

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) 848-9720
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
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised August 1, 2011

Permit

HOBBS OCD

NOV 30 2011

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 30-025-33168
⁴ Property Code 29969	⁵ Property Name NEW MEXICO "BZ" STATE NCT-10	⁶ Well No 6

⁷ Surface Location

~ UL - Lot N	Section 2	Township 25-S	Range 37-E	Lot Idn	Feet from 480	N/S Line SOUTH	Feet From 1650	E/W Line WEST	County LEA
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⁸ Pool Information

JUSTIS, GLORIETA (PRO GAS) 79360

Additional Well Information

⁹ Work Type RECOMPLETE	¹⁰ Well Type O	¹¹ Cable/Rotary	¹² Lease Type S	¹³ Ground Level Elevation 3132'
¹⁴ Multiple NO	¹⁵ Proposed Depth 6530'	¹⁶ Formation GLORIETA	¹⁷ Contractor	¹⁸ Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

¹⁹ 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

SEE ATTACHED INTENDED PROCEDURE, C-102, C-144CLEZ, WELLBORE DIAGRAMS, C-129

Proposed Blowout Prevention Program

Type	Working Pressure	Test	Manufacturer
Permit Expires 2 Years From Approval Date Unless Drilling Underway		OCD CONDITION OF APPROVAL of Drilling Intent to drill ONLY--CANNOT produce until the Non Standard Location has been approved by OCD Santa Fe Office	

I hereby certify that the information given above is true and complete
of my knowledge and belief
I further certify that the drilling pit will be constructed according to
NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative
OCD-approved plan ☐

Printed name: DENISE PINKERTON

Title: REGULATORY SPECIALIST

E-mail Address: leakejd@chevron.com

Date: 11-29-2011

Phone: 432-687-7375

OIL CONSERVATION DIVISION

Approved By

Title:

Approved Date:

Expiration Date:

JAN 17 2012

Conditions of Approval Attached

JAN 23 2012

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-33168	² Pool Code 79360	³ Pool Name JUSTIS;GLORIETA (PRO GAS)
⁴ Property Code	⁵ Property Name NEW MEXICO "BZ" STATE NCT-10	⁶ Well Number 6
⁷ OGRID No. 4323	⁸ Operator Name CHEVRON U.S.A. INC.	⁹ Elevation 3132'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	2	25-S	37-E		480	SOUTH	1650	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ 	<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</i></p> <p><i>[Signature]</i> 11-29-2011 Signature Date</p> <p>DENISE PINKERTON REGULATORY SPECIALIST Printed Name</p> <p>leakejd@chevron.com E-mail Address</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>Certificate Number</p>

cat

NOV 30 2011

RECEIVED

WELL NAME: NM BZ ST 10-06API #: 30-025-33168OPERATOR: CHEVRON USA INC.Location: 480 FSL & 1650 FWL Township/Range/Section: N-02-25S-37ESpud Date: 2/15/96**Job Procedure:******Note: Any slip type wellhead should be replaced with B1 Flange**

- 1) MIRU. Record SICP, SITP. Kill well or bleed down as necessary.
- 2) POOH and LD rods. ND WH. Release TAC. NU BOP. Test BOP w/ 4-1/2" PKR 250/1500 psi. Verify elevator size/rating. PU tubing to perf interval and spot 10% acetic acid across the perf interval (4812' - 4925'). POOH w/ tubing, tallying and scanning tbg and LD bad tbg.
- 3) RU Wireline company. RIH and set CIBP @ 5850'. Dump bail 35' cmt on top. POOH w/ wireline and PU new CIBP. RIH sat set CIBP @ 5150'. Dump bail 35' cmt on top and test to 500 psi.
- 4) RU Perforating Company. Test lubricator to 1000 psi. RIH w/ 3-3/8" perforating guns. Perforate the Glorieta w/ 4 SPF, 120 degree phasing, Ultrajet 3406, 22.7 gram charges, 0.42", 31.4" entry.
 - 4812' - 4818'
 - 4828' - 4841'
 - 4874' - 4908'
 - 4915' - 4925'
- 5) POOH w/ perforating guns. **If well has pressure, flow well back and report results to Midland office.**
- 6) PU and RIH w/ 4-1/2" treating PKR on 2-7/8" workstring. Set PKR @ +/- 4800'. RU Petroplex and acidize Glorieta perfs from 4812-4925' w/ 8000 gals 15% HCL, pumping in 300 7/8" diameter ball sealers evenly throughout the job after the first 1000 gals acid has been pumped. Pump at max rate allowable without exceeding 3000# surface pressure. Let spend for 1 hour. Swab or flow back the load through a choke. , sending the gas to a flare., until a steady flow of gas can be seen. **Report results back to Midland office for a decision on completing or abandoning the well & a decision on the completion profile/ BHA to be used**
- 7) After a steady gas flow has been achieved, release PKR and POOH. LD PKR.
- 8) Run in tubing and rods as prescribed by Midland office.
 - Dry Gas Well (flowing): RIH 2-7/8" tubing and new 4-1/2" production packer and On/Off tool, hydrotesting production tubing. Set PKR @ +/- 4775'. Come off PKR & circulate PKR fluid. RD hydrotesters. ND BOP and NUWH.
 - Gas w/ some liquids (rod pump): Re-run 2-7/8" tubing and BHA, hydrotesting production tubing. RD hydrotesters. ND BOP and set TAC. NUWH. PU and RIH w/ rods as prescribed by ALCR design. (set pump
- 9) Return to production and notify Field Specialist and ALCR. Produce well into tester at State BB, L & BZ battery for testing & record daily production.

WELL NAME: NM BZ ST 10-06API #: 30-025-33168OPERATOR: CHEVRON USA INC.Location: 480 FSL & 1650 FWL Township/Range/Section: N-02-25S-37ESpud Date: 2/15/96

The purpose of this project is to recompleate the New Mexico BZ State 10-06 from the Justis Tubb-Drinkard to the Justis Glorieta Gas interval. The job plan includes isolating the Tubb-Drinkard interval, perforating the Glorieta, acid washing, clean out, and a scale squeeze. This procedure is meant to be a guide only. It is up to the ALCR, WSM, Production Engineer and Remedial Engineer to make the decisions necessary to do SAFELY what is best for the well.

Contacts: Jamie Castagno - PE - 432-687-7688
Darrell Carriger - TTL - 432-687-7445
Phillip Minchew - ALCR - 432-532-1905
Mike Archer - OS - 432-269-5541
Aaron Dobbs - PS - 575-631-9071

Jordan Haug - RE - 432-894-7908
Heath Lynch - DS - 281-685-6188

Wellbore Information:

Surface Casing - 8-5/8" 24# K-55 set @ 1,015' w/ 525 sx cmt circulated'

Production Casing - 5-1/2" 15.5# WC-50 & L-80 set @ 6,500' w/ 1535 sx cmt circulated in 2 stages

Open hole horizontal - Window @ 5898' - 5904'; Total MD - 7,926', TVD - 6,154'

Current PBTD - 6,319"

Current tubing assembly (run in 2001)

Current Rod assembly (run in 2001)

****Note: rod & tubing detail is from 2001 and might not be correct: please tally tubing when POOH**

1 JT 2-7/8" J-55 TBG

2" X 1-1/4" X 25' RBHC Pump

S/N @ 6202'

10 X 1-1/2" K-Bars

IPC joint

93 X 3/4" KD Rods

12 JTS 2-7/8" J-55 TBG

79 X 7/8" KD Rods

5-1/2" TAC @ 5510'

63 X 1" KD Rods

184 JTS 2-7/8" J-55 TBG

1" X 8' Pony Rod

Final hanging depth = 6,231'

1-1/2" X 26' Polished Rod

Current Perforations:

Blinbry - 5170-5263 - SQUEEZED IN 2000

Blinbry - 5364-5763 - SQUEEZED IN 2000

Drinkard Horizontal MD = 7926', TVD = 6154'

Tubb - 5923-6039

Drinkard - 6112-6216

Proposed Perforations:

Glorieta 4,812' - 4,925'

Proposed CIBP Placement: 5150' w/ 35' cmt on top



WELL NAME: NM BZ ST 10-06

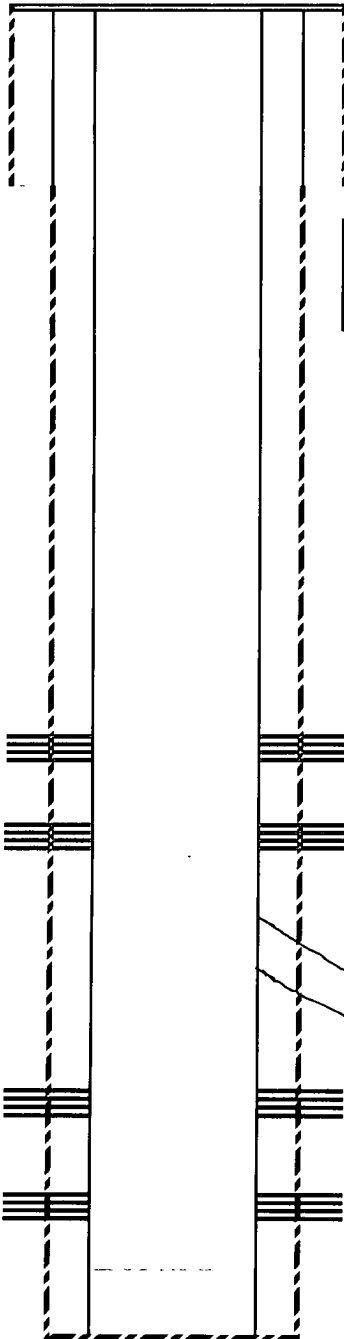
API #: 30-025-33168

OPERATOR: CHEVRON USA INC.

Location: 480 FSL & 1650 FWL Township/Range/Section: N-02-25S-37E

Spud Date: 2/15/96

Current Well Construction



8 5/8" 24# K-55 CSG in 11" Hole
set @ 1015' w/ 525 sx cmt
TOC = surface by circulation

5.5" 15.5# WC-50 & 17# L-80 in 7 7/8" Hole
set @ 6500' w/ 1535 sx cmt (2 stages)
TOC = surface by circulation

Blinebry perfs - 5170-5263 - perfed in 1996 - SQUEEZED IN 2000
acid w/ 2500 gals 15% HCL NEFE, 170 balls, Frac w/ 25500 gel, 69000 Sand (sanded out)

Blinebry perfs - 5364-5763 - perfed in 1996 - SQUEEZED IN 2000
acid w/ 7500 gals 15% HCL NEFE, 180 balls

Drinkard Horizontal Kick Off @ 5898'; MD = 7926', TVD = 6154'

Tubb perfs - 5923-6039 - OPEN
acid w/ 3000 gals 15% HCL NEFE, 180 balls, Frac w/ 59900 gal of gel, 202000 Sand

Drinkard perfs - 6112-6216 - OPEN
acidized w/ 550 gals 15% HCL NEFE, 130 balls, did not ball out

TD = 6530' PBTD = 6319'



WELL NAME: NM BZ ST 10-06

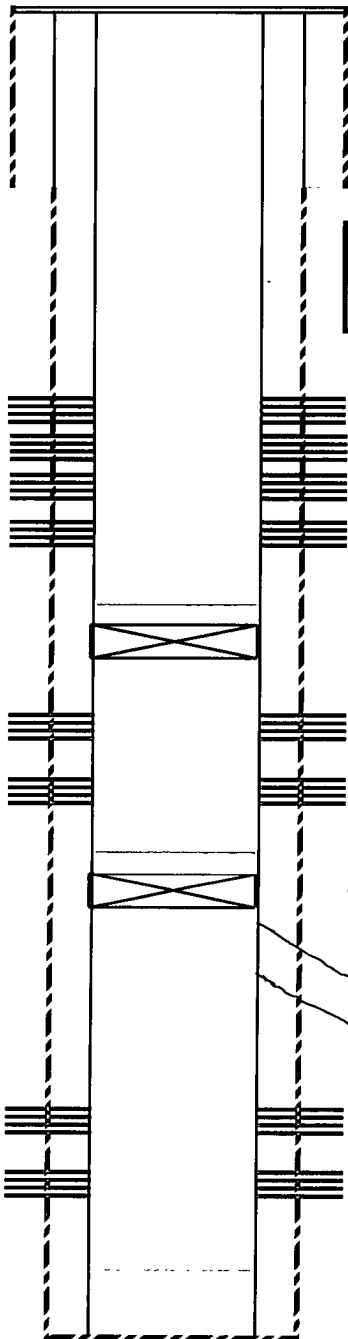
API #: 30-025-33168

OPERATOR: CHEVRON USA INC.

Location: 480 FSL & 1650 FWL Township/Range/Section: N-02-25S-37E

Spud Date: 2/15/96

Proposed Well Construction



8 5/8" 24# K-55 CSG in 11" Hole
set @ 1015' w/ 525 sx cmt
TOC = surface by circulation

5.5" 15.5# WC-50 & 17# L-80 in 7 7/8" Hole
set @ 6500' w/ 1535 sx cmt (2 stages)
TOC = surface by circulation

Proposed Perfs from 4812' - 4818' Glorieta
Proposed Perfs from 4828' - 4841' Glorieta
Proposed Perfs from 4874' - 4908' Glorieta
Proposed Perfs from 4915' - 4925' Glorieta

<-- Proposed CIBP @ 5150' w/ 35' cmt on top - PBTD = 5115'

Blinebry perfs - 5170-5263 - SQUEEZED IN 2000

Blinebry perfs - 5364-5763 - SQUEEZED IN 2000

<-- Proposed CIBP @ 5850' w/ 35' cmt on top

Drinkard Horizontal Kick Off @ 5898'; MD = 7926', TVD = 6154'

Tubb perfs - 5923-6039 - BELOW CIBP

Drinkard perfs - 6112-6216 - BELOW CIBP

TD = 6530' PBTD= 5115'