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. 30-025-33434	
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 N STATE
1. Type of Well: Oil Well ☒ Gas Well ☐	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 VACUUM; UPPER PENN
4. Well Location Unit Letter ~~P~~ M: ~~538~~ 800 feet from the SOUTH line and ~~818~~ 510 feet from the ~~EAST~~ W line Section 30 Township ~~18-S~~ 17S Range 35-E 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: ADD PAY, REPLACE RODS, 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 U.S.A. INC. INTENDS TO ADD PAY, REPLACE RODS, & ACIDIZE THE SUBJECT WELL.

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

Spud Date:

Oil Conservation Division
Conditions of approval : Approval for drilling/workover ONLY-- CANNOT produce Downhole Commingled until DHC is approved in Santa Fe.

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):

Colt

JAN 23 2012

New Mexico N State #10 – Add Pay, replace rods, Acidize

API No. 30-025-33434
Lea County, NM

Workover Procedure

1. MIRU pulling unit.
2. Record tubing and casing pressures for kill weight calculations. Check pressure on surface and intermediate risers & bleed pressure if necessary. Leave bradenhead valves open & monitor throughout workover.
3. Kill well as necessary.
4. Pull rods and pump (Rod and pump details shown on WBD).
5. Ensure well is dead. ND wellhead.
6. NU 5K hydraulic BOP with blind rams in bottom, 2 7/8" pipe rams in top & 3M hydraulic annular.
7. Unset TAC. TOH ***scanning*** 2-7/8" 6.5# L80 8RD EUE tubing (blue and yellow joints OK to rerun).
8. TIH with 4-¾" MT bit & 6 x 3-½" DCs on and 2 7/8" EUE, L-80, 6.5# WS. Cleanout to TOC/CIBP set @ 11065' (PBTD).
9. TOH stand back WS; LD DC's & bit.
10. RU Baker Hughes perforating services & lubricator. Tie into Schlumberger's PDC-GR-Collar Locator log dated 7/12/1996. Perforate 5 1/2" casing with 3-3/8" Predator Z @ 2 JSPF at 120 degree phasing, 0.48" EHD, & 49.6" penetration as follows:

    9962'-9976' (28 total holes)

    RDMO wire line unit.
11. RIH with 5-½" 17# RBP & 5-½" 17# packer on 2-7/8" EUE, L-80, 6.5# workstring. Test tbg to 6000 psi below slips while RIH.
12. Set RBP @ 10,400' & test to 500 psi with packer. PUH and set packer @ 10,000'.
13. Treat perfs from 10,088'-10,184' with 1500 gal Xylene. SI well overnight.

14. Flow back load. If well will not flow, swab back load or until fluid is clean, whichever comes first.

15. MIRU Acid Unit. Have 2000 lbs of rock salt on site. Pump acid at 6-8 BPM. Max Pressure = 5900 psi. Acidize perfs from 10088'-10184' with 8,500 gallons 15% NEFE HCL in 4 stages of acid and 3 stages of Rock Salt (Use BW during acid job) as follows:

    1) 500 gals = 12 bbls Brine Water as a pad to establish injection rate
    2) 2500 gals 15% NEFE HCL
    3) 500# Rock Salt (Gelled Brine Water w/ 1.5 lbm/gal concentration)
    4) 2000 gals 15% NEFE HCL
    5) 200# Rock Salt (Gelled Brine Water w/ 1.5 lbm/gal concentration)
    6) 2000 gals 15% NEFE HCL
    7) 200# Rock Salt (Gelled Brine Water w/ 1.5 lbm/gal concentration)
    8) 2000 gals 15% NEFE HCL
    9) Switch to FW & displace to bottom of perfs

    Note: Adjust Rock Salt volumes based on results of previous drops

16. SI well for 2 hrs to allow acid to spend.

17. Flow back load. If well will not flow, do NOT swab.

18. Release pkr, RIH, latch onto RBP @ 10,400' and unset. Wash salt as necessary to get to RBP.

19. PUH & ***re-set*** RBP @10,050', un-latch from retrieving head, PUH, and set pkr @ 9860'. Load and test backside to 250 psi, monitor backside during job.

20. Acidize perfs (9962'-9976') w/ 2,000 gallons of 15% HCL. Divert using 40, 1.2 SG, 7/8" ***bio balls*** and spread evenly throughout the job. Pump acid at 6-8 BPM. Max Pressure = 5900 psi. Displace acid w/ FW to bottom perf @ 9976'. Monitor casing pressure for communication around packer.

21. Shut-in for 2 hours to allow acid to spend and bio-balls to break.

22. Flow back load. If well will not flow, do NOT swab.

23. Release packer, RIH, latch onto RBP and unset.

24. If acid loads were not recovered via flow-back, Re-set RBP @ 10,400' & reset packer @ 9860' & swab back load from both zones for a maximum of one day. Otherwise, proceed to Step 25.

25. TOH LD WS, RBP, & packer.

26. RIH with existing 2-7/8" 6.5# L80 production tbg as shown below:

Tubing - 2 7/8" 6.5# L-80
1 – 2 7/8" X 6' Marker Sub
2 – Joints 2 7/8" L-80 tubing
1 – 2 7/8" X 5 1/2" TAC @ 9900' Right Hand Set/Left Hand Release
Tbg 2 7/8" L-80
2 – 2 7/8" X 31' TK-99 Blast Joints
1 – SS Mechanical Seat Nipple @ 10240' w/ 1 ¼" X 12' Dip Tube
1 – 2 7/8" X 4' Tubing Sub
1 – 2 7/8 x 3 ½" Crossover
1 – 3 ½" Slotted Mud Anchor w/Bull Plug

End of Tubing 10275'

Load Cell – (If Needed) Danny Acosta

27. Confirm well is dead & ND BOP.

28. NU wellhead.

29. RIH w/ pump and rods:

1 – 1 ½" X 26' SM Polish Rod w/1" pin & PR coupling (Garner)
1 – Set 1" Norris N-97 Guided Pony Rods W/SH Tee couplings
109ea. – 2725' Norris 1" N-97 Guided Rods W/SH Tee couplings
138ea. – 3450' Norris 7/8" N-97 Guided Rods W/FHTee couplings
153ea. – 3825' Norris 3/4" N-97 Guided Rods W/FHTee couplings
9ea. – 225' Grade K 1 5/8" Sinker Bars W/3/4" pins & FHSM boxes
1 – 4' Guided Pony Sub 3-guides, 7/8" body, ¾" pins (Garner)
1 – 1.5" Insert Pump (Garner)

1 - 1" x 7/8" crossover coupling
1 – 7/8" X 3/4" crossover coupling

Run rods according to the attached Rod Guide Design

Garner Pump 575 397-4788

30. RDMO PU.

31. Turn well over to production.

Contacts:

Nathaniel Brummert – Remedial Engineer (713-409-6170)

Danny Acosta – ALCR (Cell: 575-631-9033)

Edgar Acero – Production Engineer (432-687-7343 / Cell: 432-230-0704)

Boyd Schaneman – (432-687-7402 / Cell: 432-238-3667)

Drilling Supt. - Heath Lynch – (432-687-7402 / Cell: 432-238-3667)

OS – Nick M. – 432 631 0646

Sam Prieto - Peak Packers – (575-631-7704)

New Mexico N State # 10

Tubing - 2 7/8" 6.5# L-80
1 – 2 7/8" X 6' Marker Sub
2 – Joints 2 7/8" L-80 tubing
1 – 2 7/8" X 5 1/2" TAC @ 9900' Right Hand Set/Left Hand Release
Tbg 2 7/8" L-80
2 – 2 7/8" X 31' TK-99 Blast Joints
1 – SS Mechanical Seat Nipple @ 10240' w/ 1 ¼" X 12' Dip Tube
1 – 2 7/8" X 4' Tubing Sub
1 – 2 7/8 x 3 ½" Crossover
1 – 3 ½" Slotted Mud Anchor w/Bull Plug

End of Tubing 10275'

Load Cell – (If Needed) Danny Acosta

New Mexico N State # 10

1 – 1 ½" X 26' SM Polish Rod w/1" pin & PR coupling (Garner)
1 – Set 1" Norris N-97 Guided Pony Rods W/SH Tee couplings
109ea. – 2725' Norris 1" N-97 Guided Rods W/SH Tee couplings
138ea. – 3450' Norris 7/8" N-97 Guided Rods W/FHTee couplings
153ea. – 3825' Norris 3/4" N-97 Guided Rods W/FHTee couplings
9ea. – 225' Grade K 1 5/8" Sinker Bars W/3/4" pins & FHSM boxes
1 – 4' Guided Pony Sub 3-guides, 7/8" body, ¾" pins (Garner)
1 – 1.5" Insert Pump (Garner)

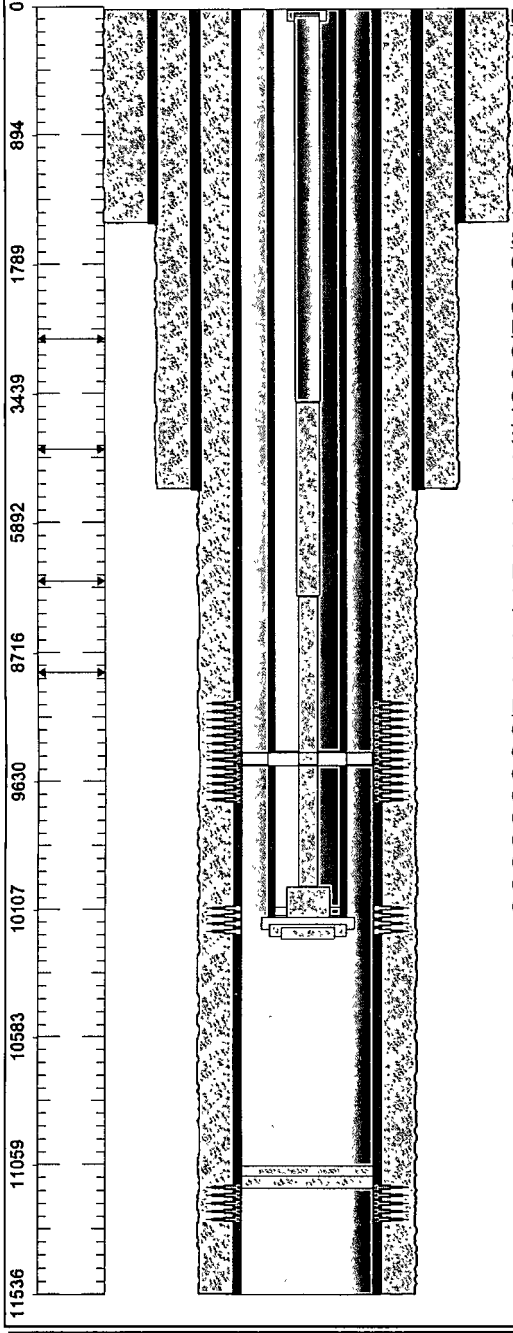
1 - 1" x 7/8" crossover coupling
1 – 7/8" X 3/4" crossover coupling

Run rods according to the attached Rod Guide Design

Garner Pump 575 397-4788

Chevron U.S.A. Inc. Wellbore Diagram : NM N ST 10

Lease: OVC VACUUM	**Well No.:** NMX N 10 VUP 10	**Field:** FLD-VACUUM		
Location: 800FSL510FWL	**Sec.:** N/A	**Blk:**	**Survey:** N/A	
County: Lea **St.:** New Mexico	**Refno:** BJ7073	**API:** 3002533434	**Cost Center:** UCT495400	
Section: 30	**Township:** 017 S		**Range:** 035 E	
Current Status: ACTIVE		**Dead Man Anchors Test Date:** NONE		
Directions:				



Rod String Quantity (Top-Bottom Depth) Desc
1 @(18-44) 1.500 (1 1/2 in.) Spray Metal x 26
1 @(44-48) 1 000 (1 in.) N-97 (HS) x 4 Rod Sub - N/A
3 @(48-66) 1.000 (1 in.) N-97 (HS) x 6 Rod Sub - N/A
142 @(66-3616) 1.000 (1 in.) N-97 (HS) x 25 Rod - N/A
147 @(3616-7291) 0.875 (7/8 in.) N-97 (HS) x 25 Rod - N/A
109 @(7291-10016) 0.750 (3/4 in.) N-97 (HS) x 25 Rod - N/A
6 @(10016-10166) 1.625 (1 5/8 in.) C x 25 Sinker Bar - N/A
1 @(10166-10170) 0.875 (7/8 in.) N-97 (HS) x 4 Rod Sub - N/A
1 @(10170-10194) Rod Pump (Insert) (NON-SERIALIZED) - 25-150-RHBM-24-6 (Bore = 1.50)
Surface Casing (Top-Bottom Depth) Desc
@(18-1500) Unknown 11.750 OD/ 42.00# Round Short 11.084 ID 10.928 Drift - N/A
@(18-1500) Cement
@(18-1500) Wellbore Hole OD-14.7500 - N/A
Intermediate Casing (Top-Bottom Depth) Desc
@(18-5300) Unknown 8.625 OD/ 32.00# Round Short 7.921 ID 7.796 Drift - N/A
@(18-5300) Cement
@(1500-5300) Wellbore Hole OD-11.0000
Tubing String Quantity (Top-Bottom Depth) Desc
302 @(18-9520) L-80 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347
1 @(9520-9522) Swivel Shear Sub
1 @(9522-9525) Tubing Anchor/Catcher
NOTE* RIGHT HAND SET/LEFT HAND RELEASE
18 @(9525-10097) L-80 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347
1 @(10097-10128) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2 347 Drift - Internal Plastic Ctg-TK-99
1 @(10128-10129) Seat Nipple/Shoe - Stainless 316 (2.875") Mechanical Type -W/ 1"X 10' DIP TUBE
1 @(10129-10133) L-80 2.875 OD/ 6.40# T&C External Upset 2.441 ID 2.347 Drift -
1 @(10133-10158) Slotted Mud Anchor 3.500" - Internal/Externally Plastic Ctg
1 @(10158-10159) Bull Plug (Unknown Type) - 2.875" - Bare
Production Casing (Top-Bottom Depth) Desc
@(18-11536) S-95 5 500 OD/ 17.00# Round Short 4.892 ID 4.767 Drift - N/A
@(9330-9698) Perforations - Squeezed
@(18-11536) Cement
@(5300-11536) Wellbore Hole OD- 7.8750
@(10088-10184) Perforations - Open
@(9330-11252) Producing Interval (Completion) - Bare
@(11100-11104) Bridge Plug Cast Iron 5.500" - N/A
@(11065-11100) Plug - Cement on Top of Bridge Plug - Bare
@(11132-11252) Perforations - Abandoned

Ground Elevation (MSL):: 3989.00	**Spud Date:** 05/25/1996	**Compl. Date:** 08/13/1996
Well Depth Datum:: CSI0000N	**Elevation (MSL)::** 4007.00	**Correction Factor:** 18.00
Last Updated by: acostde	**Date:** 07/11/2011	

CURRENT
WELLBORE DIAGRAM

New Mexico "N" State #10

LOCATION

State	New Mexico
County	Lea
Surface Location	800 FSL 510 FWL
	Sec 30, R-35E, T-17S
Unit Ltr	M

WELL ID INFORMATION

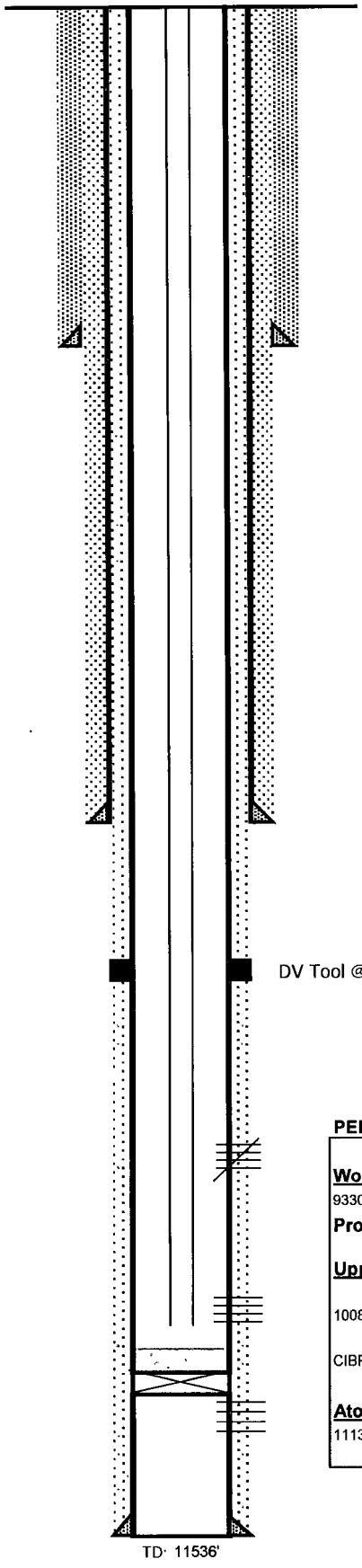
Lease Name	New Mexico State "N" #10
Field	Vacuum Upper Penn
Reservoir	Penn
Ref #	BJ7073
API #	30-025-33434

KB	
DF:	
GL:	3989'
Spud Date:	5/25/1996
Compl. Date:	8/15/1996

CASING DETAIL

Surface Csg.	
Size.	11-3/4'
Wt.:	42# WC-40
Set @.	1500'
Sxs cmt:	800sx class "C"
TOC:	Surface
Hole Size:	14-3/4"
Intermediate Csg.	
Size:	8-5/8"
Wt.:	32# FS-80
Set @:	5300'
Sxs Cmt:	1800sx class "H"
TOC:	
Hole Size.	11"
Production Csg.	
Size:	5-1/2"
Wt.	25 jts 1203' 17# S-95
Wt..	236 jts 10333' L-80 LTC
Set @:	11536'
DV Tool:	7994'
1st Stage Sxs Cmt.	800sx 50/50 POZ H
	Circ 205 sx off DV Tool
2ns Stage Sxs Cmt:	1250sx H
	Circ 350sx to pit
Hole Size:	7-7/8"

Formation	Tops
Abo	7922'
Wolfcamp	9312'
Penn	10068'
Cisco	10426'
Canyon	10660'
Strawn	10946'
Atoka	11032'



PERFORATIONS

Wolfcamp (squeezed)
9330' - 9698'
Proposed: 9962'-9976'

Upper Penn

10088-96, 10104-26, 30-36, 78-84 (84 holes)

CIBP set at 11100' with 35' cmt

Atoka
11132-44, 50-56, 60-66, 11240-52 (2 spf, 152 holes)