Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
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 March 25, 1999

WELL API NO.
30-025-02253

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
857948

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

2. Name of Operator
Chevron

8. Well No. 28

3. Address of Operator
15 Smith Road Midland, Texas 79705

9. Pool name or Wildcat
Vacuum

4. Well Location

Unit Letter I : 2310 feet from the South line and 330 feet from the East line

Section 1 Township 18-S Range 34-E NMPM County Lea

10. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3993 DF

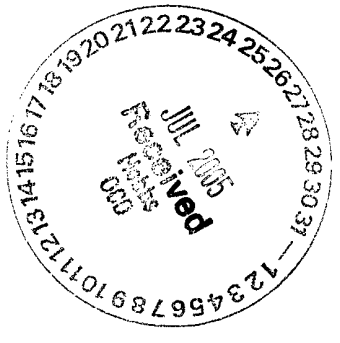
11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPLETION	☐	CASING TEST AND CEMENT JOB	☐		
OTHER:	☐			OTHER:			☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

See attached procedure

THE OIL CONSERVATION DIVISION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS.



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

SIGNATURE P. W. Minchew TITLE Operations Supervisor DATE 7/26/2005

Type or print name P. W. Minchew Telephone No.

(This space for State use)

APPPROVED BY Gary W. Wink TITLE FIELD REPRESENTATIVE II/STAFF MANA DATE JUL 28 2005

Conditions of approval, if any:

VI-	**Procedure**

1 **Pull RBP:**
TIH w/ Retrieving tool to top of RBP. Wash sand off the RBP. Fish RBP. TOH and L/D tools.

2 **Set Bottom Plug**
R/U wireline. TIH w/ CIBP. Set @ 4030'. R/D wireline.
TIH w/ 2 7/8" open ended tbg. Spud 20 sacks cl "C" cmt (4.65 bbls) on top of CIBP. Estimated plug thickness of 200'. TOH to 2930'.

3 **Base of Salt Cement Plug:**
Set open ended tubing @ 2930'. Spud 30 Sacks of cl "C" cmt (300', ~7 bbls).
Pull tubing to 1800' feet. WOC.
TIH to tag top of plug. Pull tbg out of hole.

4 **Injection test:**
TIH w/ **5 ½"** packer and **2 7/8"** working string. Set packer @ **~1800'**.
Perform injection test. Make sure that you can squezze leaks. If can not get rate go to step 6.

5 **Squeeze Casing Leak @ 2340'-2384':**
R/U wireline. Set CR @ 1800'. R/D wireline. TIH w/ stinger and 2 7/8" tubing. Sting into CR. Pump ~100 Sx cl "C" cmt (23 bbls slurry). Sting out.
Pump 40 Sacks cl "C" cmt (9.3 bbls) @ 1800'. Pull to Surface. WOC.
TIH w/ 2 7/8" open ended tbg. Tag plug (Estimated top @ 1400'). TOH to 400'.

6 **Surface Plug:**
Set open ended tbg @ 400'. Pump ~40 sacks cl "C" cmt to surface. Pull tubing out.

6 Cut casing and cap off well. Well P&A.

Use

Prepared by
Mario A. Ballesteros

CURRENT
WELLBORE DIAGRAM

Created:	6/30/2005	By: MAB					
Updated:		By:					
Lease:	VGSAU		**Well No.:**	28	**Field:**	VACUUM	
Surface Location:	2310' FSL & 330' FEL		**Unit Ltr:**		**Sec:**	1	**TSHP/Range:** 18S-34E
Bottomhole Location:	Same		**Unit Ltr:**		**Sec:**		**TSHP/Range:**
County:	Lea	**St:** NM	**St Lease:**		**API:**	30-025-02253	**Cost Center:**
Current Status:	Active Oil Well		**Elevation:**				TEPI:
Directions to Wellsite:	Buckeye, New Mexico						MVP:

Surface Csg.

Size:	8 5/8"
Wt.:	32#, 10V LW
Set @:	1503
Sxs cmt:	300 Sx
Circ:	Yes
TOC:	Surface
Hole Size:	10 3/4

Production Casing

Size:	5 1/2"
Wt.:	17#, SMLS
Set @:	4085
Sxs Cmt:	200 Sx
Circ:	No
TOC:	2830 CBL
Hole Size:	6 3/4
TD:	4710

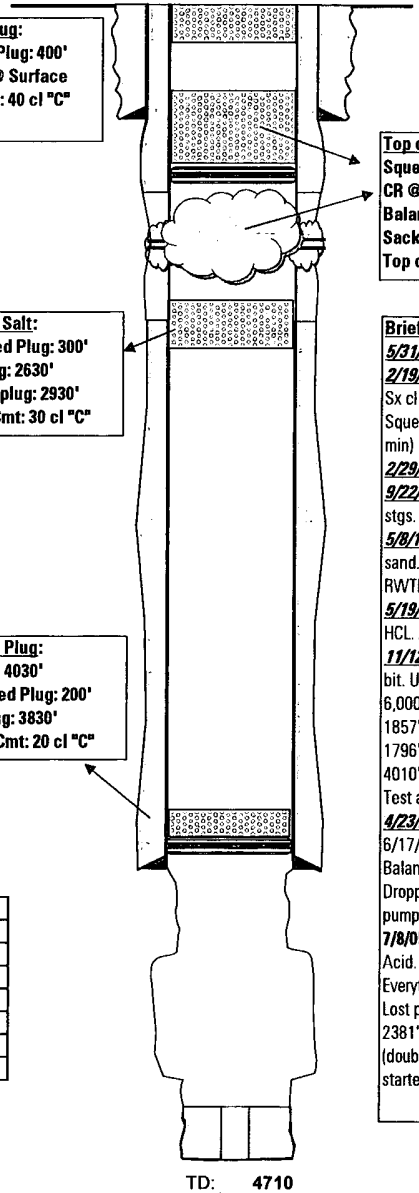
Perforations:
Grayburg San Andres — **Open Hole: 4085-4710**

Casing Caliper Log (Nov-2000):
1826'-1826': Bad Corrosion
2070-2130': Bad Casing
2250'-2300': Holes
2790'-3990': Corrosion & Pitting

Perforations:
4085'-4270': 4 3/4" OPEN HOLE
4270'-4590': 6 1/4" OPEN HOLE (Nov-00)
4590'-4710': 4 3/4" OPEN HOLE

ZONES

Top	Top Depth, ft	Interval	Net
GB Marker	4,105		
GB Dol Top	4,200	33	20
GB Dol Bott	4,233		
San Andres	4,267	153	90
LSA	4,420	272	130
O/W	4,692		
PBTD	4,655		
TOTAL		458	240
Gross / Net Ratio		52.4%	
Middle of Perforations:	4,428		



KB:
DF: 3,993
GL:
Original Spud Date:
Original Compl. Date: 5/31/1940
Kelly Bushing:

Brief Workover History:

5/31/1940: Initial Completion.

2/19/74: **Casing Leak Repair:** Set CR @ 1650' and squeeze leak f/ 1866'-2480' w/ 350 Sx cl "C" cmt. Cement circulated to surface. Squzd again w/ 150 Sx "C" cmt. Held OK. Squeeze Leak @ 1870' w/ 150 Sx "C" cmt. Test f/ 2480' to surface. Held OK (1000 #/30 min)

2/29/1974: **Frac Open Hole**: Frac w/ 18,000 # sand. C/O to 4710'. Ran GR-N log.

9/22/78: **Acid Open Hole**: Pump 12,000 gls 20% HCl in 4 stgs w/ 600# RS between stgs.

5/8/1987: **Fracture Treatment:** Frac open hole w/ 25,000 gal XL gel, 60,000 lbs 20/40 sand. C/O to 4685'. Lost circulation @ 4685'. Backed Off at 4654' leaving junk in the hole. RWTP.

5/19/93: **Acid Open Hole**: Tagged @ 4653'. Spot 500 gls 15% HCl. Pump 6,000 gls 15% HCL. Avg Pressure= Vacuum, Avg rate=4.4 bpm. SIS.

11/12/2000: **Under Ream, Repair Csg Leak, C/O & Acid**: Tagged @ 4652' w/ 4 3/4" bit. Under Ream f/ 4270' to 4590'. C/O w/ 4 3/4" from 4600'-4655'. Acid open hole w/ 6,000 gls 15% + 3500 lbs RS. Found csg leak @ 2144'-2500'. Ran log. No bond @ 2830'-1857'. Ran PAL (csg inspection log). Csg in bad condition f/ 1800' to 3990'. Set CR @ 1796' and pump 600 sx cmt. Tag cmt @ 1880'. Drill cmt to 2284'. Tested csg fom 2530' to 4010'. Tested Good. Spot 160 Sx cmt @ 2500' (balance plug). Tag @ 966'. Drill to 2561'. Test and chart to 500 psi. Remove RBP @ 4,033'. Run sub.

4/23/2002: **Pump Upgrade to Larger Pump. No Clean Out**.
6/17/2003: Stimulation and Casing Repair: Found leaks between 2274' and 2525'. Balance cmt plug. Leaked 155 # / 30min. Balnce plug again w/ 120 sx Pecos Valley Lite. Dropped 110 pis/ 30 min. Swab to test leak. No fluid. Get OCD aproval to put back on pump.

7/8/05- 7/25/05: DHS / Stuck Pump / Casing Leak : Pump Stck @ 2347'. Free Point. Acid. Cut tbg. TIH w/ Overshot. Work fish. TIH to cut pump. Fish got loose. TOH w/ Fish. Everything came out. Isolate leaks f/ 2340 to 4384'. Pump 15 bbls. Pressured up to 600#. Lost pressure to 200# in 10 min. Pump 7 bbls cmt. WOC. TIH w/ 4 3/4" bit and tag @ 2381'. Soft. Not good. Swab for fluid entry. Got flow. TIH to spud cement. Pump 100 Sx (double to first time) cl "C" cmt. WOC. TIH w/ bit and tag @ 2188'. soft cement and flow started again. Decided to P&A inmediatly.