Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
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-103
Revised August 1, 2011

WELL API NO.
30-025-25246

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.)

HOBBS OCD

1. Type of Well: Oil Well ☒ Gas Well ☐

7. Lease Name or Unit Agreement Name
H.T. MATTERN NC T-B

8. Well Number 22

2. Name of Operator
CHEVRON U.S.A. INC.

MAY 10 2013

9. OGRID 4323

3. Address of Operator
15 SMITH ROAD, MIDLAND, TEXAS 79705

RECEIVED

10. Pool name or Wildcat
BLINEBRY OIL & GAS

4. Well Location
Unit Letter B: 785 feet from the NORTH line and 2310 feet from the EAST line
Section 31 Township 21-S Range 37-E NMPM County LEA

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

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 RE-PERF				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 REPERF THE BLINEBRY FORMATION IN 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: 05/07/2013

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

APPROVED BY: TITLE Dist. Mgr DATE 5-14-2013
Conditions of Approval (if any):

MAY 20 2013

Chevron

Workover/ Completion Program

Well:	**H.T. Mattern NCT B#22 (Blinebry) 04.19.2013**
Reservoir/Field:	**Reservoir: Blinebry/ Field -Blinebry O&G**
Surface Location:	**B-31-21S-37E 785 FNL 2310 FEL**
GPS (NAD27) – (Long, Lat):	**N 32° 26' 25.296", W -103° 12' 2.268" (NAD27)**

Job: **Re-perforation Job**

Brief Background of the Job:

It is proposed to reperf the Blinebry formation (5,540'-5,962') of the H.T. Mattern NCT B#22 using the Stim Gun tool.

The well had a casing leak. Casing leak was then squeezed off with cement. This WO job resulted in accidently cementing ~330 ft in 5.5" casing while squeeze operation (reason unknown). Therefore it is suspected that we have cemented the Blinebry Perforations (5,464' – 5,962') and thus resulting in drop in production.

PREWORK:

1. Utilize the rig move check list.
2. Check anchors and verify that pull test has been completed in the last 24 months.
3. Ensure location of & distance to power lines is in accordance with MCA SWP. Complete and electrical variance and electrical variance RUMS if necessary.
4. Ensure that location is of adequate build and construction.
5. Ensure that elevators and other lifting equipment are inspected. Calliper all lifting equipment at the beginning of each day or when sizes change.
6. When NU anything over and open wellhead (EPA, etc.) ensure the hole is covered to avoid dropping anything downhole.
7. For wells to be worked on or drilled in an H_2S field/area, include the anticipated maximum amount of H_2S that an individual could be exposed to along with the ROE calculations for 100 ppm and 500 ppm.

Procedure:

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 MOC

1. Verify that well does not have pressure or flow. If the well has pressure, note tubing and casing pressures on WellView report. Bleed down well; if necessary, kill with cut brine fluid (8.6 ppg).
2. MI & RU workover unit.
3. 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 ½" packer along with a joint of tubing and set ~ @ 25', test BOP pipe rams to 250 psi/1000 psi. Note testing pressures on WellView report. Release and LD packer.
4. PU 1-2 joints of tubing and tag for fill (TAC 5,367'-5,369', Top Perfs: 5,464' (squeezed accidently), Bottom Perfs 5,962' (possibly squeezed accidently), EOT 6071', PBTD 6,450'). Previous cleanout only went to 6133', most likely cement. **Do not push TAC into perfs**. POOH while scanning 2 $^{7}/_{8}$" prod tubing. LD all non-yellow band joints.

If fill is tagged:

A. *Above 6,133' contact remedial engineer and verify if the clean out is necessary. If so, continue with foam/air clean out per step 5.*

B. *Below 6,133' clean out not needed, skip step 5.*

Note: Strap pipe out of the hole to verify depths and note them on Wellview report.

Send scan log report to drillin@chevron.com (Jonathan Paschel).

5. PU and RIH with 4 $^{3}/_{4}$" MT bit, four (3 ½") drill collars on 2 $^{7}/_{8}$" 6.5# L-80 WS. RU power swivel and clean out to 6,133' with foam/air unit **(continue to supplemental procedure and in accordance with attached SOG)**. POOH with 2 $^{7}/_{8}$".WS and bit. LD bit & BHA.

   MI & RU Baker Atlas electric line unit. Install lubricator and test to 1,000 psi. GIH with 3 $^{3}/_{8}$" EHC Predator XP guns w/ Stim Gun Sleeves (23.5 Gm. 40" EHD 48" TTP) and perforate **5540-5546', 5552-5560', 5566-5574', 5592-5600', 5620-5628', 5645-5653', 5660-5668', 5676-5684', 5696-5704', 5718-5722', 5732-5738', 5757-5765', 5784-5792', 5824-5832', 5868-5876' and 5954-5962'** in separate runs, per Baker Atlas recommendation. **Note: Use casing collars from Welex Gamma-Collar Perforation Record Log dated 3/17/1976 for depth correction.**

   a) **Ensure that FL in wellbore is > 100' from surface and at least 2000' above perfs prior to perforating.**

6. POH. RD & release electric line unit.

7. RIH with 2 $^{7}/_{8}$" production tubing hydrotesting to 5,000 psi. Set TAC per ALCR recommendation. ND BOP. NU WH. RIH with rods and pump per ALCR. Hang well on. RD and release workover unit.

8. Turn well over to production.

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, four (3 ½") 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 6,133' with low RPM's rotation and circulation, 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 on with original procedure for completion.

Well: **H. T. Mattern (NCT-B) # 22** Field: **Blinebry O&G** Reservoir: **Blinebry**

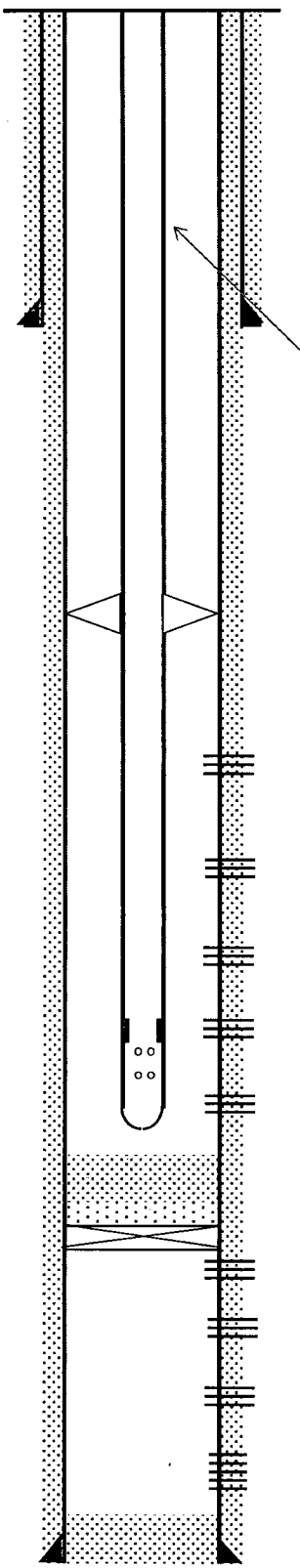
Current
Wellbore Diagram

Location:
785' FNL & 2310' FEL
Section: 31
Township: 21S
Range: 37E Unit: B
County: Lea State: NM

Well ID Info:
Chevno: EO9092
API No: 30-025-25246
L5/L6: U463000
Spud Date:2/29/76
Compl. Date:3/29/76

Elevations:
GL: 3496'
KB: 3506'
DF: 3505'

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.



Surf. Csg: 8-5/8", 24#, K-55
Set: @ 1205' w/500 sx cmt
Size of hole: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

20 jts 2-7/8" J-55

Tubing Detail

#Jts:	Size:	Footage
	KB Correction	10.00
20	Jts. 2 7/8" 6.5# J-55	960.00
20	Bottom Of String >>	**970.00**

TAC (5367-5369)

Rod Detail

#Jts:	Size:	Footage
0	Length Of String >>	**0.00**

Perfs	Status
5464-72'	Blinebry - Squeezed
5494-5502'	Blinebry - Squeezed
5520-28'	Blinebry - Squeezed
5540-46'	Blinebry - Squeezed
5552-60'	Blinebry - Squeezed
5566-74'	Blinebry - Squeezed
5592-5600'	Blinebry - Squeezed
5620-28'	Blinebry - Squeezed
5645-53'	Blinebry - Squeezed
5660-68'	Blinebry - Squeezed
5676-84'	Blinebry - Squeezed
5696-5704'	Blinebry - Squeezed
5718-22'	Blinebry - Squeezed
5732-38'	Blinebry - Squeezed
5757-65'	Blinebry - Squeezed
5784-92'	Blinebry - Squeezed
5824-32'	Blinebry - Squeezed
5868-76'	Blinebry - Squeezed
5954-62'	Blinebry - Squeezed

Bull Plug (6070-6071) EOT

(6133-6450) Fill in Wellbore (sand, etc.)

CIBP @ 6450' (6450'-6453)
(No cmt on top)

Perfs	Status
6492-94'	Drinkard - Below CIBP
6546-48'	Drinkard - Below CIBP
6596-98'	Drinkard - Below CIBP
6648-50'	Drinkard - Below CIBP
6696-98'	Drinkard - Below CIBP

COTD: 6133'
PBTD: 6450'
TD: 6808'

Prod. Csg: 5-1/2", 15.5# K-55
Set: @ 6808' w/925 sx cmt
Size of hole: 7-7/8"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Updated: 04/19/2011

By: Prasanna Chandran