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

HOBBS OCD
JAN 12 2012
RECEIVED

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.
30-025-39973

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
W.T. MCCOMACK

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

8. Well Number 32

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
BLINEBRY/TUBB

4. Well Location
Unit Letter O: 660 feet from the SOUTH line and 2080 feet from the EAST line
Section 32 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: 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 USING THE SONIC HAMMER TOOL. THE WELL IS DOWN ON ROD FAILURE.

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: 01-11-2012

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

APPROVED BY: Maley Brown TITLE Compliance Officer DATE 1/18/2012
Conditions of Approval (if any):

JAN 23 2012

W.T. McComack #32 **1.4.2012**
Blinebry O&G, Tubb O&G – Blinebry Tubb
T21S, R37E, Section 32
Job: Sonic Hammer, Acidize & Scale Squeeze

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 1/4/2012. 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. Verify that well does not have pressure or flow. If well has pressure, record tubing and casing pressures. 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. POOH w/ rods & pump. 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/1000 psi. Note testing pressures on report. Release and LD packer.

4. PU 2 jt & TAG for fill (TAC 5,621', Top Perf 5,740', Bottom Perf 6,239', EOT 6,260', PBTD 6,283'). Do not push TAC past top perf at 5,740'. POOH while scanning 2-7/8" prod tbg. LD all non-yellow band joints. If fill is tagged, contact Steve Jackson to determine if clean out is required (step #5). Strap pipe out of the hole to verify depths. Send scan report to Steve Jackson.

   - **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.**

5. If clean out is required (*if clean out is not required skip to next step*), PU and RIH with 4-3/4' MT bit & bailer on 2-7/8" 6.5# L-80 WS and clean out to 6,283'. POOH w/ 2-7/8" tbg string and bit. LD bit & bailer.

   - **Expect trapped pressure inside tubing while breaking connections during bailing, discuss on JSA and mitigate the hazard. Use mud bucket (remove bottom seals) while breaking connections.**

6. Contact sonic tool rep to be on site during job. PU and GIH with Sonic Hammer tool and 2-7/8" L-80 6.5#, work string to 6,239' or below perforations. Hydro test tbg to 5,500 psi while GIH. Stand back tbg to top perfs. Install stripper head and stand pipe with sufficient treating line to move tools vertically 65'. Rig up pressure gauges to allow monitoring of tbg and csg pressure.

7. MI & RU Petroplex. Treat interval 5,740'-6,239' with 50 bbls of 8.6 ppg cut brine water per stand. Pump down 2-7/8" WS and through Sonic Hammer tool at **5 BPM** while reciprocating tool across the perforating interval. Do not exceed 500 psi. Leave annulus open in circulation mode while treating the perforated interval with water.

   Follow the 8.6 ppg cut brine water w/ 1,000 gals 15% NEFE HCl acid. Ensure that enough tbg is made up to cover each ~65' treating interval. Spot 3 bbls of acid outside tbg, shut in and close csg flowback line, pump acid @ 5 BPM over first treatment interval from 5,740' – 5,795', monitor csg pressure and do not exceed 500 psi on backside. Ensure that 1,000 gal of acid is pumped across each ~65' perfs treatment interval. Flush tbg w/ 8.6 cut brine, make a connection and continue w/ next interval. See the below example of intervals.

Interval	Depth	Volume
1	5,740' – 5,795'	1,000 Gal
2	5,851' – 5,915'	1,000 Gal
3	5,919' – 5,979'	1,000 Gal
4	5,982' – 6,035'	1,000 Gal
5	6,138' – 6,197'	1,000 Gal
6	6,201' – 6,239'	1,000 Gal

   Shut in for 1 hrs for the acid to spend. Bleed excess pressure off at surface if necessary to keep casing pressure below 500 psi.

8. Pump down 2-7/8" tbg and through Sonic Hammer tool at **5 BPM** from 6,239'-5,740' in 6 treatment intervals with a total of 300 bbls 8.6 ppg cut brine water containing 4 drums (220 gallons) Baker SCW-358 Scale Inhibitor. Ensure top of tbg is flushed with water before making a connection. Continue with next interval.

Interval	Depth	Volume
1	6,239' - 6,201'	50 bbl
2	6,197' - 6,138'	50 bbl
3	6,035' - 5,982'	50 bbl
4	5,979' - 5,919'	50 bbl
5	5,915' - 5,851'	50 bbl
6	5,795' - 5,740'	50 bbl

   PU to top of perfs. Pump 50 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. RD and release pump truck. Release Petroplex.

9. POH & LD 2-7/8" WS and Sonic Hammer tool.

10. RIH w/ 2-7/8" production tubing and hang off per RWW/ALCR recommendation. NDBOP. NUWH. RIH w/ rods and pump per RWW/ALCR. RD and release workover unit.

11. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

Perfs Detail				
Top *ft*	Bottom *ft*	Interval Length *ft*	Status	Reservoir
5,740	5,746	6	Open	Blinebry
5,773	5,780	7	Open	Blinebry
5,788	5,795	7	Open	Blinebry
5,851	5,858	7	Open	Blinebry
5,870	5,876	6	Open	Blinebry
5,894	5,901	7	Open	Blinebry
5,910	5,915	5	Open	Blinebry
5,919	5,924	5	Open	Blinebry
5,957	5,966	9	Open	Blinebry
5,974	5,979	5	Open	Blinebry
5,982	5,990	8	Open	Blinebry
6,014	6,022	8	Open	Blinebry
6,026	6,035	9	Open	Blinebry
		0		
6,138	6,147	9	Open	Tubb
6,158	6,167	9	Open	Tubb
6,170	6,178	8	Open	Tubb
6,191	6,197	6	Open	Tubb
6,201	6,210	9	Open	Tubb
6,213	6,222	9	Open	Tubb
6,230	6,239	9	Open	Tubb
		0		
		0		
		0		
	Total			
5,740	**6,239**	**148**		

Well **WT McComack # 32**

Field **Blinebry Oil & Gas**
Tubb Oil & Gas

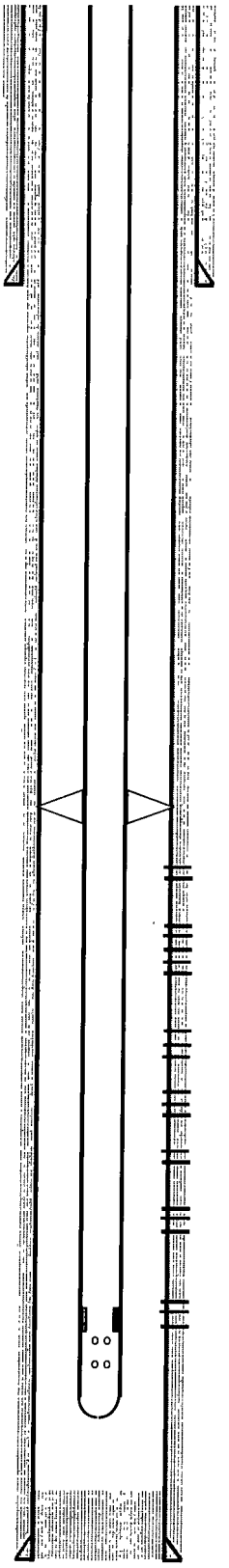
Reservoir **Blinebry & Tubb**

Location:
660' FSL & 2080' FEL
Section 32
Township. 21S
Range 37E
County Lea State NM

Elevations:
GL 3462'
KB 3478'
DF

Current
Wellbore Diagram

Well ID Info:
Chevno: MV9295
API No 30-025-39973
L5/L6:
Spud Date 2/20/2011
Compl Date



Surf. Csg: 8 5/8", 24#, J-55
Set: @ 1221' w/ 640 sks
Hole Size: 12 1/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Perfs:	Status:
5740' - 5746'	Blinebry Open
5773' - 5780'	Blinebry Open
5788' - 5795'	Blinebry Open
5851' - 5858'	Blinebry Open
5870' - 5876'	Blinebry Open
5894' - 5901'	Blinebry Open
5910' - 5915'	Blinebry Open
5919' - 5924'	Blinebry Open
5957' - 5966'	Blinebry Open
5974' - 5979'	Blinebry Open
5982' - 5990'	Blinebry Open
6014' - 6022'	Blinebry Open
6026' - 6035'	Blinebry Open
6138' - 6147'	Tubb Open
6158' - 6167'	Tubb Open
6170' - 6178'	Tubb Open
6191' - 6197	Tubb Open
6201' - 6210	Tubb Open
6213' - 6222	Tubb Open
6230' - 6239	Tubb Open

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.

COTD: unknown
PBTD. 6283'
TD: 6310'

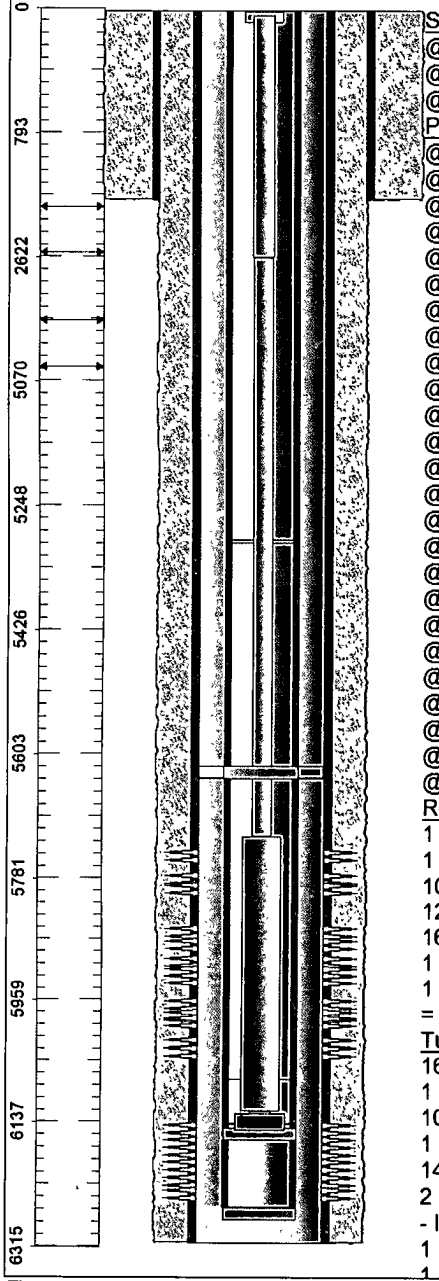
Updated: 3/15/2011

By: N. Southern

Prod. Csg: 5 1/2", 17#, L-80
Set: @ 6304' w/ 1325 sks
Hole Size: 7 7/8"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Chevron U.S.A. Inc. Wellbore Diagram : WTMCCOMACK 32-DHC

Lease: OEU EUNICE	**Well No.:** 61317599	**Field:** N/A	
Location:	**Sec.:** N/A	**Blk:**	**Survey:** N/A
County: N/A **St.:** N/A	**Refno:**	**API:** 3002539973	**Cost Center:** UCU463200
Section:	**Township:** N/A		**Range:** N/A
Current Status: ACTIVE		**Dead Man Anchors Test Date:** 03/01/2011	
Directions:			



Surface Casing (Top-Bottom Depth) Desc
@(16-1221) Wellbore Hole OD-12.1250 - Bare
@(16-1221) Cement (behind Casing) - Bare
@(16-1221) J-55 8.625 OD/ 24.00# Round Short 8.097 ID 7.972 Drift - Bare
Production Casing (Top-Bottom Depth) Desc
@(5740-5746) Perforations - Open
@(5773-5780) Perforations - Open
@(5788-5795) Perforations - Open
@(5851-5858) Perforations - Open
@(5870-5876) Perforations - Open
@(5894-5901) Perforations - Open
@(5910-5915) Perforations - Open
@(5919-5924) Perforations - Open
@(5957-5966) Perforations - Open
@(5974-5979) Perforations - Open
@(5982-5990) Perforations - Open
@(6014-6022) Perforations - Open
@(6026-6035) Perforations - Open
@(6138-6147) Perforations - Open
@(6158-6167) Perforations - Open
@(6170-6178) Perforations - Open
@(6191-6197) Perforations - Open
@(6201-6210) Perforations - Open
@(6213-6222) Perforations - Open
@(6230-6239) Perforations - Open
@(5740-6239) Producing Interval (Completion) - Bare
@(1221-6310) Wellbore Hole OD- 7.8750 - Bare
@(16-6310) Cement (behind Casing) - Bare
@(16-6310) L-80 5.500 OD/ 17.00# Round Long 4.892 ID 4.767 Drift - Bare
@(6310-6310) Plug Back (unknown type) - Bare
Rod String Quantity (Top-Bottom Depth) Desc
1 @(16-42) 1.500 (1 1/2 in.) Spray Metal x 26
1 @(42-46) 0.875 (7/8 in.) N-97 (HS) x 4 Rod Sub
103 @(46-2621) 0.875 (7/8 in.) N-97 (HS) x 25 Rod
124 @(2621-5721) 0.750 (3/4 in.) N-97 (HS) x 25 Rod
16 @(5721-6121) 1.500 (1 1/2 in.) K x 25 Sinker Bar
1 @(6121-6124) 0.875 (7/8 in.) N-97 Rod Sub(s)
1 @(6124-6148) Rod Pump (Insert) (NON-SERIALIZED) - 25-200-R H BC -24-5 (Bore = 2.00)
Tubing String Quantity (Top-Bottom Depth) Desc
164 @(16-5296) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347
1 @(5296-5300) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347
10 @(5300-5621) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347
1 @(5621-5624) Tubing Anchor/Catcher 2.875"
14 @(5624-6075) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347
2 @(6075-6139) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347 Drift - Internal Plastic Ctg-TK-99
1 @(6139-6140) Seat Nipple - Heavy Duty (2.875") Cup Type
1 @(6140-6144) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347

Ground Elevation (MSL):: 3462.00	**Spud Date:** 01/01/1800	**Compl. Date:** 01/01/1800
Well Depth Datum:: CSI00004	**Elevation (MSL)::** 3478.00	**Correction Factor:** 16.00
Last Updated by: fitecl	**Date:** 12/19/2011	