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

Form C-103
Revised July 18, 2013

WELL API NO.
30-025-02238

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
CENTRAL VACUUM UNIT

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

HOBBS OCD

8. Well Number 077

2. Name of Operator
CHEVRON U.S.A. INC.

NOV 0 2 2015

9. OGRID Number 4323

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

10. Pool name or Wildcat
VACUUM; GRAYBURG SAN ANDRES

RECEIVED

4. Well Location
Unit Letter: I 1980 feet from SOUTH line and 660 feet from the EAST line
Section 36 Township 17S 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: INTENT TO REPAIR CSG & RTP				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.

CHEVRON U.S.A. INC. INTENDS TO REPAIR THE CASING THE IN THE SUBJECT WELL & RETURN TO PRODUCTION.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE & WELLBORE DIAGRAM.

DURING THIS PROCESS WE PLAN TO USE THE CLOSED LOOP SYSTEM WITH A STEEL TANK AND HAUL TO THE REQUIRED DISPOSAL, PER THE OCD 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 [signature] TITLE REGULATORY SPECIALIST DATE 10/29/2015

Type or print name DENISE PINKERTON E-mail address: leakejd@chevron.com PHONE: 432-687-7375

For State Use Only

APPROVED BY: [signature] TITLE Petroleum Engineer DATE 11/03/15

Conditions of Approval (if any):

NOV 0 4 2015

WELL NAME: CVU 77
Job Scope: Casing Leak
ChevNo:FA3399 API #: 30-025-02238
Operator: Chevron ~~Midcontinent, L.P.~~
Location: Vacuum FMT County: Lea
Spud:7/2/1938 Completion:8/2/1938
Updated: DUXG 8/31/2015

PROCEDURE:

1. MIRU workover rig. Note tubing and casing pressure on well. Bleed well down.
   - **If needed use 10 ppg brine to kill well.**
2. Remove stuffing box and lay down polish rod.
3. Unseat pump and TOOH racking back rods.
   - **Inspect rods and replace any that show signs of wear or pitting.**
   - **Note the conditions of the rods in wellview.**
4. Ensure well is dead. ND WH.
   - **If necessary kill well with 10ppg brine.**
   - **Observe well for 30 minutes to ensure that it is dead.**
5. NU 5 M remotely-operated hydraulically-controlled BOP with 2-7/8" pipe rams on top and blind rams on bottom. NU EPA pan. Perform accumulator draw down test. Note test results and closure time in wellview.
   - **Function test the blind rams prior to NU the BOP.**
6. Rig up floor. Unset 5 1/2" TAC, POOH one stand and PU a compression or cup test packer. RIH and set test packer ~25'. Test 2-7/8"pipe rams to 300 low and 500 high for 5 minutes. Record test pressures in wellview.
   - **Keep a copy of the stump test provided by the BOP company.**
   - **Bleed the pressure off between each test. Do not step up the pressure.**
   - **Have WSM and reverse hand sign the chart.**
7. POOH scanning with production tubing.
   - **Rack back all yellow band and lay down the rest. Order replacement 2-7/8" J-55 8rd 6.5# as needed.**
8. PU a 5 ½" RBP and tension set packer in tandem on WS.
   - **Use the yellow band production string as the workstring.**
9. TIH and set the RBP at 4000'.

- **If we don't have 4000' of yellow band production string to use as WS then notify the RE and discuss if we can set the RBP shallower.**

10. PU 5' and test the RBP against the packer to 500 psi.

    - **If test fails unset the RBP and move it up hole 5' and repeat test.**

11. POOH with the packer.

12. PU a second RBP and TIH to 500'.

13. Set the RBP.

14. PU 5' and test the RBP against the packer to 500 psi.

    - **If test fails unset the RBP and move it up hole 5' and repeat test.**

15. POOH with the packer.

16. ND BOP, tubing head and 5 ½" casing head.

17. Have a welder cut the production casing below the split in the casing.

18. Use the piece of casing that was purchased in the prework and stub up the 5 ½" production casing back up to surface.

19. NU the 5 ½" casing head.

20. NU the BOP. NU EPA pan. Perform accumulator draw down test. Note test results and closure time in wellview.

    - **Function test the blind rams prior to NU the BOP.**

21. Rig up floor. Test blind rams to 300 low and 500 high for 5 minutes against the RBP. Record test pressures in wellview.

    - **Keep a copy of the stump test provided by the BOP company.**
    - **Bleed the pressure off between each test. Do not step up the pressure.**
    - **Have reverse operator and WSM sign the chart.**
    - **Do not change the BOP test date in wellview.**

22. Shut the blind rams and test the casing to 500 psi against the RBP at 500'.

- **If the test fails notify the RE.**

23. PU a RBP retrieval tool and perforated sub on WS.

24. TIH to the RBP at 500', latch onto the RBP, unset it and POOH racking back the WS and laying down the RBP.

25. PU a RBP retrieval tool and perforated sub on WS.

26. TIH to the RBP at 4000' and latch onto the RBP. Circulate around 10 ppg brine, unset the RBP and POOH laying down the RBP.

27. POOH racking back the workstring and laying down the RBP.

28. PU a 4-3/4" bit on workstring.

29. TIH and tag fill.

30. RU power swivel.

31. Gain circulation and begin cleaning out fill to PBTD. (4735')

32. Circulate the well clean and TOOH racking back WS and laying down BHA.

33. PU and RIH with 2-7/8" J-55 8rd 6.5# production tubing and production BHA.

    - Production BHA is the following,

      (1) 2.875" Bull Plug
      (1) 3.5" Slotted Mud Anchor Joint
      (1) 2.875"x 4' Tubing Sub
      (1) 2.875" Mechanical Seating Nipple
      (2) 2.875" Enduralloy Tbg Jts

34. Set TAC.

35. Monitor the well for 30 minutes to ensure it is dead.

36. ND BOP and NU original WH.

37. TIH with rods and pump per the attached rod design. Load and test tubing and long stroke the pump.

- **If there is a pumping unit on location then space out. If not talk to the ALCR and space out based off of the given measurements.**

38. RDMO

39. Turn well over to production.

Created:	5/7/2003	**By:** SMG					
Updated:	8/1/2007	**By:** HLH					
Lease:	Central Vacuum Unit		**Well No.:**		**Field:**	Vacuum Grayburg San Andres	
Surface Location:	1980' FSL & 660' FEL		**Unit Ltr:**		**Sec:** 36 **TSHP/Range:**	17S-34E	
Bottomhole Location:	None		**Unit Ltr:**		**Sec:** **TSHP/Range:**		
County:	Lea	**St:** NM	**St Lease:**		**API:** 30-025-02238	**Cost Center:**	
Current Status:	Active Oil Well		**Elevation:**			TEPI: BCT493000	
Directions to Wellsite:	Buckeye, New Mexico					MVP: BCT494500	

Surface Csg.

Size:	10 3/4"
Wt.:	32.75# LW
Set @:	254'
Sxs cmt:	200
Circ:	Yes
TOC:	Surface
Hole Size:	12 1/4"

Intermediate Csg.

Size:	7 5/8"
Wt.:	26.4# LW
Set @:	1533'
Sxs Cmt:	250
Circ:	Yes
TOC:	480'
Hole Size:	9 5/8"

Production Csg.

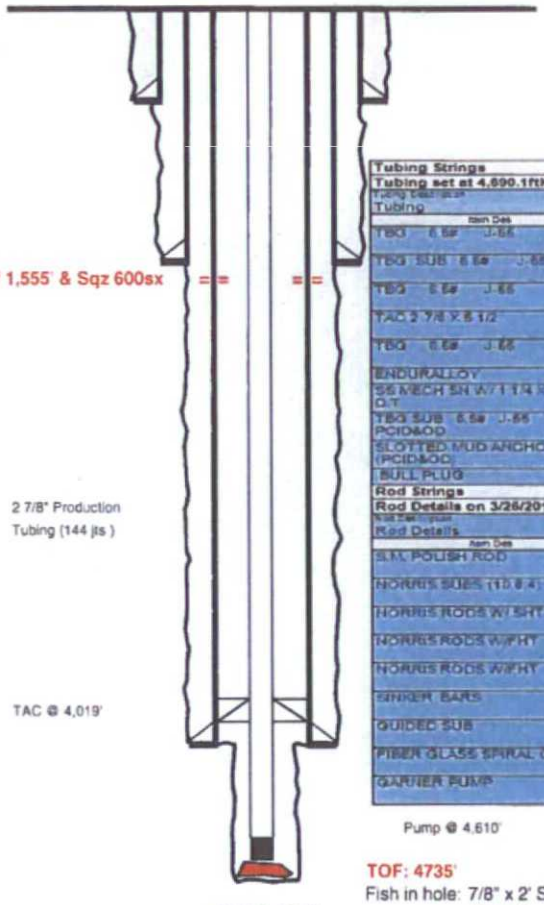
Size:	5 1/2"
Wt.:	17# sm/s
Set @:	4099'
Sxs Cmt:	200
Circ:	Yes
Cement:	2000'-4100'
TOC:	2000'
Cement:	200'-1600'
TOC:	200'
Hole Size:	6 3/4"

Open Hole

Hole Size:	4 3/4"
Depth:	4099'-4760'

TD: 4760'

PBTD 4735'



KB: 3997'
DF: 3997'
GL: 3985'
Original Spud Date: 7/2/1938
Original Compl. Date: 8/2/1938
Chevno: FA3399

Tubing Strings

Tubing set at 4,690.1ftKB on 3/22/2013 12:00

Tubing	Run Date 3/22/2013				String Length ft 4,678.07	Set Depth (ftKB) 4,690.1
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
TBG 8.6# J-55	124	2 7/8	6.50	J-55	3,938.72	3,941.7
TBG SUB 8.6# J-55	1	2 7/8	6.50	J-55	4.10	3,945.8
TBG 8.6# J-55	2	2 7/8	6.50	J-55	63.60	4,018.4
TAC 2 7/8 X 5 1/2	1	2 7/8			2.80	4,022.2
TBG 8.6# J-55	19	2 7/8	6.50	J-55	672.20	4,694.4
ENDURALLOY	2	2 7/8			64.80	4,666.2
SS MECH SN W/ 1 1/4 X 16 O-T	1	2 7/8			0.85	4,660.1
TBG SUB 8.6# J-55 PC(ID&OD	1	2 7/8	6.50	J-55	4.10	4,664.2
SLOTTED MUD ANCHOR (PC(ID&OD)	1	3 1/2			25.65	4,689.7
BULL PLUG	1	2 7/8			0.35	4,690.1

Rod Strings

Rod Details on 3/26/2013 06:00

Rod Details	Run Date 3/26/2013				String Length ft 4,662.00	Set Depth (ftKB) 4,682.0
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
SLIM POLISH ROD	1	1 1/2		C	26.00	26.0
NORRIS SUBS (10 8 4)	3	1		N-97	22.00	48.0
NORRIS RODS W/ SHT	65	1		N-97	1,625.00	1,673.0
NORRIS RODS W/FHT	63	7/8		N-97	1,575.00	3,248.0
NORRIS RODS W/FHT	44	3/4		N-97	1,100.00	4,348.0
SINKER BARS	13	1 1/2		K	325.00	4,673.0
GUIDED SUB	1	7/8		D-90	4.00	4,677.0
FIBER GLASS SPIRAL GUIDE	1				1.00	4,678.0
GARNER PUMP	1	2			24.00	4,682.0

Pump @ 4,610'

TOF: 4735'
Fish in hole: 7/8" x 2' Shaft
(2) 4" Seals - 10.79'
4.56" x 14.45' Motor
25.24' Fish in the Hole

Remarks: Bottor of motor @ 4539.84' with 12.00' KB.
Left in hole 7/8" x 2' long shaft, 2-4" OD seals 10.79', 1-motor 4.56 OD x 14.45', NEW PBTD @ 4735'.

Well History:
10/74: frac 30M gals brine+30M sand 87° 7" GOR 2145'; **11/81:** perf 1555', sq 350sx - did not hold, re-sq 250sx;
2/85: AC 15M 15%+RS+MB, ScSq; **4/90:** CO, checkersol, AC 2M+RS, 95° 1127"
6/93: Am bicarb, AC 10,450 gals 20%, ScSq 77o 1347w 42g
3/00: under ream, AC 8M, ScSq 158o 1144w 507g-Deepen 50' to 4760'; **1/04:** Fish sub pump, AC 4M, ScSq (fish in hole)
3/12: CO to 4,692'. Pump 2,000g xylene & 6,000g 15% HCL. CO to 4,692'. Convert to Rod Pump.