

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. 30-025-25793
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Central Vacuum Unit
8. Well Number: 16
9. OGRID Number
10. Pool name or Wildcat Vacuum Grayburg San Andres

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

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type STEEL _____ Depth to Groundwater 83 _____ 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 G : 2630 feet from the North line and 1330 feet from the East line
Section 30 Township 17S Range 35E 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. RIH, tag CIBP @ 4,345', spot 25sx plug from 4345'-4200' (San Andres). WOC Tag.
3. Displace hole w/MLF, 9.5 ppg brine w/12.5 gel p/bbl.
4. Spot 30sx plug 2,700'-2,500' (B. salt).
5. Spot 30sx plug 1,700'-1,400' (T. salt).
6. Spot 40sx plug 475'-surface (13-3/8" shoe, surface) WOC Tag.
7. Install dry hole marker.

THE OIL CONSERVATION DIVISION MUST
BE NOTIFIED 24 HOURS PRIOR TO THE

I hereby certify that the information above is true and complete and that I am not aware of 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 DATE _____

Conditions of Approval (if any):

UC FIELD REPRESENTATIVE II/STAFF MANAGER
DEC 06 2005

PLUGGING & ABANDONMENT WORKSHEET (STRING CSNG)

OPERATOR CHEVRON USA INC.
 LEASENAME CENTRAL VACUUM UNIT
 WELL # 16
 SECT 17 TWN 413 RNG 1330
 FROM 2630 (NSL) EWL
 TD: 4870 FORMATION @ TD S. ANDRES
 PBTD: FORMATION @ PBTD S. ANDRES

8 5/8
@ 413
TOC SURF

	SIZE	SET @	TOC	TOC DETERMINED BY
SURFACE	8 5/8	413	SURF	CIRC
INTMED 1				
INTMED 2				
PROD	4 1/2	4870	SURF	CIRC
	SIZE	TOP	BOT	TOC DETERMINED BY
LINER 1				
LINER 2				
	CUT & PULL @		TOP - BOTTOM	
INTMED 1			PERF	4527 - 4815
INTMED 2			OPENHOLE	-
PROD				

* REQUIRED PLUGS DISTRICT *

PLUG	TYPE	BACKS	DEPTH
PLUG	PLUG	CMNT	
EXAMPLES			
PLUG #1	OH	25 SXS	9850'
PLUG #2	SHOE	50 SXS	8700'-8800'
PLUG #3	CIBP/35'		5300'
PLUG #4	CIBP	25 SXS	5300'
PLUG #5	STUB	50 SXS	4600'-4700'
PLUG #6	REINR SQZ	200 SXS	400
PLUG #7	SURF	10 SXS	0-10'
PLUG #8	S. ANDRES	25	4345
PLUG #9	B. SALT	30	2700
PLUG #10	T. SALT	30	1700
PLUG #11	8 5/8 S	40	475
PLUG #12			
PLUG #13			
PLUG #14			
PLUG #15			
PLUG #16			
PLUG #17			
PLUG #18			
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PLUG #100			

4 1/2
@ 4870
TOC SURF

TD 4870

CVU 16

Created: 10/14/2005 By: MAB
 Updated: By:
 Lease: Central Vacuum Unit
 Surface Location: 2630' FNL & 1330' FEL
 Bottomhole Location:
 County: Lea St: NM
 Current Status: Active Injection Well
 Directions to Wellsite: Buckeye, New Mexico

Well No.: 16
 Unit Ltr: G
 Unit Ltr: E-7586
 St Lease: E-7586
 Elevation:
 Field: Central Vacuum Unit
 Sec: 30 TSHP/Range: 17S-35E
 Sec: TSHP/Range:
 API: 30-025-25793
 Cost Center:
 TEPI:
 MVP:

Surface Csg.
 Size: 8 5/8" inches
 Wt.: 24#, K55
 Set @: 413 ft
 Sxs cmt: 425 sx
 Class "C" cmt 2% CaCl
 Yes
 TOC: Surface
 Hole Size: 12 1/4 inches

Production Casing
 Size: 4 1/2 inches
 Wt.: 10.5#, K55
 Set @: 4,870 ft
 Sxs Cmt: 2100 sx
 Class "C" cmt w/ 15# / 8# salt
 Yes
 TOC: Surface
 Hole Size: 7 7/8 inches

TD: 4,870

Perforations:
 Grayburg San Andres 4527' - 4815'

Perforation detail:
 5/10/1978: Initial Completion: 4828'-4835' (2 SPF): Acid w/ 1000 gls 15% HCl. Set CIBP @ 4825'
 4527'-4815' (2 SPF): 4527', 32', 50', 4708', 52', 60', 74', 84', 94', 4803', & 4815'. Acid perforations 4752'-4815' (2100 gls), 4708' (500 gls), 4527'- 4550' (1500 gls) w/ 4100 gls of 15% NE acid.
 8/9/1995 Add perforations 4396'- 4671': 4396', 4401, 05, 09, 19, 78, 82, 4504', 25-33, 32, 42, 50, 61, 66, 70-74, 4618, 27, 63, 71, 4708, 52, 60, 74, 84, 94, 4803, 4815' (perfs in blue already existed)

ZONES

Top	Top Depth	Interval	Net
GB Marker	4,265		
GB Dol Top	4,359	31	-
GB Dol Bott	4,390	70	5
San Andres	4,460	162	22
LSA	4,622	62	3
O/W	4,684	136	8
PBTD	4,820		
TOTAL		461	38
Gross / Net Ratio		8.2%	
Middle of Perforations:	4,590		

CIBP @ 4345' w/

CIBP @

TD: 4870
 PBTD: 4820

KB: 3,992
 DF: 3,991
 GL: 3,980

Original Spud Date:
 Original Compl. Date: 5/12/1978
 Kelly Bushing: 12

Well & Failure History

5/12/1978: Initial Completion: TD @ 4870'
 3/4/1992: Permission to increase pressure. New surface pressure set @ 1620 psig.
 8/4/95- 8/9/95: Add perfs in grayburg & San Andres: TIH w/ 3 7/8" bit and tag @ 4490'. C/O to 4750' (Perfs @ 4527-4815'). TIH w/ wireline and selective perforate @ 2 spf f/ 4396'- 4671' (64 holes) w/ 3 1/8" gun. TIH and set 4 1/2" pkr @ 4330'. Acid perfs w/ 6000 gls 20% HCl. Pmax=4200 psi, AIR=4 bpm. Swab load back. Pulled pkr and run in equipment. Set 4 1/2" pkr @ 4352'.
 10/18/05- 11/17/05: Repair MIT: Pull injection equipment. TIH to test casing. It leaked between 42' to 72'. Rate of 1.5 bpm @ 250#. Squeeze w/ 100 Sx cl "C" cmt 2% CaCl. WOC. Drill out to 96'. Test csg to 550#. It held. Pull RBP. Run buster mill, 6 3 1/8" drill collars and 2 3/8" tbg. Tag @ 4370' (Top of perfs @ 4396'). C/O to 4826' (Iron sulfide and scale). Got stuck. Free point. Backed off. Try to fish and loose w/ jars. Failed. Try to wash over w/ 3 7/8" shoe and washpipe f/ 4751' (TOF) to 4811' (4820' Bottom of fish). Pull shoe. Try to fish w/ overshot & jars. Failed. Left fish. Ran pkr for acid treatment. Csg leaked again. Isolated leaks @ 42-74'. Rate of 1 bpm @ 300#. Pump 5.5 bbls cl "C" cmt slurry. 3 bbls in formation. SIP of 1134#. WOC. Drill out and test. It leaked from 500# to 400# in 30 minutes. Decided to TA and later P&A. Report to NMOCD.
 11/17/05 TA: Set CIBP @ 4345' w/ 20' of cmt on top.

TUBING LANDING DETAILS

#	Size	ID	Footage	Depth
1	Kelly		12.00	12.00
133	2 3/8" tubing - IPC TK-70		####	4347.89
1	4 1/2" Nickel Plated Packer		4.00	4351.89
				4351.89
				4351.89
				4351.89
				4351.89
				4351.89
				4351.89

Packer set @ 4351.89

Top of Fish: 4751'
 Bottom of Fish: 4820'
 Configuration: 2- 3 1/8" DC, 1 cone buster mill 3 7/8" x 2.20'

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 17S Range: 35E Sections: 30

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	Tw	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
L	17S	35E	30				6	70	130	83

Record Count: 6