Submit 1 Copy 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

HOBBS OCD
MAY 01 2012
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State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
October 13, 2009

WELL API NO. 30-025-38850	
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No.	
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	7. Lease Name or Unit Agreement Name R.R. SIMS A
	8. Well Number 10
2. Name of Operator CHEVRON U.S.A. INC.	9. OGRID Number 4323
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705	10. Pool name or Wildcat LANGLIE MATTIX 7 RV QN G/B
4. Well Location Unit Letter N: 990 feet from the SOUTH line and 1430 feet from the WEST line Section 4 Township 23S Range 37E NMPM County LEA	
[redacted]	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* [redacted]

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: INTENT TO ACIDIZE & SCALE SQUEEZE		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 U.S.A. INC. INTENDS TO ACIDIZE & SCALE SQUEEZE THE SUBJECT WELL.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, WELLBORE DIAGRAM, & C-144 INFORMATION.

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 04-30-2012

Type or print name DENISE PINKERTON E-mail address: leakejd@chevron.com PHONE: 432-687-7375

For State Use Only

APPROVED BY: TITLE DATE 5-2-2012

Conditions of Approval (if any):

MAY 02 2012

RR Sims 'A' #10 **3.28.2012**
32° 19' 44.35" N 103° 10' 18.84" W
FLD-Langlie Mattix North
Unit Letter N, T23S, R37E, Section 4
Job: Sonic Hammer, Acidize & Scale Squeeze

This procedure is meant to be followed. It is up to the WSM, Remedial Engineer and Production Engineer to make the decisions necessary to do SAFELY what is best for the well. In the extent that this procedure does not reflect actual operations, please contact RE, PE and Superintendent for possible MOC.

1. Review rig move checklist. Check road, anchors and pad location ahead of time.

2. Verify that well does not have pressure or flow. If well has pressure, note tubing and casing pressures on wellview report. Bleed down well; if necessary, kill with cut brine fluid (8.6 ppg).

   - **Caliper elevators and tubular EACH DAY prior to handling tubing/tools. Note in JSA when and what items are callipered within the task step that includes that work.**

3. MI & RU workover unit.

4. Unseat pump, POOH with rods and pump. Examine rods for wear/pitting/paraffin. Do not hot water unless necessary. ND wellhead, unset TAC, NU BOP. POOH and LD 1 jt, PU 5-1/2" packer and set ~ @ 25', test BOP pipe rams to 250 psi/500 psi. Note testing pressures on wellview report. Release and LD packer.

   Note: Prior to ND WH, e-mail or call Remedial Engineer to discuss what we did to mitigate the well control hazard.

5. PU additional tubing and tag for fill (TAC 3,616', Bottom Perfs 3,959', EOT 4,192', PBTD 4,249'). POOH while scanning 2-7/8" prod tubing. LD all non-yellow band joints. If fill is tagged:
   A. Above 3,959' continue to step 6.
   B. Below 3,959' skip to step 8.

   Note: Strap pipe out of the hole to verify depths and note them on wellview report.
   Send scan log report to hccf@chevron.com.

   - **Caliper elevators and tubular EACH DAY prior to handling tubing/tools. Note in JSA when and what items are callipered within the task step that includes that work.**

6. PU and RIH with 4-3/4"' MT bit, 4 (3-1/2") drill collars on 2-7/8" 6.5# L-80 WS. RU power swivel and clean out to PBTD at 4,249'. POOH with 2-7/8" WS and bit. LD bit & BHA.
   Note: If circulation is not expected, notify Remedial Engineer to discuss CO with bailer (continue to step 7) or foam/air unit (continue to supplemental procedure on back).

7. PU and RIH with 4-3/4" MT and Bulldog bailer on 2-7/8" 6.5# L-80 WS. Clean out to PBTD at 4,249'. POOH with 2-7/8" WS and bit. LD bit & BHA.

   - **Expect trapped pressure inside tubing while breaking connections during bailing operations, discuss on JSA and mitigate hazard. Use mudbucket (remove bottom seals if applicable) while breaking connections.**

8. Contact sonic tool rep to be on site during job. PU and RIH with Sonic Hammer tool and work string to 3,960' or enough to cover the bottom perforations with a whole stand. Hydrotest tubing to 6,000 psi. Stand back tubing to top perforations. Install stripper head and stand pipe with sufficient treating line to move tools vertically ~ 65'. Rig up pressure gauges to allow monitoring of tubing and casing pressures.

9. MI & RU Petroplex. Wash all intervals from 3,716' to 3,959' with 20 bbls of 8.6 ppg cut brine water per interval (refer to Table A). Pump down Sonic Hammer tool at 5 BPM while reciprocating tool across intervals. Do not exceed 5,000 psi tubing pressure. Leave annulus open in circulation mode while treating intervals with brine water.

10. Follow the brine water wash with 2,500 gals 15% NEFE HCl of total acid for all intervals.
    Spot 3 bbls of acid outside tubing, shut in casing, pump 600 gallons of acid @ 5 BPM over first treating interval from 3,716' – 3,772', monitor casing pressure not exceeding 500 psi.
    Flush tubing with brine water after every acidized interval, make a connection and continue with remaining interval. Refer to Table A.

Interval	Depth	Interval Depth (Ft.)	Acid Volume (gal)
1	3,716'-3,772'	56	700
2	3,781'-3,839'	58	700
3	3,842'-3,881'	39	500
4	3,909'-3,959'	50	600
			2500

Table A Perforation Intervals for Acid.

11. Shut in well for 1 hr for the acid to spend. Monitor casing pressure to keep it below 500 psi. Bleed off excess pressure if necessary.

12. Continue moving uphole with Sonic Hammer pumping at 5 BPM with a total of 220 bbls 8.6 ppg brine water containing 3 drums (165 gallons) Baker SCW-358 Scale Inhibitor Chemical. Ensure top of tubing is flushed with water before making a connection. Refer to Table B. RD and release Petroplex pump truck.

Interval	Depth	Interval Depth (Ft.)	Brine Water Volume (bbls)	SCW-358 Volume (gal)
1	3,909'-3,959'	50	60	45
2	3,842'-3,881'	39	40	30
3	3,781'-3,839'	58	60	45
4	3,716'-3,772'	56	60	45
		Totals	220	165

Table B Perforation Intervals for Scale Squeeze.

13. Ensure Sonic Hammer is above all perforations. SI backside. Pump 100 bbls 8.6 PPG cut brine water to scale squeeze well. Do not exceed 500 psi casing pressure or 5 BPM while pumping scale squeeze or casing flush.

14. Run back in the hole and tag for fill. If fill entry was indentified @ 3,959' or above, clean-out to PBTD (4,249') following steps 6 or 7.

15. POOH & LD 2-7/8" WS and Sonic Hammer tool

16. RIH with 2-7/8" production tubing hydrotesting to 6,000 psi. Set TAC per ALCR recommendation. ND BOP. NU WH.

    Note: Prior to ND BOP, e-mail or call Remedial Engineer to discuss what we did to mitigate the well control hazard.

17. RIH with rods and pump per ALCR. Hang well on. RD and release workover unit.

18. *Turn well over to production (contacts below).*

Contacts:

		Office	Cell
Technical Team Leader:	Denise Wann	432-687-7380	432-238-4238
Production Engineer:	Jason Lambright	432-687-7346	432-894-5789
Remedial Engineer:	Hector Cantu	432-687-7949	432-557-1464
Geology:	Malcolm Rowland	432-687-7807	
Operations:	Bobby Hill	575-394-1245	575-631-9108
	Danny Lovell	575-394-1242	575-390-0866
	Clarence Fite	575-394-1222	575-631-9084
Peak Completions:	Randy Good		575-631-7543
Schlumberger:	Hobbs Office	575-393-6186	
Baker Petrolite:	Dexter Nichols		575-390-4356
Petroplex:	Robert Denny	432-563-1299	575-390-4510
Sonic Hammer	John Ridge		575-631-9381

FOAM / AIR CLEANOUT PROCEDURE

- This procedure is an addition to the original procedure.

1. Install flowback manifold with two chokes. All components on flowback manifold must be rated to at least 5,000 psi. If possible, flowback manifold components should be hydrotested before delivery. Hardline pipes from 2" casing valve to manifold to half pit with gas buster.
2. Install flowback tank downwind from rig.
3. Position Air unit upwind from Rig next to water tanks. Have vacuum truck on standby to empty halfpit. (if needed)
4. RIH with 4-3/4' MT bit, bit sub (bore for float with dart-type float), 4 (3-1/2") drill collars on 2-7/8" 6.5# L-80 WS.
5. NU stripper head with **NO Outlets** (Check stripper cap for thread type - course threads preferred). **Stripper head to be stump tested to 1,000 psi before being delivered to rig.** Check chart or test at rig.
6. RU foam air unit. Make quality foam on surface before going down hole with foam/air. Install flapper float at surface before beginning to pump. Break circulation with foam/air. Evacuate fluid from well.

Pump high quality foam at all times. Do not pump dry air at any time. Fluid injection rates will generally be above 12 gallons per minute

Whenever there is pressure on the stripper head, have a dedicated person continuously monitor pressure at choke manifold and have a dedicated person at accumulator ready to close annular BOP in case stripper leaks. Do not allow pressure on stripper head to exceed 500 psi. If pressure cannot be controlled below 500 psi, stop pumping, close BOP and bleed off pressure.

7. Clean out fill to 4,249' maintain circulation at optimum rate, allowing fill to clear bit before continuing to clean downhole, always keep pipe moving. Short trips can be beneficial to hole cleaning. Circulate well clean for at least 1 hour at the end of the day and pull up above the perforations before shut down for night. If the foam/air unit goes down, pull above the perforations.

8. When tripping out of hole, have special float bleed off tool available to relieve trapped pressure below float.

Ensure that high quality, stiff foam is pumped while circulating the fill. Stiff foam is required to prevent segregation while circulating. Monitor flow and pressures carefully when cleaning out.

Before rigging up power swivel to rotate, carefully inspect Kelly hose to ensure that it is in good condition. Ensure that swivel packing is in good condition.

Continue to step 8.

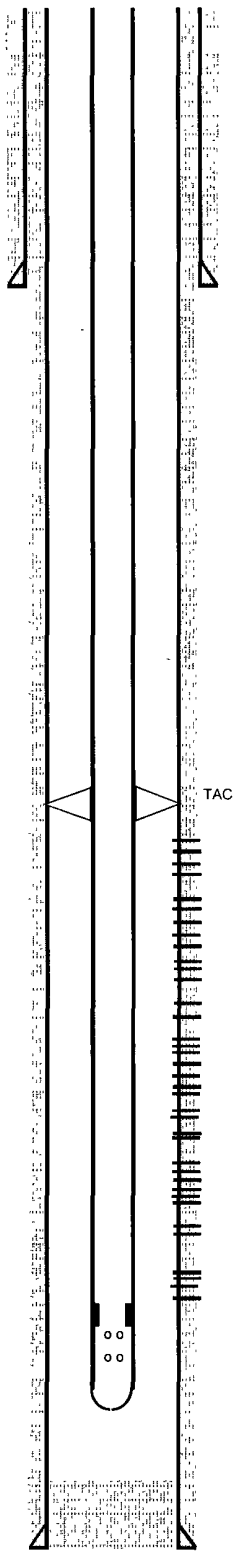
Well **RR Sims A #10** Field **Langlie Mattix** Reservoir **7 Rvrs-Queen-Grayburg**

Location:
990' FSL & 1430' FWL
Section 4 Unit Letter N
Township 23S
Range 37E
County: Lea State NM

Elevations:
KB 3328'
GL 3321'

Current Wellbore Diagram

Well ID Info:
Chevno LE5463
API No 30-025-38850
L5/L6 UCMK90100
WBS. UWDPS-D8522
Spud Date 9/23/2008
Compl Date 10/17/2008



Surf. Csg: 8 5/8", 24#, J-55
Set: @ 1221' w/ 675 sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: 330 sks circ to surface

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	7 00
117	Jts 2 7/8" EUE 8R J-55 Tbg	3608 65
	TAC	2 80
14	Jts 2 7/8" EUE 8R J-55 Tbg	440 73
1	Jt 2 7/8" EUE 8R J-55 IPC Tbg	32 20
1	Jt 2 7/8" EUE 8R J-55 IPC Tbg (sub)	12 00
	SN	1 10
1	2 7/8" x 4' Tbg Sub	4 00
1	2-7/8 slotted joint	20 18
2	Jt 2 7/8" EUE 8R J-55 Tbg	62 30
	Bull Plug	0 75
137	**Bottom Of String >>**	**4191.71**

Rod Detail:

#Jts:	Size:	Footage
1	1-1/2" Polished Rod	26 00
1	1" Pony Rod	2 00
1	1" Pony Rod	4 00
66	1" Sucker Rod	2157 40
88	7/8" Sucker Rod	1500 00
15	1-1/2" Sinker Bar	375 00
1	1" Pony Rod (guided sub)	4 00
1	Rod Pump 1-3/4"	40 00
174	**Lenght >>**	**4108.40**

Perfs:	Status:
3716'-21'	Grayburg - Open 4 spf
3724'-26'	Grayburg - Open 4 spf
3738'-47'	Grayburg - Open 4 spf
3766'-72'	Grayburg - Open 4 spf
3781'-90'	Grayburg - Open 4 spf
3814'-23'	Grayburg - Open 4 spf
3830'-39'	Grayburg - Open 4 spf
3842'-50	Grayburg - Open 4 spf
3855-58'	Grayburg - Open 4 spf
3862'-71'	Grayburg - Open 4 spf
3876'-81'	Grayburg - Open 4 spf
3909'-18'	Grayburg - Open 4 spf
3926'-30'	Grayburg - Open 4 spf
3935'-44'	Grayburg - Open 4 spf
3950'-59'	Grayburg - Open 4 spf

3-3/8" RHSC Gunslinger (0 42" EH & 47" Penetration)
Ran 10/16/2008

PBTD: 4249'
TD: 4293'

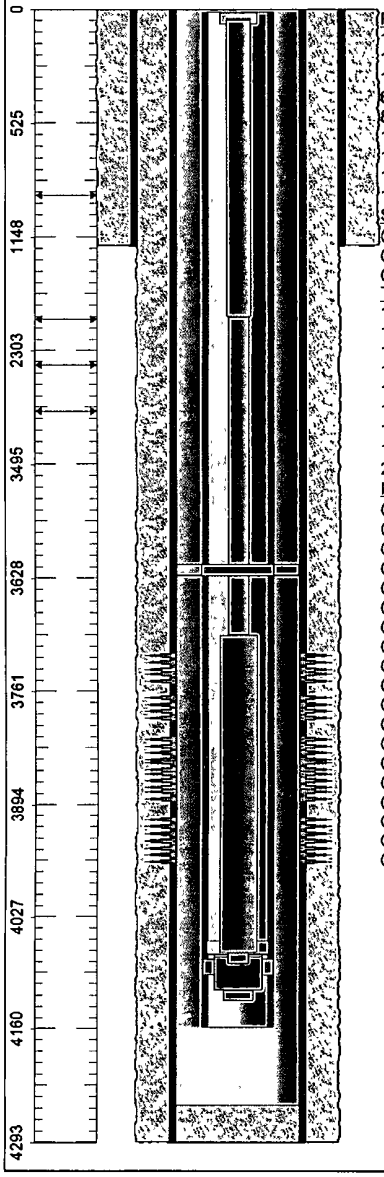
Updated: 3/27/2012

By: KFJK

Prod. Csg: 5 1/2", 15 50#, J-55
Set: @ 4293' w/ 900 sks
Hole Size: 7 7/8"
Circ: Yes **TOC:** 120'
TOC By: CBL ran 10/16/2008

Chevron U.S.A. Inc. Wellbore Diagram : SIMSRRA10G

[Lease] OEU EUNICE FMT [Well No.] SIMS, R R -A- 10G [Field] FLD-LANGLIE MATTIX NORTH
[Location] 990FSL1430FWL [Sec.] N/A [Blk] _____ [Survey] N/A
[County] Lea [St.] New Mexico [Refno] LE5463 [API] 3002538850 [Cost Center] UCMK90100
[Section] _____ [Township] N/A [Range] N/A
[Current Status] ACTIVE [Dead Man Anchors Test Date] NONE
[Directions] _____



Rod String Quantity (Top-Bottom Depth) Desc
1 @(12-38) 1.500 (1 1/2 in.) Spray Metal x 26
1 @(38-40) 1.000 (1 in.) N-90 (D) x 2 Rod Sub - N/A
1 @(40-44) 1.000 (1 in.) N-90 (D) x 4 Rod Sub
66 @(44-1694) 1.000 (1 in.) N-90 (D) x 25 Rod
80 @(1694-3694) 0.875 (7/8 in.) N-90 (D) x 25 Rod
15 @(3694-4069) 1.500 (1 1/2 in.) K x 25 Sinker Bar
1 @(4069-4073) Rod Guide (Coupling) 0.875" Guided Pony W/3/4" Pins
1 @(4073-4113) Rod Pump (Insert) (NON-SERIALIZED) - 25-175-RHBC-40-5 (Bore = 1.75)
1 @(4113-4114) Strainer Nipple 1.250 OD x 1 0'

Surface Casing (Top-Bottom Depth) Desc
@(0-1211) J-55 8.625 OD/ 24.00# Round Short 8 097 ID 7.972 Drift
@(0-1211) Wellbore Hole OD-11.0000
@(0-1211) Cement, 675 Sx to Surface

Tubing String Quantity (Top-Bottom Depth) Desc
1 @(3612-3615) Tubing Anchor/Catcher 5.500"
117 @(12-3621) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347
14 @(3615-4056) J-55 2 875 OD/ 6.50# T&C External Upset 2.441 ID 2.347
1 @(4071-4072) Seat Nipple - Heavy Duty (2 875") Cup Type
1 @(4072-4076) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2 347
1 @(4056-4088) Blast Joint 2.875 OD, TK-99 IPC
1 @(4076-4096) Cavins Desander (Sand Separator) 2 7/8" x 20'
1 @(4088-4100) Blast Joint 2.875 OD, TK-99 IPC Sub
2 @(4096-4158) J-55 2.875 OD/ 6.50# T&C External Upset 2 441 ID 2 347

Production Casing (Top-Bottom Depth) Desc
@(3716-3721) Perforations, Grayburg
@(3724-3726) Perforations, Grayburg
@(3738-3747) Perforations, Grayburg
@(3766-3772) Perforations, Grayburg
@(3781-3790) Perforations, Grayburg
@(3814-3823) Perforations, Grayburg
@(3830-3839) Perforations, Grayburg
@(3842-3850) Perforations, Grayburg
@(3855-3858) Perforations, Grayburg
@(3862-3871) Perforations, Grayburg
@(3876-3881) Perforations, Grayburg
@(3909-3918) Perforations, Grayburg
@(3926-3930) Perforations, Grayburg
@(3935-3944) Perforations, Grayburg
@(3950-3959) Perforations, Grayburg
@(0-4293) J-55 5.500 OD/ 15.50# Round Long 4 950 ID 4 825 Drift
@(1211-4293) Wellbore Hole OD- 7.8750
@(4249-4293) Plug Back-Cement
@(0-4293) Cement, 900 Sx to Surface

[Ground Elevation (MSL):] 3321.00 [Spud Date] 09/23/2008 [Compl. Date] 10/29/2008
[Well Depth Datum:] CSI0000N [Elevation (MSL):] 0.00 [Correction Factor] 12.00
[Last Updated by] jtmk [Date] 05/30/2009
[null] null [null] null