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1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
October 13, 2009

RECEIVED  
FEB 10 2011  
HOBBSOCD  
CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-025-25322 ✓
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator CHEVRON MIDCONTINENT, L.P.		6. State Oil & Gas Lease No.
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705		7. Lease Name or Unit Agreement Name S.E. LONG ✓
4. Well Location Unit Letter J: 1780 feet from the SOUTH line and 1980 feet from the EAST line Section 11 Township 22-S Range 37-E NMPM County LEA		8. Well Number 9 ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 241333
		10. Pool name or Wildcat EUNICE; SAN ANDRES, SOUTH ✓

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 ☐  
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: INTENT TO ADD PERFS IN SAN ANDRES & ACIDIZE

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

CHEVRON MIDCONTINENT, L.P. INTENDS TO ADD PERFS IN THE SAN ANDRES POOL & ACIDIZE.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, WELLBORE DIAGRAMS, & C-144 INFO.

Spud Date:

Rig Release Date:

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

SIGNATURE

*Denise Pinkerton*

TITLE

REGULATORY SPECIALIST

DATE 02-09-2011

Type or print name DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

**For State Use Only**

PETROLEUM ENGINEER

APPROVED BY:

*[Signature]*

TITLE

DATE

FEB 11 2011

Conditions of Approval (if any):

S. E. Long # 9

Eunice South; SA Field

T22S, R37E, Section 11

Job: Add Perfs In San Andres Formation And Acidize

Procedure: (Revised: 2/3/2011)

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 1/25/2011. 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/1000 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. **Note: Prior to performing this step of the procedure, ensure that all valves, pipe, and fittings that will be exposed to test pressure are rated higher than the planned test pressure.**
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 with rods, plunger, and SV. Remove WH. Install BOP's. Release TAC and LD 1 joint of 2 3/8" tbg. PU and GIH 30' with 4 1/2" pkr. Set pkr and test BOP's to 250 psi (low) and to 1000 psi (high). Release pkr. POH LD 1 joint tbg and pkr.
4. Release TAC. POH with 2 3/8" tbg string scanalogging 2 3/8" tbg while POH. LD all except yellow band tubing.
5. PU and GIH with 3 7/8" MT bit and 2 3/8" 4.7# EUE 8R L-80 work string to PBTD at 4965'. POH with work string and bit. LD bit. **Note: Report any tight spots in Daily Report. If fill is tagged above 4300', consult with Remedial Engineer for cleanout options.**
6. MI & RU Baker Atlas electric line unit. Install lubricator and test to 2000 psi. GIH with 3 3/8" RHSC Gunslinger casing guns (0.42" EH & 47" penetration) and perforate from 4048-54', 4082-88', 4120-26', 4182-88', 4256-62', 4298-4308', and 4664-74' with 4 JSPF at 120 degree phasing, using 25 gram premium charges. POH. RD & release electric line unit. **Note: Notify Baker Atlas 5 days prior to upcoming job. Also, use casing collars from Apollo GR-CCL Log dated 10/30/1997 for depth correction.**
7. PU and GIH w/ 5 1/2" PPI pkr (with 12' element spacing) and SCV on 2 3/8" work string to approximately 3700'. Set pkr and test casing and pkr to 500 psi. Continue GIH to approximately 4674'. Test tbg to 5500 psi while GIH.

8. MI & RU Schlumberger Services. Acidize perfs 3791-4674' with 3,200 gals anti-sludge 15% HCl acid \* at a maximum rate **as shown below** and a maximum surface treating pressure of **3500 psi**. Spot acid across perfs at beginning of each stage and let soak to lower breakdown pressure and prevent communication. Pump job as follows:

Interval	Amt. Acid	Max Rate	PPI Setting
4664-74'	200 gals	½ BPM	4663-75'
4298-4308'	200 gals	½ BPM	4297-4309'
4256-62'	200 gals	½ BPM	4254-66'
4182-88'	200 gals	½ BPM	4180-92'
4120-26'	200 gals	½ BPM	4118-30'
4082-88'	200 gals	½ BPM	4080-92'
4048-54'	200 gals	½ BPM	4046-58'
4014-24'	200 gals	½ BPM	4013-25'
4004-10'	200 gals	½ BPM	4000-12'
3992-97'	200 gals	½ BPM	3988-4000'
3972-84'	200 gals	½ BPM	3971.5-83.5'
3936-55'	200 gals	½ BPM	3935.5-47.5'
3911-17'	200 gals	½ BPM	3910-22'
3892-3900'	200 gals	½ BPM	3890-3902'
3836-40'	200 gals	½ BPM	3834-46'
3791-3800'	200 gals	½ BPM	3790-3802'

Displace acid with 8.6 PPG cut brine water -- do not overdisplace. Use a SCV to control displacement fluid. Record ISIP, 5 & 10 minute SIP's. RD and release DS services. **Note:** Pickle tubing in 1 run of 500 gals acid, prior to acidizing perfs. Pickle acid is to contain only 1/2 gal A264 and 1 gal W53. Also, if communication occurs during treatment of any interval, monitor casing pressure and attempt to complete stage w/o exceeding 500 psi csg pressure. If cannot, then move PPI to next setting depth and combine treatment volumes of the intervals.

\* Acid system is to contain:

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

9. Release PPI pkr and PUH to 3750'. Set pkr at 3750'. Fish SCV. GIH and swab back all intervals together. Recover 100% of treatment and load volumes before shutting well in for night, if possible. Report recovered fluid volumes, cuts, pressures, amount gas, and swabbing fluid levels on an hourly basis.
10. Open well. Release PPI pkr. POH with work string and PPI packer. LD PPI pkr.

11. PU & GIH with 4 ½" pkr and RBP on 2 3/8" work string to 4700'. Set RBP at 4700' and pressure test to 1000 psi. PUH and set pkr at 4640'. GIH and swab perfs 4664-74' until fluid level and fluid recovery rate stabilize. **Note: Swab for a minimum of 3 hours on each pkr/RBP setting. Report recovered fluid volumes, cuts, pressures, amount gas, and swabbing fluid levels on an hourly basis. Discuss swab results with Engineering (Mike Howell) before moving to the next setting.**
12. Release pkr. Lower down and engage RBP at 4700'. Release RBP. PUH and reset RBP at 4325' and test to 1000 psi. PUH and set pkr at 4280'. GIH and swab perfs 4298-4308' until fluid level and fluid recovery rate stabilize. **Note: Swab for a minimum of 3 hours on each pkr/RBP setting. Report recovered fluid volumes, cuts, pressures, amount gas, and swabbing fluid levels on an hourly basis. Discuss swab results with Engineering (Mike Howell) before moving to the next setting.**
13. Release pkr. Lower down and engage RBP at 4325'. Release RBP. PUH and reset RBP at 4280' and test to 1000 psi. PUH and set pkr at 4240'. GIH and swab perfs 4256-62' until fluid level and fluid recovery rate stabilize. **Note: Swab for a minimum of 3 hours on each pkr/RBP setting. Report recovered fluid volumes, cuts, pressures, amount gas, and swabbing fluid levels on an hourly basis. Discuss swab results with Engineering (Mike Howell) before moving to the next setting.**
14. Release pkr. Lower down and engage RBP at 4280'. Release RBP. PUH and reset RBP at 4220' and test to 1000 psi. PUH and set pkr at 4160'. GIH and swab perfs 4182-88' until fluid level and fluid recovery rate stabilize. **Note: Swab for a minimum of 3 hours on each pkr/RBP setting. Report recovered fluid volumes, cuts, pressures, amount gas, and swabbing fluid levels on an hourly basis. Discuss swab results with Engineering (Mike Howell) before moving to the next setting.**
15. Release pkr. Lower down and engage RBP at 4220'. Release RBP. PUH and reset RBP at 4150' and test to 1000 psi. PUH and set pkr at 4100'. GIH and swab perfs 4120-26' until fluid level and fluid recovery rate stabilize. **Note: Swab for a minimum of 3 hours on each pkr/RBP setting. Report recovered fluid volumes, cuts, pressures, amount gas, and swabbing fluid levels on an hourly basis. Discuss swab results with Engineering (Mike Howell) before moving to the next setting.**
16. Release pkr. Lower down and engage RBP at 4150'. Release RBP. PUH and reset RBP at 4110' and test to 1000 psi. PUH and set pkr at 4070'. GIH and swab perfs 4082-88' until fluid level and fluid recovery rate stabilize. **Note: Swab for a minimum of 3 hours on each pkr/RBP setting. Report recovered fluid volumes, cuts, pressures, amount gas, and swabbing fluid levels on an hourly basis. Discuss swab results with Engineering (Mike Howell) before moving to the next setting.**
17. Release pkr. Lower down and engage RBP at 4110'. Release RBP. PUH and reset RBP at 4070' and test to 1000 psi. PUH and set pkr at 4035'. GIH and swab perfs 4048-54' until fluid level and fluid recovery rate stabilize. **Note: Swab for a minimum of 3 hours on each pkr/RBP setting. Report recovered fluid volumes, cuts, pressures, amount gas, and**

**swabbing fluid levels on an hourly basis. Discuss swab results with Engineering (Mike Howell) before moving to the next setting.**

- 18. Release pkr. Lower down and engage RBP at 4070'. Release RBP. PUH and reset RBP at 4035' and test to 1000 psi. PUH and set pkr at 3775'. GIH and swab perfs 3791-4024' until fluid level and fluid recovery rate stabilize. Note: Swab for a minimum of 3 hours on each pkr/RBP setting. Report recovered fluid volumes, cuts, pressures, amount gas, and swabbing fluid levels on an hourly basis. Discuss swab results with Engineering. If action is required to eliminate water producing zones, Engineering (Mike Howell) will furnish additional procedures.**
19. Release pkr. Lower down and engage RBP at 4035'. Release RBP. POH LD 2 3/8" work string, pkr, and RBP.
20. PU and GIH w/ 2 3/8" x 4' perforated sub, SN, 1.75" ID Tbg Pump, 2 3/8" x 2' tbg sub, 28 jts 2 3/8" EUE 8R J-55 tbg, TAC, and 120 jts 2 3/8" EUE 8R J-55 tbg, testing to 5000 psi. Set TAC at 3735', with EOT at 4710' and SN at 4705'. Contact ALCR to confirm setting depths.
21. Remove BOP's and install WH. GIH with rods, weight bars, and pump per ALCR recommended design. RD & release pulling unit.
22. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

1/27/2011

Well: **S. E. Long # 9**Field: **Eunice South; SA**Reservoir: **San Andres****Location:**

1780' FSL & 1980' FEL  
 Section: 11 Unit Letter: J  
 Township: 22S  
 Range: 37E  
 County: Lea State: NM

**Elevations:**

KB: 3365'  
 DF: 3364'  
 GL: 3351'

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.

**Tubing Detail:**

#Jts:	Size:	Footage
	KB Correction	14.00
120	Jts. 2 3/8" EUE 8R J-55 Tbg	3797.90
	TAC	2.90
9	Jts. 2 3/8" EUE 8R J-55 Tbg	284.28
	2 3/8" x 2" Tbg Sub	2.00
	1.75" ID Tbg Pump Barrel	19.50
	SN	1.00
	2 3/8" x 4" Perf Tbg Sub	4.12
129	Bottom Of String >>	4125.70

**CIBP @ 5000'**  
 (35' cmt on top)

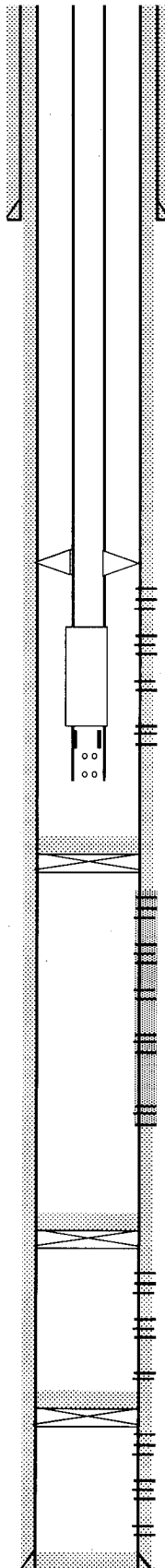
**CIBP @ 6700'**  
 (35' cmt on top)

**CIBP @ 7060'**  
 (10' cmt on top)

COTD: 4965'  
 PBTD: 4965'  
 TD: 7350'

Updated: 1/25/2011

**Current**  
**Wellbore Diagram**



By: MAHO

**Well ID Info:**

Chevno: EP1386  
 API No: 30-025-25322  
 L5/L6: BCLC60500  
 Spud Date: 9/28/1976  
 Compl. Date: 11/6/1976

**Surf. Csg:** 8 5/8", 24#, S-80  
**Set:** @ 1200' w/ 700 sks  
**Hole Size:** 12 1/4"  
**Circ:** Yes **TOC:** Surface  
**TOC By:** Circulated

Perfs:	Status:
3791-3800'	San Andres - Open
3836-40'	San Andres - Open
3892-3900'	San Andres - Open
3911-17'	San Andres - Open
3936-55'	San Andres - Open
3972-84'	San Andres - Open
3992-97'	San Andres - Open
4004-10'	San Andres - Open
4014-24'	San Andres - Open

Perfs:		Status:
5043-47'	5111'	Paddock - Cmt Sqzd
5049'	5113'	Paddock - Cmt Sqzd
5051'	5117'	Paddock - Cmt Sqzd
5057-59'	5120'	Paddock - Cmt Sqzd
5062'	5125'	Paddock - Cmt Sqzd
5076'	5128'	Paddock - Cmt Sqzd
5090'	5136'	Paddock - Cmt Sqzd
5095'	5138'	Paddock - Cmt Sqzd
5098'	5140-42'	Paddock - Cmt Sqzd
5101'	5153-55'	Paddock - Cmt Sqzd
5103-05'	5157'	Paddock - Cmt Sqzd
5109'	5159'	Paddock - Cmt Sqzd

Abo Perfs	
6752-56'	6842-48'
6762-78'	6854-56'
6784-98'	6872-74'
6802-10'	6900-02'
6826-28'	6908-10'

Granite Wash Perfs			
7101'	7138'	7158'	7171'
7104'	7144'	7160'	7174'
7106'	7148'	7161'	7176'
7110'	7150'	7165'	7179'
7122'	7152'	7167'	7182'
7128'	7155'	7168'	7184'
			7196'

**Prod. Csg:** 4 1/2", 11.60#, J-55  
**Set:** @ 7350' w/ 3200 sks  
**Hole Size:** 7 7/8"  
**Circ:** Yes **TOC:** Surface  
**TOC By:** Circulated

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148	Bottom Of String >>	4709.42

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 (35' cmt on top)

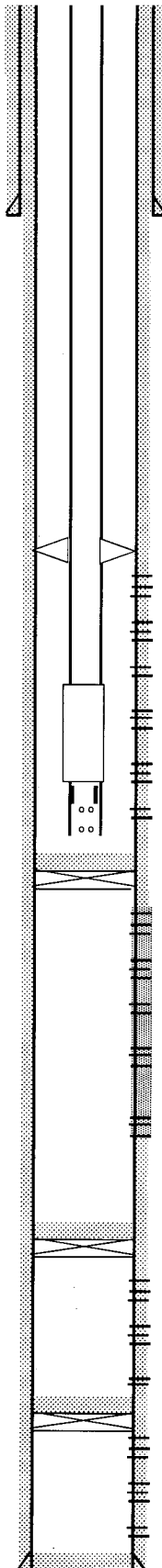
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 (10' cmt on top)

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Updated: 1/25/2011

**Proposed**  
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5076'	5128' Paddock - Cmt Sqzd
5090'	5136' Paddock - Cmt Sqzd
5095'	5138' Paddock - Cmt Sqzd
5098'	5140-42' Paddock - Cmt Sqzd
5101'	5153-55' Paddock - Cmt Sqzd
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