

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 146997

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, TX 79705		2. OGRID Number 4323
4. Property Code 39167		3. API Number 30-015-40166
5. Property Name HERITAGE 2 15		6. Well No. 001H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	15	23S	28E	N	330	S	2010	W	EDDY

8. Pool Information

CULEBRA BLUFF,BONE SPRING, SOUTH	15011
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3023
14. Multiple N	15. Proposed Depth 12335	16. Formation Bone Spring	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 Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	500	455	
Int1	12.25	9.625	40	3000	760	
Prod	8.75	5.5	17	12335	2300	

Casing/Cement Program: Additional Comments

SURF:145 SX EXTENDACEM-C+4%GEL,2%CACL,13.5 PPG,1.72 YIELD TAIL:310 SX PREM PLUS+2%CACL,14.8PPG,1.35 YIELD INT:50 SX ECONOCHEM-HLH+0.125LB/SK POLYFLAKE,12.7PPG,2 YIELD TAIL:210 SX HALCEM C,14.8PPG,1.34 YIELD PROD:760 SX ECONOCHEM-HLH,0.3%CF4-3+5%SALT,12.7PPG,1.98 YIELD TAIL:1540 SX CL H,0.5%CFR-3+0.2% HALAD-322,17.2PPG,0.97 YIELD

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	3500	
Blind	5000	3500	
Pipe	5000	3500	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OGD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
Printed Name: Electronically filed by Denise Pinkerton	Approved By: Randy Dade	
Title: Regulatory Specialist	Title: District Supervisor	
Email Address: leakejd@chevron.com	Approved Date: 4/16/2012	Expiration Date: 4/16/2014
Date: 4/11/2012	Phone: 432-687-7375	Conditions of Approval Attached

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Santa Fe, NM 87505

Form C-102
August 1, 2011
Permit 146997

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-40166	2. Pool Code 15011	3. Pool Name CULEBRA BLUFF;BONE SPRING, SOUTH
4. Property Code 39167	5. Property Name HERITAGE 2 15	6. Well No. 001H
7. OGRID No. 4323	8. Operator Name CHEVRON U S A INC	9. Elevation 3023

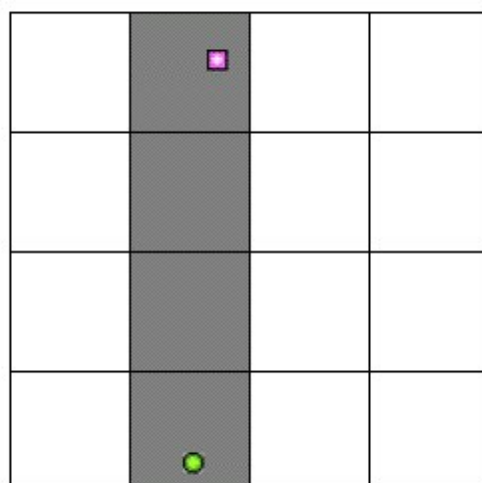
10. Surface Location

UL - Lot N	Section 15	Township 23S	Range 28E	Lot Idn	Feet From 330	N/S Line S	Feet From 2010	E/W Line W	County EDDY
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11. Bottom Hole Location If Different From Surface

11. Bottom Hole Location If Different From Surface									
UL - Lot C	Section 15	Township 23S	Range 28E	Lot Idn C	Feet From 510	N/S Line N	Feet From 2260	E/W Line W	County EDDY
12. Dedicated Acres 160.00		13. Joint or Infill		14. Consolidation Code			15. Order No.		

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



OPERATOR CERTIFICATION

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(s) 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.

E-Signed By: Denise Pinkerton
Title: Regulatory Specialist
Date: 4/11/2012

SURVEYOR CERTIFICATION

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.

Surveyed By: GARY EIDSON
Date of Survey: 6/6/2011
Certificate Number: 12641

Permit Comments

Operator: CHEVRON U S A INC , 4323

Well: HERITAGE 2 15 #001H

API: 30-015-40166

Created By	Comment	Comment Date
DPINKERTON	BHL WILL BE 510 FNL & 2260 FWL UL:C, SEC 15	4/11/2012
DPINKERTON	NSL APPROVAL IS BEING SOUGHT THROUGH SANTA FA.	4/11/2012
DPINKERTON	C-144CLEZ WILL BE MAILED IN, ALONG WITH PLATS.	4/11/2012
CSHAPARD	Land p/P	4/13/2012

Permit Conditions of Approval

Operator: CHEVRON U S A INC , 4323

Well: HERITAGE 2 15 #001H

API: 30-015-40166

OCD Reviewer	Condition
CSHAPARD	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string