

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.
30-025-22289

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Jal Water System

8. Well Number: 3

9. OGRID Number

10. Pool name or Wildcat

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 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 : 1313 feet from the South line and 1327 feet from the West line
Section 4 Township 24S Range 36E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3415' DF Est.

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type STEEL Depth to Groundwater 165 Distance from nearest fresh water well over 1000 Distance from nearest surface water

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

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

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

1. Notify NMOCD 24 hrs. prior to MI&RU.

2. RIH, Tag PBTD @ 3,755' (CIBP@3,790'+35' cmt.).

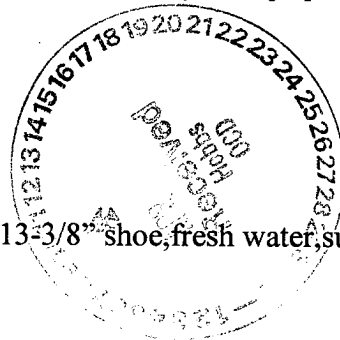
3. Displace hole w/MLF, 9.5 ppg brine w/12.5 gel p/bbl.

4. Spot 40sx of cement from 3,420'-3,220' (B. salt).

5. Perf and squeeze 145sx of cement from 1,400'-1,200' (T. salt.).

6. Perf and squeeze 280sx of cement from 450'-surface, WOC Tag (13-3/8" shoe, fresh water, surface).

7. Install dry hole marker.



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 4/4/2006

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 APR 10 2006

Conditions of Approval (if any)

OC FIELD REPRESENTATIVE II/STAFF MANAGER
THE OIL CONSERVATION DIVISION MUST
BE NOTIFIED 24 HOURS PRIOR TO THE
BEGINNING OF PLUGGING OPERATIONS.

LEASENAME JAI WATER SYSTEM

WELL # 3

SECT 4 TWN

24S RNG 36E

FROM 1313' 11/5 L

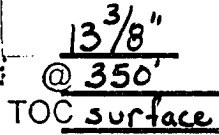
1327' NW L

TD: 4,500'

FORMATION @ TD 7 Kivers

PBTD: 3.755'

FORMATION @ PBTD 7 Rivers



9 5/8"
@ 3.875
TOC 2.375

Open Hole
3,875' - 4,500'

TD 4.500'

	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	13 3/8"	350'	surf	circ.	
INTMED 1					
Prod.	9 5/8"	3,875'	2,375'	Temp. Svy.	
Liner	7"	3,818'	1,300'	Temp. Svy.	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1					
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMED 1			PERFS	TA'd -	
INTMED 2			OPENHOLE	3,875' - 4,500'	
PROD					

*** REQUIRED PLUGS DISTRICT I**

RUSTLER (ANHYD)	
YATES	
QUEEN	
GRAYBURG	
SAN ANDRES	
CAPTAIN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSHY CANYON	
BONE SPRING	
GLORIETA	
BLINEBRY	
TUBB	
OLD FORD B. Salt	3,320'
ABO T. Salt	1,300'
13 7/8" shoe	350'
WAG F. Wltr.	145'
GRAND	
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	B. Salt	40sx	3,420'-3,220'
PLUG # 2	T. Salt	145sx	1,400' - 1,200'
PLUG # 3	13 ³ / ₈ " shoe	280sx	460' - surf.
PLUG # 4	F. W/tr.	—	—
PLUG # 5	Surface	—	—
PLUG # 6			
PLUG # 7			
PLUG # 8			
PLUG # 9			
PLUG # 10			
PLUG #			
PLUG #			
PLUG #			
PLUG #			
PLUG #			
PLUG #			

Jal Water System #3
Unit N 1313 FSL, 1327 FWL
Sec 4, T24 S, R36 E

API 30-025-22289

Original OH 3875'-4500'

1/30/1968 Spudded

Sep-71 CO 3552'-4500'. Recovered silt, sand, FeS

Aug-73 CO 3875'-4500'. Set pump 1859'.

Apr-78 CO 3880'-4500'. Recovered sand, silt, FeS.
 Spotted 2000 gals 28% ISA-ASOL acid over
 OH. Swabbed. Pumped 3200 gals 15%
 LT-ISA acid, 4000 gals wtr pad, 500 gals
 corrosion inhibitor and 1500# rock salt.
 Set REDA 1854'.

Jun-78 Casing leak found 1851'-1871'. Pumped into
 150 bbls fresh at 5 BPM. Pumped 500 sxs
 Halite, 15% salt, 15# Gilsonite, 1/2# flowseal,
 300 sxs Class c 2/ 2% CaCl. Still leaked.
 Pumped 300 sxs w/ 3% CaCL, 5# Gilsonite,
 1/4# flowseal @ 6BPM. DO to 3004'. Ran
 8 3/4" impression block. Tagged restricion
 3004'. Swaged in casg found. Ran 8 5/8"
 teppered milled to 3013'. Milled to 3016'.
 Hit tight spot. Workstring parted. Fished w.
 overshot, Ran new mill and tagged 3016'.
 Milled to 3019'. Found csg. Pinched 3019'.
 Ran cutrite shoe and milled to 3024'. Lost
 Circ. Found fishing neck on BP. Recovered
 BP. Ran Reda 1723'.

Jun-79 Tagged fill 3875'. Co to 3939. Set 9 5/8' BP
 3847'. Dumped sand and cmt to 3830'. Ran
 7" csg to 3818'. Cmt w.700sxs Class H w/2%
 CaCL and 8sxs flocele. Temp Survey TOC
 1600'. Cmt w/200 sxs Class C down 7"-9 5/8"
 annulus on vacuum. TOC Temp Survey 1300'
 Tested annulus to 750# . Held.

Sep-79 Reda failure.

Jan-80 CaCO3 scale in OH. Acidi w/ 5000 gals 15%

Sep-80 Spotted 2700 gals 15% & 1900 gals 15%.

Dec-81 CaCO3 scale. Motor burnt.

Dec-83 Motor burnt.

Jul-84 Reda failure.

Apr-85 Reda failure.

Apr-86 Reda failure.

May-95 Ran CIBP @ 3790' and capped w/ 35" Cmt.
 Tested to 500# for 30 Min.

13 3/8" 35.63# @ 350'
 275 sxs Circ

TOC 1300' Temp Survey

Leaks on 9 5/8" 1851-1871
 Sq 1100 sxs.

Base Salt 3320'

Chlorides	mg/l
Jun-69	3871
Sep-69	3871
Jan-75	4580
Dec-77	18465
Feb-78	165474

CIBP @ 3790'. Capped 35' Cmt.

7" 20# @ 3818'
 900 sxs TOC 1300' TS

9 5/8" 32#, 36# @ 3875'
 300 sxs.TOC 2375' TS

TD 4500'

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 24S Range: 36E Sections: 4

NAD27 X: Y: Zone: ☐ Search Radius:

County: LE ☐ Basin: ☐ Number: Suffix:

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

POD / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

iWATERS Menu

Help

AVERAGE DEPTH OF WATER REPORT 04/04/2006

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
CP	24S	36E	04				3	155	178	165

Record Count: 3