

30-025-District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101
Revised July 18, 2013

Energy Minerals and Natural Resources

HOBBS OGD

Oil Conservation Division

☐ AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

APR 23 2015

RECEIVED

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address CHEVRON U.S.A. INC. 15 SMITH ROAD MIDLAND, TEXAS 79705		2. OGRID Number 4323
		3. API Number 30-025-36510
4. Property Code 314776	5. Property Name BELL STATE 16 COM BELL STATE 16	6. Well No. 001

7. Surface Location

UL - Lot N	Sec 16	Township 21S	Range 35E	Lot Idn	Feet from 660	N/S Line SOUTH	Feet From 1980	E/W Line WEST	County LEA
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* Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
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9. Pool Information

Pool Name WILSON; BONE SPRING, NORTH	Pool Code 97704
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Additional Well Information

11. Work Type RECOMPLETE	12. Well Type OIL	13. Cable/Rotary	14. Lease Type STATE	15. Ground Level Elevation 3639
16. Multiple NO	17. Proposed Depth 12,677'	18. Formation BONE SPRING	19. Contractor	20. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

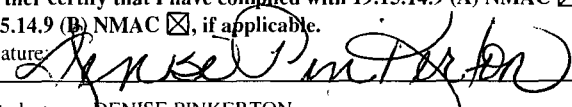
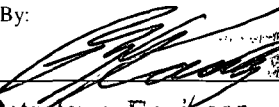
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
			NO CHANGE			

Casing/Cement Program: Additional Comments

ReComp ☒ Add New Well ☐
Cancel Well ☐ Create Pool ☐

22. Proposed Blowout Prevention Program

Type	Working Pressure	Tes	E-PERMITTING - - New Well ☐
			Comp ☐ P&A ☐ TA ☐
			CSNG ☐ Loc Chng ☐

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ , if applicable. Signature:  Printed name: DENISE PINKERTON Title: REGULATORY SPECIALIST E-mail Address: leakejd@chevron.com Date: 04/16/2015 Phone: 432-687-7375		OIL CONSERVATION DIVISION Approved By:  Title: Petroleum Engineer Approved Date: 04/24/15 Expiration Date: 04/24/17 Conditions of Approval Attached	
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APR 28 2015

BELL STATE 16 COM #001
RECOMPLETION PROCEDURE

Pull tbg and pkr.

Abandon Zone: Set CIBP @ 11,175' (Top perf is at 11,234)

Dump 30' of cmt on top.

Set CIBP @ 9,690.

Set RBP @ 9,630.

Perf & frac 2nd Bone Spring under packer from 9546-9596 w/50,000 lbs of sand.

Pick up RBP & move to 8,050.

Perf & acid frac 1st Bone Spring from 7876-8016.

Run in tubing.

RTP.

Proposed WBD
Bell State 16 Com #1 Wellbore Diagram

Created: 01/29/08 By: C. A. Irle
 Updated: By:
 Lease: Bell State 16 Com
 Field: Osudo
 Surf. Loc.: 660' FSL & 1,980' FWL
 Bot. Loc.:
 County: Lea St.: NM
 Status: Active Gas Well

Well #: 1 Fd./St. #: State
 API: 30-025-36510
 Unit Ltr.: N Section: 16
 TSHP/Rng: S-21 & E-35
 Unit Ltr.: Section:
 TSHP/Rng:
 Cost Code: UCU940500
 Chevno: HN6800

Surface Casing (NOT SHOWN)

Size: 13 3/8
 Wt., Grd.: 54.5# STC
 Depth: 1,393
 Sxs Cmt: 1,570
 Circulate: Yes, 593
 TOC: Surface
 Hole Size: 17 1/2

Intermediate Casing

Size: 9 5/8
 Wt., Grd.: 40# LTC
 Depth: 5,460
 Sxs Cmt: 1,985
 Circulate: DV, 115
 TOC: 1,885' TS
 Hole Size: 12 1/4
 DV Tool: 3,606

Production Casing

Size: 7"
 Wt., Grd.: 26# P-110
 Depth: 10,850
 Sxs Cmt: 1,680
 Circulate: Yes, 321
 TOC: Surface
 Hole Size: 8 3/4
 DV Tool: None

Production Liner

Size: 4 1/2
 Wt., Grd.: 13.5# P-110
 Top: 10,458
 Depth: 12,677
 Sxs Cmt: 325
 Circulate: No*
 TOC: TOL
 Hole Size: 6 1/8

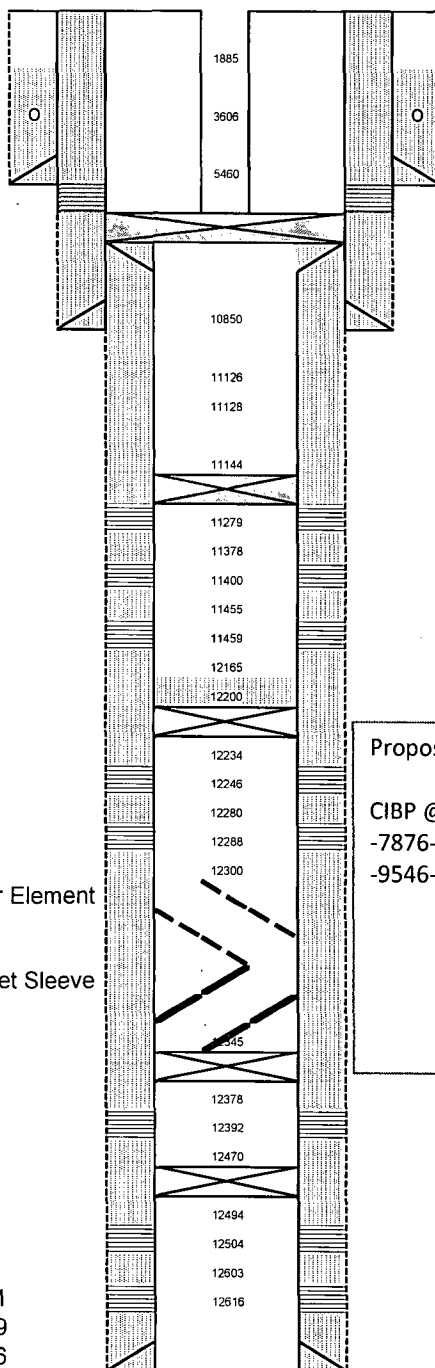
*Not circulate, but @ TOL

Fish

3 1/2" X 12" CIBP Setting Sleeve

Geology - Tops From Drilling

Delaware 5,581
 Bone Spring 7,709
 Wolfcamp 10,496
 Strawn 11,258
 Atoka 11,545
 Morrow 12,202



KB:
 DF:
 GL: 3,639
 Ini. Spud: 02/04/04
 Ini. Comp.: 04/06/04

History

3/1/04 Sidewall Cores: 7 of 29 cut, motor quit.
 3/20/04 Log: TD 12680, tagged 12450.
 4/6/04 Ini Comp: Tag 10335, drl cmt 10482, tag 12522, drl cmt 12645, log well, pkr 12463, swab FL 8600, perf 12494-504, 603-616, acid 1150 gls 7.5% Isosol, flow, swab, CIBP 12470, pkr 12320 TP 12337, perf 12378-392, acid 700 gls Isosol 120 BS, swab, acid 1500 gls Isosol, swab, CIBP 12345, sleeve back off of Setting Tool, pkr 12100 PN 12117, perf Upper Morrow 12234-246, 280-288, acid 1000 gls Isosol, swab, pump tracer.
 7/14/04 Recomp Strawn: Rel pkr, element missing off pkr, junk basket 12250, WL CIBP tag 10860, junk basket tag 12232, push 12300, CIBP 12200, cmt 35', perf 11274-279, 378-400, 455-459, run pkr 11144, flowing, set pkr 11144, rel pkr, pkr 11127, ret BP, flow, acid 6500 gls 20%.
 7/30/04 SIBHP: 4300 psi @ 24 hrs.
 10/25/04 SIBHP: 1640 psi @ 237 hrs.

Proposed Changes

CIBP @ 9,670
 -7876-8016 1st bone spring carbonate
 -9546-9596 2nd bone spring sand

Tubing Detail - DISWIN 12/28/07

1 Jt 2 7/8" 6.5# L-80 Tubing
 6' 2 7/8" 6.5# L-80 Tubing Sub
 302 Jts 2 7/8" 6.5# L-80 Tubing
 56 Jts 2 7/8" 6.5# L-80 Tubing w/
 Turned Down Collars
 2 7/8" X 2 3/8" Crossover
 T-2 On/Off Tool w/1.87" F Profile
 Nipple @ 11,126'
 A-set 1X 10K Packer @ 11,128'
 10' 2 3/8" 4.7# L-80 Tubing Sub
 1.87" R Profile Nipple @ 11,144'
 Wireline Entry Guide

PBTD: 12,165
 TD: 12,677

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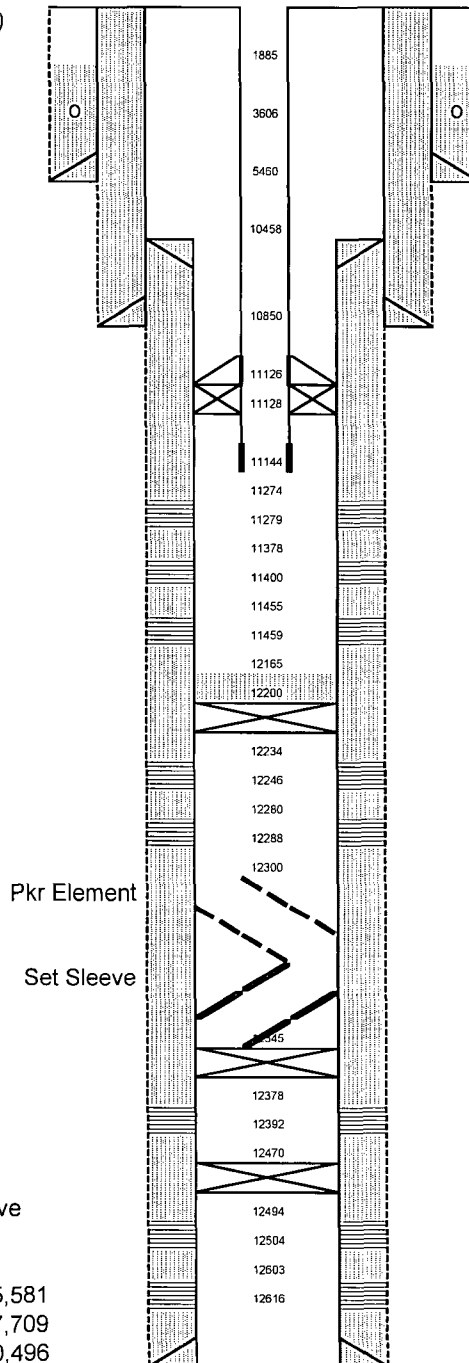
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 7/30/04 SIBHP: 4300 psi @ 24 hrs.
 10/25/04 SIBHP: 1640 psi @ 237 hrs.
Recommendation: Install Intermittent & WHP recorder, once zone depletes, recomple to Bone Spring.

Perforations

11274-279, 378-400, 455-459,
 12234-246, 280-288, 378-392, 494-504, 603-616

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