District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-
May 27, 2

Submit to appropriate District Of

☐ AMENDED REPC

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

[1] Operator Name and Address	[2] OGRID Number
CHEVRON U.S.A INC 15 SMITH ROAD MIDLAND, TEXAS 79705	4323
	[3] API Number 30 – 025-21773

[3] Property Code	[5] Property Name	[6] Well No.
29958	L. VAN ETTEN	12

[9] Proposed Pool 1	[10] Proposed Pool 2
EUNICE MONUMENT, GRAYBURG SAN ANDRES	

[7] Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	9	20-S	37-E		810	SOUTH	2130	EAST	LEA

[8] Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
P	O		P	3542'
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
NO	6700'	SAN ANDRES		

Depth to Groundwater	Distance from nearest fresh water well	Distance from nearest surface water

Pit: Liner Synthetic ☐ ____ mils thick Clay ☐ Pit Volume ____ bbls
Closed-Loop System ☐

Drilling Method
Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
NO CHANGE					

[22] Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zo
Describe the blowout prevention program, if any. Use additional sheets if necessary

CHEVRON U S A INC INTENDS TO RECOMPLETE THE SUBJECT WELL TO THE EUNICE MONUMENT, SAN ANDRES FIELD AND POOL

A PIT WILL NOT BE USED FOR THIS PLUGBACK. A STEEL FRAC TANK WILL BE UTILIZED.

THE INTENDED PROCEDURE & WELLBORE DIAGRAMS IS ATTACHED FOR YOUR APPROVAL.

RECEIVED
FEB – 4 2008
HOBBS OCD

Permit Expires 2 years From Approval Date Unless Drilling is Underway
Plugback

[23] I hereby certify that the information given above is true and complete to the best of my knowledge and belief **I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan, ☐.**

Signature Denise Pinkerton

Printed name: DENISE PINKERTON

Title REGULATORY SPECIALIST

E-mail Address leakejd@chevron com

Date 02-01-08 Phone 432-687-7375

OIL CONSERVATION DIVISION

Approved by

Title

Approval Date FEB 05 2008 Expiration Date

Conditions of Approval Attached ☐

L Van Etten #12 **1/29/2008**
Eunice Monument; San Andres
T20S, R37E, Section 9
30-025-21773
Job: PB to San Andres, Acidize

Procedure:

1. ***This procedure is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of 1/29/2007. Verify what is in the hole with the well file in the Eunice Field office. Discuss w/ WEO Engineer, Workover Rep, OS, ALS, and FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.***

2. Displace flowline with fresh water. Have field specialist close valve at header. Pressure line according to the type of line. Buried fiberglass lines will be tested with 300 psi. All polypipe (SDR7 and SDR11) will be tested w/100 psi. All steel lines will be tested w/500 psi. If a leak is found, contact Donnie Ives for repair/replacement. If test is good, bleed off pressure and **open valve** at header. Document this process in the morning report.

3. MI & RU workover unit. Bleed pressure from well, if any. Pump down csg with 8.6 PPG cut brine water, if necessary to kill well. POH LD rods and pump. Remove WH. Install BOP's and test as required. POH and stand back 2-7/8" production tbg. Send rods in for inspection.

4. PU and GIH with 4 ¾" MT bit, and 2-7/8" production tubing to 6350'. Attempt to circulate well clean from 6350' using 8.6 PPG cut brine water, if possible. POH with tbg string and bit. LD bit.

5. MI & RU BakerAtlas WL. GIH w/ CIBP to 6335'. Set 5 ½" CIBP at 6335'. POH. LD setting tool. Pressure test casing, squeeze perfs, and CIBP to 350 psi. **Note: sqz perfs@ 1200', 5206'-5214', and 5612'-5731'.**

6. GIH and conduct GR/Compensated Neutron/CCL log from 5500' up to 3500'. POH. **Note: Fax log to Adam English (687-7558) for correlation and picking perfs.**

7. GIH with 3-1/8" slick casing gun and perforate the following intervals with 1 JSPF at 120 degree phasing using 32 gram premium charges:

   Final Perfs will be selected after evaluating CNL Log.

8. POH. GIH and dump bail 35' of cement on top of CIBP at 6335'. POH RD & release WL. **Note: Use BakerAtlas GR/CNL/CCL Log ran in Step #6 for correlation.**

9. RIH w/ 5-1/2" RBP, 5-1/2" packer, on/off tool, and 2.25" profile on 2-7/8" tbg to 5800'. Set pkr @ 5800'. Test CIBP to 500 psi. Release pkr. PU and set RBP @ 4300'. PU and set pkr @ 3900'.

10. MI & RU DS Services. Pressure annulus to 350 psi and maintain during acid job. Acidize perfs 4000'-4100' with 1,500 gal of 15% NEFE HCl acid* using at a maximum rate **of 6 BPM** and a maximum surface pressure of **4000 psi** as follows:

    Drop ### 1.3 S.G. ball sealers spaced evenly throughout job.

Perfs	Acid Volume	Max Rate
4000'-4100'	1500 gals	6 BPM

    Displace acid with 8.6 PPG cut brine water -- do not over displace. Record ISIP, 5 & 10 minute SIP's. RD and release DS services.

    * Acid system to contain:

1 GPT A264	Corrosion Inhibitor
8 GPT L63	Iron Control Agents
2 PPT A179	Iron Control Aid
20 GPT U66	Mutual Solvent
2 GPT W53	Non-Emulsifier

11. Leave well SI 3 hrs for the acid to spend. Open well and flow/swab back spent treatment fluids. Recover 100% of spent acid and load if possible. Report oil cut, recovered fluid volumes, pressures, and/or swabbing fluid levels. **Note: Test reactivity of recovered acid load while swabbing. If acid is not spent, leave well SI additional time as required.**

12. Release pkr. LD and release RBP. TOH w/ tbg, RBP, and pkr. LD RBP and pkr.

13. RIH w/ 2-7/8" production tubing and TAC. Hang off per ALS recommendation. NDBOP. NUWH. RIH w/ rods and pump per ALS.

14. RD Key PU & RU. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

Engineer – Richard Jenkins
432-687-7120 Office
432-631-3281 Cell

Well Name: L Van Etten #12 **Reservoir:** San Andres **Field:** Eunice Monument

UL-O

Location:	
810' FSL & 2130' FEL	
Section:	9
Township:	20S
Range:	37E
County:	Lea, NM.

Elevations:	
GL:	3542'
DF:	
KB:	

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, WO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

Proposed Tbg Detail:

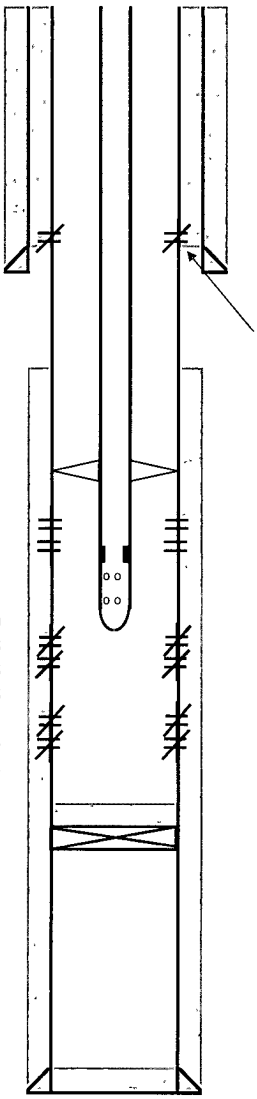
#Jts:	Size:	Footage	
127	Jts. 2 7/8" EUE 8R J-55 Tbg	3937.00	
	2 7/8" x 5 1/2" TAC	2.83	3937.00
4	Jts. 2 7/8" EUE 8R J-55 Tbg	124.00	3939.83
1	Jt. 2 7/8" EUE 8rd J-55 TK-99 IPC Tbg	31.00	4063.83
	2 7/8" Cup Type - Seat Nipple	1.10	4094.83
	2 7/8" Perforated Tubing Sub	4.00	4095.93
	BPMA Jt. 2 7/8" Tbg	32.20	4099.93
132	**Bottom Of String >>**	4132.1	4132.13

CIBP @ 6335' w/ 35' cmt

COTD: 6335'
PBTD: 6335'
TD: 6700'

Updated: 1/29/2008 **By:** rjdg

Proposed



Well ID Info:	
Refno:	FF4980
API No:	30-025-21773
L5/L6:	U938300
Spud Date:	
Compl. Date:	6/7/1966

Interm. Csg: 8-5/8", 24#, J-55
Set: @ 1260' w/ 920 sks
Hole Size: 11"
Circ: Yes
TOC By: Circulation
TOC: Surface

Squeeze Perfs @ 1200'; 250 sxs circ.

TOC @ 2934'

Perfs	Status
4000'-4100'	San Andres - Open

Perfs	Status
5206'-5214'	Paddock - Squeezed

Perfs	Status
5612'-5731'	Blinebry - Squeezed

Perfs	Status
6371'-6555'	Tubb - Open

Prod Csg: 5-1/2", 15.5#, J-55
Set: @ 6700' w/ 549 sks
Hole Size: 7-7/8"
Circ: no
TOC By: T.S.
TOC: 2934'

fee
Oil

Well Name: L Van Etten #12 **Reservoir:** Tubb **Field:** Monument Tubb

Location:
810' FSL & 2130' FEL
Section: 9
Township: 20S
Range: 37E
County: Lea, NM.

Elevations:
GL: 3542'
DF:
KB:

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, WO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

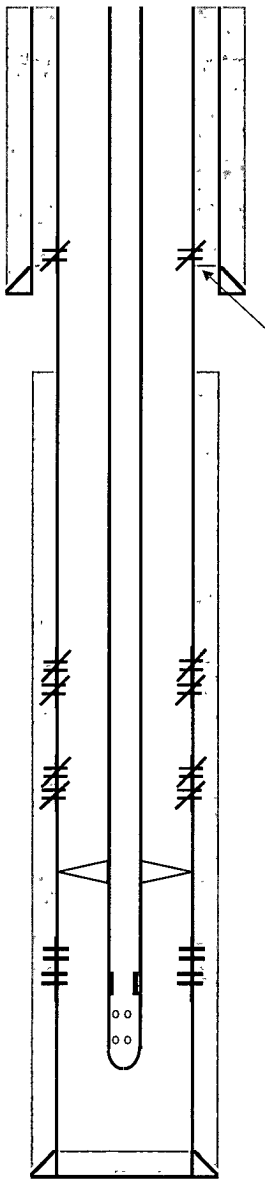
Tbg Detail: as of: 10/2/2006

#Jts:	Size:	Footage
205	Jts. 2 7/8" EUE 8R J-55 Tbg	6267.60
	2 7/8" x 5 1/2" TAC	2.83
9	Jts. 2 7/8" EUE 8R J-55 Tbg	276.06
1	Jt. 2 7/8" EUE 8rd J-55 TK-99 IPC Tbg	31.30
	2 7/8" Cup Type - Seat Nipple	1.10
	2 7/8" Perforated Tubing Sub	4.00
	BPMA Jt. 2 7/8" Tbg	32.20
215	**Bottom Of String >>**	6615.1

COTD: 6674'
PBTD: 6674'
TD: 6700'

Updated: 1/29/2008 **By:** rjdg

Current



Well ID Info:
Refno: FF4980
API No: 30-025-21773
L5/L6: U938300
Spud Date:
Compl. Date: 6/7/1966

Interm. Csg: 8-5/8", 24#
Set: @ 1260' w/ 920 sks
Hole Size: 11"
Circ: Yes
TOC By: Circulation
TOC: Surface

Squeeze Perfs @ 1200'; 250 sxs circ.

TOC @ 2934'

Perfs	Status
5206'-5214'	Paddock - Squeezed

Perfs	Status
5612'-5731'	Blinebry - Squeezed

Perfs	Status
6371'-6555'	Tubb - Open

Prod Csg: 5-1/2", 15.5#
Set: @ 6700' w/ 549 sks
Hole Size: 7-7/8"
Circ: no
TOC By: T.S.
TOC: 2934'