.

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 Bob Hall TITLE WORKOVER ENGINEER DATE 11/18/2015

Type or print name BOB HALL E-mail address: ROBERT.HALL@CHEVRON.COM PHONE: 432-687-7243

**For State Use Only**  
 APPROVED BY: Mary Brown TITLE Dist. Supervisor DATE 11/24/2015  
 Conditions of Approval (if any):

DEC 02 2015

*fm*

Howse #1  
30-025-36226

Subsequent C-103 Report of P&A

10/22-24/2015 MIRU plugging equipment. Bleed well down. Kill well. Remove downhole equipment.

10/24/2015 RU Wireline Unit. Set CIBP @ 4,263'. RD Wireline Unit. Pressure test casing to 500 psi for 30 minutes – good test.

10/26/2015 TIH with tubing workstring. Tag CIBP @ 4,263'. Pull up to 4,259'. Circulate well with 110 BBL 9.4 PPG Salt Gel. Spot balanced plug of 25 sks Class C cement (14.8 PPG, 1.32 ft<sup>3</sup>/sk yield) @ 4,259'. Pull tubing and SWI to WOC. TIH with tubing to tag TOC @ 3,978'. POOH with tubing. SWI.

10/27/2015 RU Wireline Unit. Perforate @ 2,800'. RD Wireline Unit. RIH to set packer @ 2,413'. Pressured up to 2,000 psi and could not establish injection rate into perforations. Contacted Mark Whitaker and received permission to spot cement plug. Release packer. POOH and laydown packer. RIH with tubing to 2,853'. Spot balanced plug of 25 sks Class C cement (14.8 PPG, 1.32 ft<sup>3</sup>/sk yield) @ 2,853'. POOH with tubing. SWI.

10/28/2015 RU Wireline Unit. RIH to tag TOC @ 2,538'. Perforate @ 1,710'. RIH to set packer @ 1,282'. Establish injection rate into perforations of 2.5 BPM @ 1,500 psi. Pump 65 sks Class C cement (14.8 PPG, 1.32 ft<sup>3</sup>/sk). Displace with 12 BBL. SWI to WOC. Release packer & TIH to tag TOC @ 1,456'. POOH with tubing and packer. Perforate @ 400'. RD Wireline Unit. Established injection rate into perforations of 3 BPM @ 600 psi with no returns after pumping 140 BBL fresh water. Contacted Mark Whitaker and received permission to pump 40 sacks cement and displace to 300', then to perforate casing @ 60'. Pump 40 sks Class C cement (14.8 PPG, 1.32 ft<sup>3</sup>/sk). Displace with 6 BBL. SWI with 300 psi on casing.

10/29/2015 RU Wireline Unit. RIH to tag TOC @ 234'. Perforate @ 60'. Unable to establish injection or circulation through perforations. Contacted Mark Whitaker and received permission to bullhead squeeze 25 sacks of cement from surface. RD Pulling Unit. ND BOP. NU wellhead flange. Bullhead squeeze from surface 10 sks Class C cement (14.8 PPG, 1.32 ft<sup>3</sup>/sk) @ 1.5 BPM when well locked up at 1,000 psi. Bled down to 500 psi. SWI. RDMO plugging equipment.

Well: **Howse #1 SWD**

Field: **House**

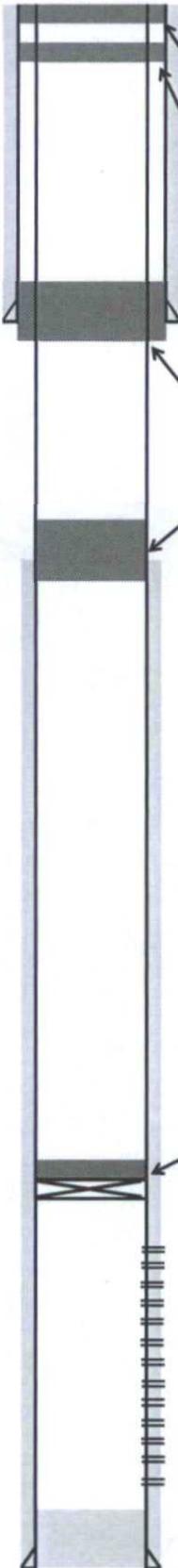
Reservoir: **San Andres**

**Location:**  
 1980' FSL & 330' FWL  
 Section: 17  
 Township: 20S, Range: 39E  
 Unit Letter: L  
 County: Lea State: NM

**Elevations:**  
 GL: 3537'  
 KB: 3551'  
 DF: 3550'

**P&A Completed**  
**Wellbore Diagram**

**Well ID Info:**  
 Chevno: HK7511  
 API No: 30-025-36226  
 Cost Ctr: BCEC60400  
 Spud Date: 5/22/2003  
 Compl. Date: 7/3/2003



**Perf @ 60'**  
**Bullhead 10 sx Class C cmt.**  
**TOC @ surface**

**Perf @ 400'**  
**Sqz w/ 40 sx Class C cmt.**  
**Tagged TOC @ 234'**

**Surface Csg: 8 5/8", 24#, J-55**  
**Set: @ 1660' w/ 650 sx Cl "C" w/**  
**2% CaCl2 & 4% gel f/b 200 sx**  
**Cl "C" w/ 2% CaCl2**  
**Hole Size: 12 1/4"**  
**Circ: Yes TOC: Surface**  
**TOC By: Circulation**

**Perf @ 1,710'**  
**Sqz w/ 65 sx Class C cmt.**  
**Tagged TOC @ 1,456'**

**Perf @ 2,800'**  
**Spot 25 sx Class C cmt.**  
**2,538' - 2,853'**

**TOC @ 2800' (OCD Report)**

**CIBP @ 4,263'**  
**Capped with 25 sx Class C cmt.**  
**Tagged TOC @ 3,978'**

**San Andres Perfs:**

- 4332 - 4346' 1 spf
- 4356 - 4362' 1 spf
- 4412 - 4428' 1 spf
- 4454 - 4464' 1 spf
- 4558 - 4568' 2 spf
- 4600 - 4608' 2 spf
- 4640 - 4658' 2 spf
- 4716 - 4724' 4 spf
- 4826 - 4842' 4 spf

**Prod. Csg: 5 1/2", 17#, J-55**  
**Set: @ 4900' w/ 600 sx 65:35 Poz "C"**  
**w/ 6% gel, 5% salt & 1/4 pps Celloflake**  
**f/b 125 sx Cl "C"**  
**Hole Size: 7 7/8"**  
**Circ: No TOC: 2800'**  
**TOC By: Stated in OCD Report**

**COTD: 4846'**  
**PBTD: 4846'**  
**TD: 4900'**

**Updated: 11/18/2015**

**By: Bob Hall**