

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 A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Chevron U.S.A. Inc.	6. State Oil & Gas Lease No.
3. Address of Operator 6301 DEAVILLE BLVD., MIDLAND, TX 79706	7. Lease Name or Unit Agreement Name Vacuum Grayburg San Andres Unit
4. Well Location Unit Letter <u>L</u> : <u>1980</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>West</u> line Section <u>2</u> Township <u>18S</u> Range <u>34E</u> NMPM County <u>Lea</u>	8. Well Number: <u>21</u>
9. OGRID Number <u>4323</u>	
10. Pool name or Wildcat Vacuum Grayburg San Andres	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>4,016' GL, 4,027' DF</u>	

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 ☐	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: TEMPORARILY ABANDON ☐

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. 8-5/8" @ 844' TOC Surface, 5-1/2" @ 4,217' TOC @ 2,004' estimated, Open Hole 4,232'-4,695', CIBP at 4,130' w/ 35' of cement.

Chevron USA INC respectfully request to abandon this well as follows:

1. Call and notify NMOCD 24 hrs before operations begin.
2. MIRU wireline unit and pump truck, pressure test casing to maximum anticipated squeeze pressure and perform CBL, share results with NMOCD to determine which plugs listed below will be spots or P&S and the associated cement volumes. Check well pressures, perform bubble test on surface casing annulus, if bubble test fails Chevron intends to Zonite the well after it is plugged to a certain point agreed upon by the NMOCD and Chevron.
3. MIRU CTU, TIH and tag CIBP cement cap at 4,095'.
4. Spot 25 sx CL "C" cmt f/ 4,095' t/ 3,842', do not WOC & tag if casing passed a pressure test (perfs, Queen)
5. Spot or P&S f/ 3,391' t/ 3,241' based on CBL results (7 Rivers).
6. Spot or P&S f/ 3,005' t/ 2,855' based on CBL results (Yates).
7. Spot or P&S f/ 1,875' t/ 1,725' based on CBL results (Salt).
8. Spot or P&S f/ 940' t/ surface based on CBL results (Shoe, FW, Surface, previous casing leak).
9. Cut all casings & anchors & remove 3' below grade. Verify cement to surface & weld on dry hole marker as per NMOCD requirements. Clean location.

Note: All cement plugs class "C" (<7,500') or "H" (>7,500') with closed loop system used.

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

SIGNATURE Howie Lucas TITLE P&A Engineer, Attorney in fact DATE 2/11/18

Type or print name Howie Lucas E-mail address: howie.lucas@chevron.com PHONE: (832)-588-4044

For State Use Only

APPROVED BY: Henry Fortner TITLE Compliance Officer A DATE 2-14-19
Conditions of Approval (if any):

**See Attached
Conditions of Approval**

4" dia 4' above ground

VGSAU #21 Wellbore Diagram

Created: 04/24/06 By: C. A. Irle
 Updated: 03/16/18 By: NC
 Lease: Vacuum Grayburg San Andres Unit
 Field: same
 Surf. Loc.: 1980' FSL, 660' FEL
 Bot. Loc.:
 County: Lea St.: NM
 Status: TA'd Oil Well

Well #: 21 St. Lse: B-1189
 API: 30-025-02276
 Unit Ltr.: L Section: 2
 TSHP/Rng: S-18 E-34
 Unit Ltr.: Section:
 TSHP/Rng:
 Directions: Buckeye, NM
 Chevno: FA3437

Surface Casing

Size: 8-5/8"
 Wt., Grd.: 32#
 Depth: 844'
 Sxs Cmt: 400sx
 Circulate: Yes
 TOC: Surface
 Hole Size: 10"

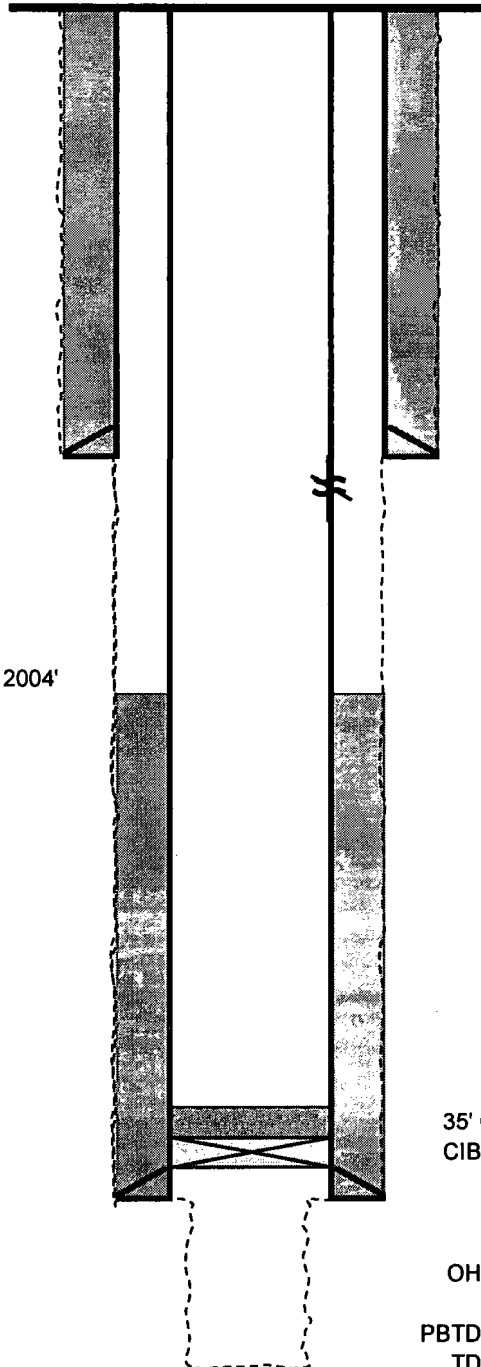
Topped off w/ 1" pipe

Production Casing

Size: 5-1/2"
 Wt., Grd.: 17#
 Depth: 4217'
 Sxs Cmt: 200sx
 Circulate: No
 TOC: 2004' calc
 Hole Size: 6-3/4"

Calc TOC @ 2004'

FORMATION TOPS	
Salt	1825'
Tansil	2860'
Yates	2955'
Seven Rivers	3341'
Queen	3960'
Grayburg	4319'
San Andres	4686'
TD	4700'



KB: NA
 DF: 4027'
 GL: 4016'
 Ini. Spud: 10/01/44
 Ini. Comp.: 12/17/44

Sqz'd csg lk f/874-937' w/339sx
 class 'C' cmt @ 4bpm @ 250psi.
 Circ to surface.

Perf. and Stimulation History: VGSAU #21

12/17/44 Initial completion OH
 4232-4695' W/ 90 gts. nitro. Test:
 61 BO, 0 BW, 512 GOR, 18 hrs.
 swab.
 8/12/69 Frac: w/30000 gals gel
 brine. w/1 1/2# sand/gal. 1000# RS.
 9/5/89 Stim: Pkr 4125 492' TP, Spot
 600 gls Amm Bicarb, pkr 3900,
 Acidize w/2000 gals 15% NEFE.
 6/25/90 Csg Leak & Stim: RBP
 4055, leak 874-937, pump 339 sx
 cmt, circ cmt to surf, fish, no luck,
 pkr 4077, Acidize w/1000 gls 15%
 NEFE, SIS.
 4/19/95 Pump Stuck
 2/9/96 Pump Fail: Plunger wear.
 1/2000 - upgraded pump
 2/2018 - TA well

35' Cmt
 CIBP @ 4130'

OH: 4232-4695'

PBTD: 4655'
 TD: 4700'

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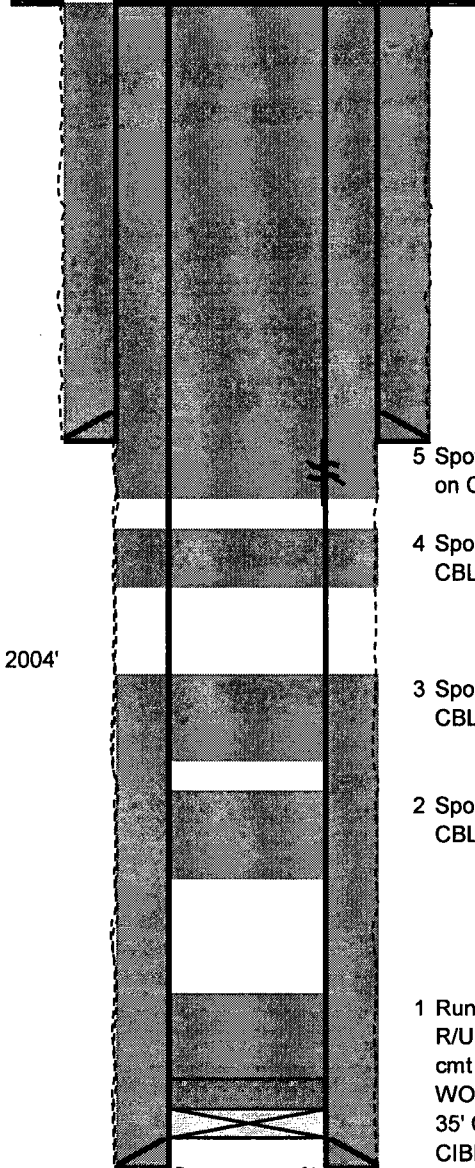
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Calc TOC @ 2004'

Verify Cement to Surface



KB: NA
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 Ini. Spud: 10/01/44
 Ini. Comp.: 12/17/44

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GENERAL CONDITIONS OF APPROVAL:

- 1) Insure all bradenheads have been exposed, identified, and valves are operational prior to rigging up on well.**
- 2) Contact the appropriate NMOCD District Office no later than 24 hours prior to moving in and rigging up.**
- 3) A copy of the approved C103 intent to P&A should be distributed to the onsite company and plugging representatives. Approved procedures are good for a period of one year from approved date, unless otherwise specified on the C103 intent. Approvals past this date will require the submission and approval of a new C103 intent.**
- 4) A company representative is required to be present to witness all operations including setting CIBP's, circulation of mud laden fluids, perforating, squeezing or spotting cement plugs, tags, or any other operations approved on the C103 intent to P&A. Company representative should contact the NMOCD and report all operations.**
- 5) Any changes that may be required during plugging operations should be approved by the NMOCD before proceeding.**
- 6) A closed loop system is to be used for all plugging operations. Contents of the steel pits to be hauled to a NMOCD permitted disposal facility.**
- 7) Mud laden fluids must be placed between all cement plugs mixed at 25 sacks of salt gel per 100 barrels of brine.**
- 8) All cement plugs will be 100' or 25 sacks cement, whichever is greater. Class 'C' cement will be used above 7500' and Class 'H' below 7500'.**