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

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

HOBBS OCD
AUG 02 2013
RECEIVED

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-02259	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
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.)	7. Lease Name or Unit Agreement Name Vacuum Grayburg San Andres Unit
1. Type of Well: Oil Well ☒ Gas Well ☐ Other	8. Well Number #12H
2. Name of Operator Chevron USA Inc	9. OGRID Number 4323
3. Address of Operator 15 Smith Rd Midland, TX 79705	10. Pool name or Wildcat Vacuum Grayburg San Andres
4. Well Location Unit Letter O : 660 feet from the South line and 1980 feet from the East line Section 1 Township 18S Range 34E NMPM County Lea	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: Return well to production ☒		OTHER: ☐	

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.

Return well to production

Please see attached intended procedure

During the procedure we plan to use the closed loop system with a steel tank and haul to required disposal facility, per OC D Rule 19.15.17

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 07/31/2013

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 Dist. Mgr DATE 8-6-2013
Conditions of Approval (if any):

AUG 06 2013

Chevron

Vacuum Grayburg San Andres Unit #12H

County: Lea **State:** New Mexico **API:** 30-025-02259

Current Wellbore:

8 5/8" 32# Surface casing set at 860'. Cement Circulated to surface

5 ½" 17.0# production casing set at 4,067'. TOC at 2,685' calculated.

4 ¾" Open hole 4,067' to 4,149'

4 ¾" Lateral: 4,149' – 6,168'

Description of work:

Clean out lateral with tubing, run 3 ½" isolation string & packer and acidize with coil tubing.

Tubular Specifications:

2 3/8" 4.7# J-55 Production Tubing: 1.995" ID, 1.901" Drift, 7,700 psi yield @ 100%, 6,160 psi @ 80%, 71,730 lbs. Tensile @ 100%, 57,384 lbs. Tensile @ 80%, 990 ft lbs make up torque. .00387 bbls/ft capacity

2 7/8" 8.7# L-80 PH-6 Workstring: 2.259" ID, 2.165" Drift, 17,140 psi burst @ 100%, 13,712 psi @ 80%, 198,700 lbs. Tensile @ 100%, 158,960 lbs. Tensile @ 80%, 3,000 ft lbs make up torque. .00495 bbls/ft capacity

3 ½" 9.3# L-80 Frac String: 2.992" ID, 2.867" Drift, 10,160 psi yield @ 100%, 8,128 psi @ 80%, 207,200 lbs. Tensile @ 100%, 165,760 lbs. Tensile @ 80%, 3,030 ft lbs maximum make up torque. .00870 bbls/ft capacity

Pre-Work:

1. Utilize the rig move check list.
2. Evaluate pressure ratings and condition of wellhead and all valves. Repair and/or replace as needed.
3. Check anchors and verify that pull test has been completed in the last 24 months.
4. Ensure location of & distance to power lines is in accordance with MCA SWP. Complete and electrical variance and electrical variance RUMS if necessary.
5. Ensure that location is of adequate build and construction.
6. Ensure that elevators and other lifting equipment are inspected. Caliper all lifting equipment at the beginning of each day or when sizes change.
7. When NU anything over an open wellhead (EPA, etc.) ensure the hole is covered to avoid dropping anything down hole
8. For wells to be worked on or drilled in an H2S field/area, include the anticipated maximum amount of H2S that an individual could be exposed to along with the ROE calculations for 100 ppm and 500 ppm (attached).
9. If the possibility of trapped pressure exists, check for possible obstruction by:
   Pumping through the fish/tubular – this is not guaranteed with an old fish as the possibility of a hole above the obstruction could yield inconclusive results

Dummy run – make a dummy run through the fish/tubular with sandline, slickline, eline or rods to verify no obstruction. Prior to making any dummy run contact RE and discuss. If unable to verify that there is no obstruction above the connection to be broken, or if there is an obstruction:

Hot Tap at the connection to check for pressure and bleed off

Observe and watch for signs / indicators of pressure as connection is being broken. Use mud bucket (with seals removed) and clear all non-essential personnel from the floor.

Procedure:

1. Rig up pulling unit & equipment. Check wellhead pressure. Kill well as required. Monitor to verify well is static.
2. ND wellhead. Nipple up 7 1/16" 5,000 psi BOP with 2 7/8" pipe rams over blinds & 7 1/16" annular BOP.
3. Pull the tubing hanger and 1 joint of 2 7/8" production tubing and cable. Cut and band cable.
4. Make up 5 1/2" test packer in production tubing string. Run in hole with packer and 1 joint 2 7/8" tubing, Set packer at +/- 30'. Test BOP to 250 psi low / 500 psi high. Pull out of hole with test packer.
5. Rig up spooler, pull out of hole laying down tubing and ESP equipment.
6. Pick up and run in hole with 4 ¾" mill tooth bit and bit sub picking up 2 7/8" PH-6 workstring.
7. Clean out 4 ¾" open hole from 4,067' to 4,149' and lateral from 4,149' to 6,168'
   Note: Advise remedial engineer if any difficulty is encountered during cleanout.
8. Pull out of hole laying down 2 7/8" PH-6 workstring & bit.
9. Change out 2 7/8" pipe rams to 3 ½" pipe rams. Pick up and run in hole with 5 ½" X 3 1/2" big bore packer on 1 joint of 3 ½" workstring. Set packer at +/- 30'. Test BOP and pipe rams to 250 psi low/500 psi high. (Packer to have a minimum ID of 2.99")

   Note: Ensure that elevators and other lifting equipment are inspected. Caliper all lifting equipment at the beginning of each day or when sizes change.

10. Release packer, continue running in hole with packer picking up 3 ½" workstring to +/- 4,000'
11. Set packer at +/- 4,000'. Load and test 3 ½" X 5 ½" annulus to 250 psi.
    Note: Prior squeezed casing leak 950' to 1,020' may or may not hold tight. Annulus test is only to confirm packer is not leaking.
12. Nipple down BOP equipment.
13. Land 3 ½" tubing on B-1 adapter flange. Install full opening valve on tubing.
14. Shut well in. Rig down pulling unit & equipment.
15. Move in and rig up 2" coil tubing unit and required flow control equipment with flowback tank.
16. Acidize 4 ¾" lateral as per Baker Coil Tubing recommendations with +/- 15,000 gallons 15% HCL from toe to heel. Monitor 3 ½" X 5 ½" annulus throughout job.
17. Pull coil tubing into vertical section of wellbore. Circulate clean with fresh water.
18. Pull out of hole and rig down coil tubing equipment.

CURRENT WELLBORE DIAGRAM

Created:	9/17/2002	By: MCD					
Updated:	8/10/2007	By: HLH					
Lease:	Vacuum Grayburg San Andres Unit		**Well No.:**	12	**Field:**	Vacuum Grayburg San Andres	
Surface Location:	660' FSL & 1980' FEL		**Unit Ltr:**	O	**Sec:**	1	**TSHP/Range:** 18S-34E
Bottomhole Location:	Same		**Unit Ltr:**		**Sec:**		**TSHP/Range:**
County:	Lea	**St:** NM	**St Lease:**	B-3011-1	**API:**	30-025-02259	**Cost Center:** BCT492200
Current Status:	Active Oil Well		**Elevation:**	3988' GL			
Directions to Wellsite:	Buckeye, New Mexico						

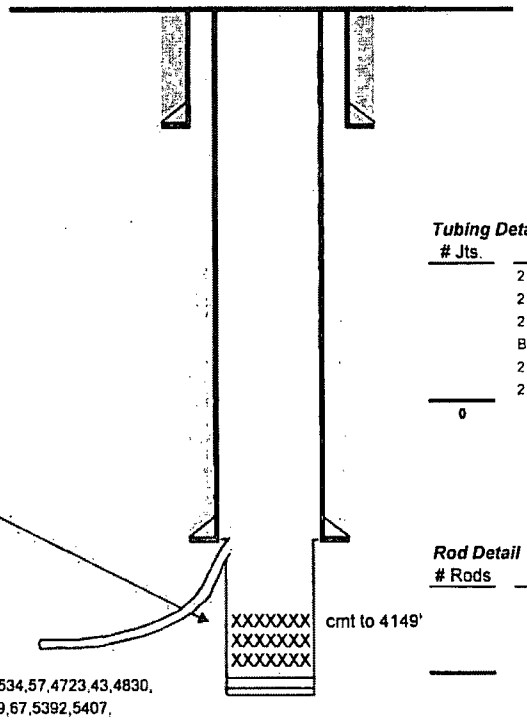
Surface Csg.
Size: 8 5/8"
Wt.: 32#, 8 Rd, LW
Set @: 860'
Sxs cmt: 300
Circ: Yes
TOC: Surface
Hole Size: 10"

Production Casing
Size: 5 1/2"
Wt.: 17#, 8 Rd, SMLS
Set @: 4067'
Sxs Cmt: 300
Circ:
TOC: 2685' (calculated)
Hole Size: 7 7/8"

Open Hole
Hole Size: 4 3/4"
Depth: 4067'-4681'

PBTD: 4681'
TD: 4690'
Horizontal TD: 6168'
Perforations:
Grayburg: None

Detailed Perfs (Horizontal): 4147-49,50,58,61,4220,70,91,4455,4534,57,4723,43,4830, 42,5017,27,36,81,96,5131,41,5250,59,67,5392,5407, 60,77,5622,29,33,5824,40,5934,5949,6061,76,6168'



Vertical TD: 4690'

KB: N/A
DF: 3997'
GL: 3988'
Original Spud Date: 8/31/1943
Original Compl. Date: 10/4/1943

Tubing Detail **Date:**

# Jts.	Size	Footage
	2 7/8" J55 bare cl 'B'	
	2 7/8" J55 Marker Sub	
	2 7/8" J55 bare cl 'B'	
	Baker Type TAC	
	2 7/8" TK-99	
	2 7/8" SN	
0	**Pump Intake**	0.00
	EOT	0.00

Rod Detail **Date:**

# Rods	Size	Footage
		0.00

Pump Detail **Date:**
Barrel:
Plunger:
Pump: Total Fit
Seats:

Well History:
4/2004: Horizontal Completion: TD 6168' Perfs 4147-6168'
7/2004: Acidize and Repair Csg: AC 4278-5870', sq holes 950-1012'