

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

Form C-103
May 27, 2004

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

WELL API NO. 30-025-2600 0
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-155-1
7. Lease Name or Unit Agreement Name Central Vacuum Unit
8. Well Number: 140
9. OGRID Number
10. Pool name or Wildcat Vacuum Grayburg San Andres

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3988' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type STEEL Depth to Groundwater 104 Distance from nearest fresh water well over 1000 Distance from nearest surface water

Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material

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: Water Injection Well

2. Name of Operator
Chevron USA Inc

3. Address of Operator
P.O. Box 7139, Midland, Texas 79708

4. Well Location
Unit Letter N : 10 feet from the South line and 2571 feet from the West line
Section 36 Township 17S Range 34E NMPM County Lea

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. Notify NMOCD 24 hrs. prior to MI&RU.
2. Set CIBP @ 4,210' (San Andres perfs 4,260;-4,702').
3. RIH, spot 25sx plug 4,210'-4,065' (San Andres - on top of CIBP). WOC Tag.
4. Displace hole w/MLF, 9.5 ppg brine w/12.5 gel p/bbl.
5. Spot 30sx plug 2,840'-2,640' (B. salt).
6. Spot 30sx plug 1,550'-1,350' (T. salt).
7. Spot 35sx plug 465'-surface (13-3/8" shoe, surface) WOC Tag.
8. Install dry hole marker.

**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. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE M. Lee Roark TITLE Agent DATE 12/1/2005

Type or print name M. Lee Roark

E-mail address:

Telephone No. (432) 561-8600

For State Use Only

APPROVED BY: Harry W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE DEC 06 2005

Conditions of Approval (if any):

PLUGGING & ABANDONMENT WORKSHEET (4 STRING CSNG)

OPERATOR Chevron USA Inc.

LEASENAME Central Vacuum Unit

SECT	<u>36</u>	TWN	<u>17S</u>	RNG	<u>34E</u>
FROM	<u>10</u>	W /S L	<u>2571</u>	W /L	
TD:	<u>4800'</u>	FORMATION @ TD <u>SAN Andre</u>			
PBTD:	<u>4784'</u>	FORMATION @ PBTD			

SECT 36 TWN 17S RNG 34E
FROM 10 ~~11~~/S L 2571 ~~2571~~/W L
TD: 4800' FORMATION @ TD SAN Andre
PBTD: 4784' FORMATION @ PBTD

TD: 4800' FORMATION @ TD SAN Andres
PBTD: 4784' FORMATION @ PBTD

PBTD: 4784 FORMATION @ PBTD

	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	13 3/8'	365'	Surface	Circulated	
INTMED 1	9 5/8"	1,450'	Surface	Circulated	
INTMED 2	7"	2,740'	Surface	Circulated	
PROD	4 1/2"	4,800'	Surface	Circulated	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1					
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMED 1			PERFS	4260' - 4702'	
INTMED 2			OPENHOLE	-	
PROD					

▲ REQUIRED PLUGS DISTRICT I

RUSTLER (ANHYD)	
YATES	
QUEEN	
GRAYBURG	
SAN ANDRES	
CAPTIAN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSHY CANYON	
BONE SPRING	
GLORIETA	
BLINEBRY	
TUBB	
DRINKARD	
ABO	
WC	
PENN	
STRAWN	
ATOKA	
MORROW	
MISS	
DEVONIAN	

PLUG	TYPE PLUG	SACKS CMNT	DEPTH
EXAMPLES			
PLUG #1	OH	25 SXS	9850'
PLUG #2	SHOE	50 SXS	8700'-8800
PLUG #3	CIBP/35'		5300
PLUG #3	CIBP	25 SXS	5300
PLUG #4	STUB	50 SXS	4600'-4700'
PLUG #7	RETNR SQZ	200 SXS	400
PLUG #8	SURF	10 SXS	0-10'
PLUG #1	S. Anchres	CIBP	4,210'
PLUG #2	S. Anchres	25sx	4,210'-4,065'
PLUG #3	B. Salt	30sx	2840'-2640'
PLUG #4	T. Salt	30sx	1,550'-1,350'
PLUG #5	13 ³ / ₈ " S	35sx	465'-Surface
PLUG #6			
PLUG #7			
PLUG #8			
PLUG #9			
PLUG #10			
PLUG #			
PLUG #			
PLUG #			
PLUG #			

13 ³/₈"
@ 365'
TOC - Surface

9 5/8"
@ 1450'
TOC - Surface

7"
@ 2.740'
TOC - Surface

4 1/2"
@ 4800'
TOC-Surface

TD 4,800'

Created:	<u>4/29/2003</u>	By:	<u>SMG</u>						
Updated:	<u>6/27/2005</u>	By:	<u>Glen Anderson</u>						
Lease:	<u>Central Vacuum Unit</u>		Well No.:	<u>140</u>	Field:	<u>Vacuum Grayburg San Andres</u>			
Surface Location:	<u>10' FSL & 2571' FWL</u>		Unit Ltr:	<u>N</u>	Sec:	<u>36</u>	TSHP/Range:	<u>17S-34E</u>	
Bottomhole Location:	<u>Same</u>		Unit Ltr:		Sec:		TSHP/Range:		
County:	<u>Lea</u>	St:	<u>NM</u>	St Lease:	<u>B-155-1</u>	API:	<u>30-025-26000</u>	Cost Center:	
Current Status:	<u>Active Water Injection Well</u>		Elevation:	<u>3988' GL</u>				TEPI:	<u>BCT493000</u>
Directions to Wellsite:	<u>Buckeye, New Mexico</u>							MVP:	<u>BCT494500</u>

Size:	13 3/8"
Wt.:	48#, K-55
Set @:	365'
Sxs cmt:	400
Circ:	Yes
TOC:	Surface
Hole Size:	17 1/2"

Size:	9 5/8"
Wt.:	36#, H-40
Set @:	1450'
Sxs Cmt:	800
Circ:	Yes
TOC:	Surface
Hole Size:	12 1/4"
DV Tool:	1521'-1523'

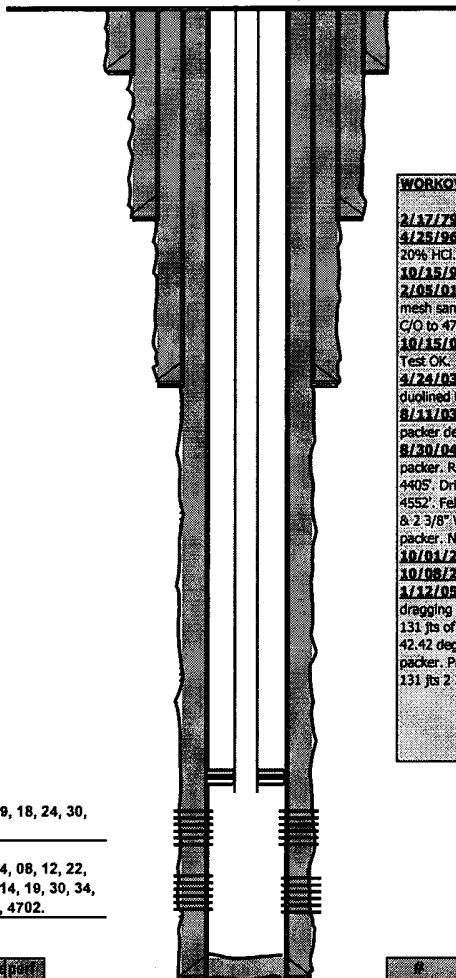
Size:	7"
Wt.:	23#, K-55
Set @:	2740'
Sxs Cmt:	650
Circ:	Yes
TOC:	Surface
Hole Size:	8 3/4"

Size:	4 1/2"
Wt.:	10.5#, K-55
Set @:	4800'
Sxs Cmt:	750
Circ:	Yes
TOC:	Surface
Hole Size:	7 7/8"

Perforations:	<u>4260'-4702'</u>
Upper San Andres	<u>4260, 63, 66, 73, 82, 86, 4304, 09, 18, 24, 30, 36, 94, 98</u>
Lower San Andres	<u>4453, 56, 69, 76, 83, 89, 93, 4504, 08, 12, 22, 28, 35, 40, 78, 81, 94, 99, 4810, 14, 19, 30, 34, 42, 48, 53, 60, 87, 77, 84, 91, 96, 4702.</u>

Top	Top Depth, ft	Interval	per ft
GB Marker	4,102		
GB Dol Top	4,215	35	
GB Dol Bott	4,250		
San Andres	4,253	167	14
LSA	4,420	280	33
O/W	4,700	84	
PBTD	4,784		

TOTAL	<u>586</u>
Gross / Net Ratio	<u>8.3%</u>
Middle of Perforations:	4.500



TD	4,800	ft
PBTD	4,784	ft

KB: 3,998
DF: _____
GL: 3,988
Date: 12/15/1978
Date: 2/7/1979
KB: 10

2/17/79: Initial Completion. Perf intervals 4260-4702' (47, 94 holes)
4/25/96-5/12/96: Stimulation w/ Acid: C/O to 4784'. Ran CBL and Casing Inspection log. Pump 6000 gals 20% HCl. Ran 2 3/8" duolined and 4 1/2" ADI pkr. Set at 4182'.
10/15/96: Pressure Increase permit.
2/05/01-2/30/01: Hydraulic Fracture Upper San Andres: C/O to 4784'. Plug back to 4340' w/ 20/40 mesh sand. Frac perfs 4260-4336' (12', 24 holes) w/ 2000 gals acid, 33000 gals YF135, 62,000 # Brady sand. C/O to 4784'. Ran Injection equipment. Pkr set at 4175'.
10/15/01: MIT: Ran Ultrasonic Imager Log on 10/12/04. Test casing for 30 minutes. Test Packer @ 4115'. Test OK.
4/24/03-5/12/03: MIT: Flow well back for 14 days. TOH w/ 2 3/8" duolined tbg and Pkr. TIH w/ 2 3/8" duolined tbg and packer. New packer depth @ 4113.48'
6/11/03-6/13/03: MIT: TOH w/ 2 3/8" duolined tbg and Pkr. TIH w/ 2 3/8" duolined tbg and packer. New packer depth @ 4081.28'
8/20/04-9/10/04: MIT: Killed well w/ brine/ L/D 125 jts 2 3/8" duolined tbg. rubber element was gone / packer. Ran 4 1/2" plug and tested to 960 psig for 30 min. Test OK. TOH. TIH w/ cone bitriller mill. Tagged @ 4405'. Drill f/ 4405' to 4550'. Very tight spot. Ran impression block. Ran taper mill and drilled around 4550-4552'. Fell through. Drill f/ 4552' to 4683'. String Locked down. Worked string. Came free. TOH. Ran packer 6 2 3/8" WS. Acid perfs w/ 4000 gals acid & 1500 # RS in 4 stages. TIH w/ 2 3/8" "No Ring" duolined tbg and packer. New packer depth @ 4079.82'
10/01/2004: Injection Profile: Failed to get down. Could not get down. Tagged just below the packer.
10/06/2004: Pressure on Back Side: Turn to water.
4/12/05 - 4/24/05: Run Gyro and Repair MIT: 1500# on tbg. Killed well w/ 14.3# mud. Packer dragging while coming out. Pump more kill fluid. Perforated 6 holes @ 3110'. Circulated 14.3# mud. TOH w/ 131 jts of 2 3/8" duolined tbg. TIH w/ 135 jts of 2 7/8" WS. Tagged @ 4207'. Ran Gyro @ 4194: 100.73, 42.42 degrees North - East. TIH w/ 4 1/2" arrowroot pkr and 130 JTS of 2 3/8" duolined tbg. Could not get packer. Pump more kill fluid around (~80 bbls 14.3# mud). TOH. TIH w/ new weatherford set packer and 131 jts 2 3/8" duolined tbg. Circulated packer fluid and set packer at 4076'.

#	Size	Wt.	Footage	Depth
	KB		10.00	10.00
131	2 3/8" Duoline Tubing - NO RING	1.750	4059.70	4069.70
1	4-1/2" Weatherford Packer	1.991	6.30	4076.00
				4078.00
				4076.00
				4078.00
				4076.00
				4078.00
				4076.00
				4078.00
				4076.00

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 17S Range: 34E Sections: 36

NAD27 X: Y: Zone: Search Radius:

County: LE Basin: Number: Suffix:

Owner Name: (First) (Last) Non-Domestic Domestic
All

Well / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

WATERS Menu

Help

AVERAGE DEPTH OF WATER REPORT 12/01/2005

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
L	17S	34E	36				2	102	105	104

Record Count: 2