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

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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. 30-025-40061	
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)	7. Lease Name or Unit Agreement Name NEW MEXICO 'R' NCT-4
1. Type of Well: Oil Well ☒ Gas Well ☐ Other	8. Well Number 4
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 VACUUM; BLINEBRY
4. Well Location Unit Letter I: 990 feet from the NORTH line and 1200 feet from the WEST line Section 7 Township 18-S Range 35-E NMPM County LEA	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3979'

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 FRAC STIMULATE		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 FRACTURE STIMULATE THE SUBJECT WELL.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, WELLBORE DIAGRAM, & 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 02-16-2012

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

APPROVED BY: TITLE DATE 2-20-2012
Conditions of Approval (if any):

FEB 20 2012

New Mexico State "R" NCT-4 No. 4
API No. 30-025-40061
Vacuum (Blinebry) Field
Lea County, NM

Re-Frac Completion Procedure

Note: Inspect and caliper all elevators at the beginning of everyday and when tbg/rod sizes change and note in JSA.

1. NU Vetco 10M frac adapter, Guardian's 10M Frac valve, & Guardian's 10M goat head (frac header). Note that no tree saver is required with this wellhead system. Bleed pressure from braden head valves (if there is any pressure) and load surface/intermediate braden head valves with FW. Ensure that production casing was displaced with FW. Load production casing with FW & pressure test production casing from goat head to 6200 psi (80% of burst) prior to perforating.

    a. POOH w/rods (send to yard or get them off location)

    b. NU BOP, test to1000/250.

    c. POH w/ tbg Standing back

    d. PU RBP on prod tbg and set at 5650' POH

    e. PU 2nd RBP set @ ~1500' POH w/ tbg

    f. Strip off BOP & Install frac sleeve & 10K frac valve & 10K BOP w/ tbg rams

    g. GIH w/ rtvg tool latch and pull top RBP

    h. RU B1 flange on top of stack, Test and chart casing to 6200 psi for 30 min

    i. Remove B1. GIH w/ rtvg tool latch RBP @ 5650' and POH LD tbg and send to yard (get it off location)

    j. Close the frac valve. Strip off BOP.

    k. Install 2nd frac valve and goat head test and chart to 6200 psi for 30 min

    l. Bleed off pressure close 2nd frac valve and RD and MO.

Note

2. Rig up mast unit & wireline unit.

3. RU lubricator & RIH with perf gun and perforate the Blinebry pay as follows: 6008'-12', 5950'-54', 5944'-48', 5920'-24', 5870'-74', 5825'-29', 5791'-95', 5769'-73', 5675'-79', 5742'-46' and 5664'-68'. Perforate at 1 JSPF, 60 degree phasing, 0.42" EHD, and 24.5" penetration.

4. Rig down wireline truck.

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5. Set frac tanks according to Schlumberger fluid requirement and fill with fresh water. WSM verify FW & tank requirement.

6. Rig up Schlumberger frac/acid equipment.

7. Acidize Blinebry perfs (spearhead) down the 5-1/2" production casing with 3,500 gallons 15% NEFE HCl. Pump acid at 8-10 BPM. Drop 50% excess 7/8" 1.18 S.G. bio-ball sealers for diversion. Anticipated pressure = 3,000 psi; Maximum pressure = 6,200 psi. Bio-ball sealers must be used to ensure that all perfs are open for the frac.

8. Frac Blinebry perfs with 96,000 gallons 30# gel and 94,000 lb 20-40 sand and 48,000 lb 20-40 resin coated sand as follows, referring to the Frac Procedure for additional details.

   a. 40,000 gallon gel pad

   b. 12,000 gallons gel w/ 1 ppg 20-40 sand

   c. 14,000 gallons gel w/ 2 ppg 20-40 sand

   d. 18,000 gallons gel w/ 3 ppg 20-40 sand

   e. 12,000 gallons gel w/ 4 ppg 20-40 resin coated sand

   h. Displace to top perf with gel.

   Rate = 40 BPM. Anticipated pressure = 3,100 psi. Maximum pressure = 6,200 psi. Ensure that surface casing valves are open and monitored while the frac is being pumped. Watch for communication between the 5-1/2" casing and other casing strings.

   ENSURE THAT SCHLUMBERGER PUMPS SCALE INHIBITING CHEMICALS DURING THE FRAC

9. Rig down frac crew and equipment.

10. Shut frac valve, bleed pressure from goat head, & ND goat head.

11. NU 10K B-1 adapter on top of 10K frac valve

12. RU flowback and equipment to 10K B-1 adapter. Shut well in for +/- 8 hours to allow resin coated sand to set up. Open well and commence flow back. Note flow back details in Wellview. Ensure 2 man flowback crew is used. Flowback at a rate of ~40 bph for the first 48 hrs to ensure that gelled frac fluid has broken down and will not carry sand into the wellbore. Note flowback details (including and sand recovered) in wellview.

13. Once flow back is complete, close frac valve & ND B-1 adapter & flow back equipment.

14. RU WL unit & lubricator on top of 10K frac valve.

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Lea County, NM

15. Set first wireline conveyed, tubing retrievable bridge plug 50' above top perf. Set second wireline conveyed, tubing retrievable bridge plug @ +/- 1500'. Ensure that plugs can be equalized before release. RDMO WL unit.

16. ND frac valve.

17. NU QCS tubing head B-1 adapter w/ needle valve and pressure gauge.

WITH RIG

18. Rig up pulling unit.

19. Check pressure on well – well should be dead due to the wireline conveyed, tubing retrievable plugs in the hole. Bleed pressure if necessary.

20. ND B-1 adapter & NU 5M hydraulic BOP. PU one joint 2-7/8" 6.5# J55 8RD EUE production tubing & 5-1/2" packer. Set packer @ 30'. Test pipe rams to 250 psi low / 1000 psi high for 10 minutes each. LD test joint and packer.

21. TIH w/ production tubing and retrieve both wireline conveyed tubing retrievable bridge plugs. Stand production tubing back on each trip. LD plugs.

22. TIH w/ 4-3/4" bit on 2-7/8" 6.5# J55 8RD EUE production tubing and clean out sand to 6062 (PBTD). Circulate hole clean.

23. TOH standing back production tubing and LD clean out assembly.

24. RIH with 2-7/8" 6.5 J55 EUE 8RD tbg as follows:

    a. 2-7/8" bull plug
    b. 2-7/8" X 24' sand screen
    c. 2-7/8" stainless mechanical hold down seating nipple w/ 1-1/4" X 10' dip tube attached below
    d. 2 joints 2-7/8" enduro alloy tubing
    e. 2-7/8" J-55 EUE tubing
    f. 5-1/2" X 2-7/8" tubing anchor
    g. 2 joints 2-7/8" J-55 EUE tubing
    h. 2-7/8" X 4' J-55 EUE pup joint (marker sub)
    i. 2-7/8" J-55 EUE tubing to surface

    Set SN @ +/- 6020'. Place TAC @ +/- 5600'

25. ND BOP

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26. NU WH

27. Run 1.50" insert Pampa pump, 200' 1-5/8" sinker bars, 2200' 3/4" N97 rods, 1900' 7/8" N97 rods, and 1720' 1" N97 rods. Load and test rod pump to 500 psi.

28. Hand over to production. Lift capacity will be 274 BFPD with 143" SL and pumping at 8 SPM.

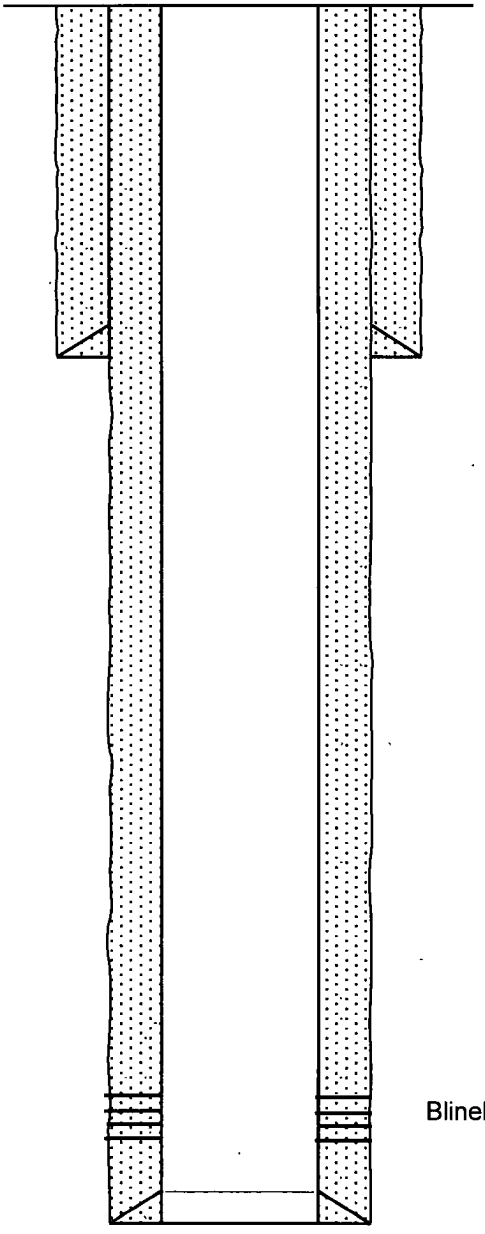
PTB 2/1/2012

Contact information:

Drilling Supt – Heath Lynch – 281 685 6188
Remedial Engineer – Larry Birkelbach 432-687-7650 / 432-208-4772
Production Engineer – Paul Brown 432-687-7351 / 432-238-8755
ALCR – Danny Acosta 575-631-9033
Schlumberger – Evgeny Klimov 432-312-0947
Peak Packers – Sam Prieto 575-631-7704
Vetco Gray – Jesse – 432 580 6602

New Mexico "R" NCT-4 No. 4 Wellbore Diagram

Created:	09/28/11	By:	CHAY	Well #:	4	St. Lse:	-
Updated:		By:		API	30-025-40061		
Updated:		By:					
Lease:	New Mexico State "R" NCT-4			Unit Ltr.:	D	Section:	7
Field:	Vacuum Blinebry			TSHP/Rng:	T18S / R35E		
Surf. Loc.:	990' FNL & 1200' FWL			Unit Ltr.:		Section:	
Bot. Loc.:				TSHP/Rng:			
County:	Lea	St.:	NM	Directions:	Buckeye, NM		
Status:				CHEVNO:	MY2483		
				OGRID:	4323		



KB: 3997'
DF:
GL: 3979'
Ini. Spud: 09/20/11
Ini. Comp.:

Surface Casing

Size:	8-5/8' -J-55
Wt., Grd.:	24#
Depth:	1510'
Sxs Cmt:	870 sxs
Circulate:	Yes; 141 sx
TOC:	Surface
Hole Size:	12-1/4"

Production Casing

Size:	5-1/2" L80
Wt., Grd.:	17#
Depth:	6133'
Sxs Cmt:	1,000
Circulate:	Yes; 180 sx
TOC:	Surface
Hole Size:	7-7/8"

Blinebry Perfs: 5675' - 6012'

PBTD: 6062'
TD: 6133'