

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. 30-025-24312
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input checked="" 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;GRAYBIRG SAN ANDRES

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

2. Name of Operator
CHEVRON USA 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 18S Range 34E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4011' GL

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

Approved for Plugging of wellbore only. Liability
under bond is retained pending restoration and
completion of the C-103, Specific for Subsequent
Report of Well Plugging, which may be found on
the OCD web page under forms.
Restoration Due By 08-31-2018

INT TO PA
P&A NR PM
P&A R

SUBSEQUENT REPORT OF:

WORK ☐ ALTERING CASING ☐
RILLING OPNS. ☐ P AND A ☒
NT JOB ☐

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.

CHEVRON USA INC. HAS PLUGGED THE ABOVE WELL AS FOLLOWS;

08/21/2017 MIRU, CHECK PRESSURE 750 PSI TUBING. BLEED WELL DOWN, PUMP DOWN TUBING, AND GET
PRESSURE, LOAD CASING.

08/22/2017 CHECK PRESSURE 40 PSI ON TUBING/350 PSI ON CASING, CALIPER ALL LIFTING EQUIPMENT,
CASING LOADED UP WITH 10 BBL SHUT DOWN AND IT WAS ON A VACUUM. WHILE NIPPLING DOWN AND
UP CASING PRESSURED UP TO 300 PSI. PACKER @ 4077'; TOP PERF @ 4242'; BOTTOM PERF @ 4792' PBTD @
4799'. TAGGED WITH A 1 1/4 SINKER @ 4236, 4253, 4273.

CONTINUED ON NEXT PAGE /WELLBORE DIAGRAM ATTACHED

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 Cindy Herrera-Murillo TITLE PERMITTING SPECIALIST DATE 09/14/2017

Type or print name CINDY HERRERA-MURILLO E-mail address: Cherreramurillo@chevron.com PHONE: 575-263-0431

For State Use Only

APPROVED BY: [Signature] TITLE P.E.S. DATE 09/14/2017

Conditions of Approval (if any):

Plugging Procedure Continued

08/23/2017 Check pressure, 150 PSI on tubing /450 PSI on casing. Open well, start flowing back well. Install stripper head, release packer, pull 25 joints.

08/24/2017 Check pressure, 50 PSI on tubing/ 300 PSI on casing. Bleed well down, pump mud, Run in the hole with tubing and packer tag @ 4163'. Top Perf @ 4242'; Bottom Perf @ 4792'; PBD @ 4799'.

08/25/2017 Caliper lifting equipment. Open well bleed down, casing will come down to 150 PSI and keep moving formation in red bed. First tagged @ 4069', pumped some fluid and it pressured up. Went back down with wire line and tagged @ 4085'.

08/28/2017 Check pressure, 0 PSI on tubing/ 0 PSI on casing. Caliper lifting equipment, RIH and Tag up @ 4085'. Flow BS down to 350 PSI, Pump cement plug @ 3790', shut in and secure well to let cement set.

08/29/2017 Check pressure, 0 PSI on tubing/ 0 PSI on casing. Caliper lifting equipment, RIH and Tag cement plug.

08/30/2017 Caliper lifting equipment, RIH w/1 3/8" weight bar and tag @ 1,094' , POOH and PU 1" weight bar and tag @1,094'. RU PP Cement ad pump 50 bbls dyed fluid 2.7 bpm @ 1,300 PSI, No returns. RU Apollo RIH, w/temp survey tool. RU PP Cement and pump 100 sks 14.8 ppg, Class C Neat Cement, Surry 23.5 bbls., 1,000' cement plug , displaced 3.2 bbls leaving TOC @ 1,000 ft.

08/31/2017 RIH and tag at 806' in tubing. POOH PU Jet cutter RIH and cut tubing at 690' got 50 PSI on tubing, POOH w/Apollo. Hook up tubing and circulate clean brine all the way around. RIH w/Apollo to tag cement @ 720' outside of tubing. RIH and perforate @ 450', shot 6 shots. POOH hook up and establish injection up surface casing and achieved full returns. Pump 30 bbls clean brine. RU PP Cement and pump 114 sks 14.8 ppg Class C Neat cement and got full cement returns to surface. 4 bbls cement returned to surface. Shut in well.

09/01/2017 Check depth of cement and it is 7 ft below wellhead. RD Pulling unit and move off location.

VGSAU 34
API # 30-025-24312

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

P&A Injection Well

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 @ 4800' Cemented w/ 550 sx class "C" cmt.
(12/29/1972)

TOC @ 2400

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)

114 sx. C 14.8 ppg
Perf @ 450'

Cut tbg @ 700'
100 sx. C 14.8 ppg
TOC @ 806' in tbg
TOC @ 720' in csg

EOT @ ~2040'

35 sx. C 14.8 ppg
2700-2,360'

30 sx. Class C 14.5 ppg, TOC @ 3900'
Cut tbg @ 4089.5'
PKR @ 4163'

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

PBTD @ 4799'

Brief Workover History:

7/2/74: Frac & Acid: Frac 4334'-4611' w/ 1500# sand and 500 gals 15% NEA acid. Acidized f/ 4334'-4792' w/ 4,000 gals 15% NEA.
5/26/83: Convert to Injection & acid perfs 4334'-4792' w/ 750 gals 15% NEFE.
3/10/86: Add perfs: Perforate 4242'-4312' (71'). Acidize perfs w/ 8,000 gals 15% NEFE. P=1400-2200 psi, AIR=4 bpm, ISIP=1700 psi.
5/24/91: Permission to increase pressure to 1140 psi
10/6/93: Step Rate.
11/10/93: Permission to bump pressure to 1395 psi.
4/30/96 to 5/3/96: Tagged @ 4180'. C/O to 4799'. Set Pkr at 4132'. Acid perfs f/ 4242' to 4792' w/ 7100 gals 15% NEFE HCl + 3500# rock salt. Pmax= 4000 psi, Average rate= 4 bpm, ISIP=1000 psi. Run 133 Joints 2 3/8" IPC injection tubing. Set packer @ 4077'. Chart.
5/1/03: Attempt to do Injection Profile: Run Sinker bars (1 3/8" on april 29th and 1" tools on may 1st) and tagged @ 4127'. Had to jar and work wireline to free tools. TOH.
11/12 - 11/21/03: Acid Job / Reperforate: Tag @ 4435' (364' fill). C/O to 4799 (PBTD). Perforate interval f/ 4400' to 4340' (60') 4 jspf w/ 3 1/8" expandable guns. Acid from 4242' to 4792' w/ 8,000 gals 15% HCl and 4500 # rock salt in 3 stages. First block increased f/ 2200 to 2700 psi. Second block saw no increase. Pmax= 2801 psi, Pave=2408 psi, AIR=8.5 bpm, ISIP=1405 psi. Tag no salt. Set packer at 4077'.

COMMENTS AND RECOMMENDATIONS: