

1. Operator Name and Address WATERFORD OPERATING, LLC 1001 MCKINNEY SUITE 2000 HOUSTON , TX 77002		2. OGRID Number 259169
		3. API Number 30-05-64036
4. Property Code 37167	5. Property Name CRYSTAL DIAMOND	6. Well No. 116

UL - Lot O	Section 16	Township 12S	Range 28E	Lot Idn O	Feet From 763	N/S Line S	Feet From 2226	E/W Line E	County CHAVES
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WC: MISSISSIPPIAN GAS	97338
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9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3639
14. Multiple N	15. Proposed Depth 8000	16. Formation Mississippi Limestone	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> miles thick    Clay/ <input type="checkbox"/> Pit Volume:       bbls    Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	11.75	42	350	250	0
Int1	11	8.625	32	1900	370	0
Prod	7.875	5.5	17	8000	680	1800

16" 65# Conductor will be set at 40ft and cemented with Redimix cement

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	

Conditions of Approval Attached

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(505) 393-6161 Fax:(505) 393-0720

**District II**  
 1301 W. Grand Ave., Artesia, NM 88210  
 Phone:(505) 748-1283 Fax:(505) 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-102  
 Permit 78913

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-05-64036	2. Pool Code 97338	3. Pool Name WC: MISSISSIPPIAN GAS
4. Property Code 37167	5. Property Name CRYSTAL DIAMOND	6. Well No. 116
7. OGRID No. 259169	8. Operator Name WATERFORD OPERATING, LLC	9. Elevation 3639

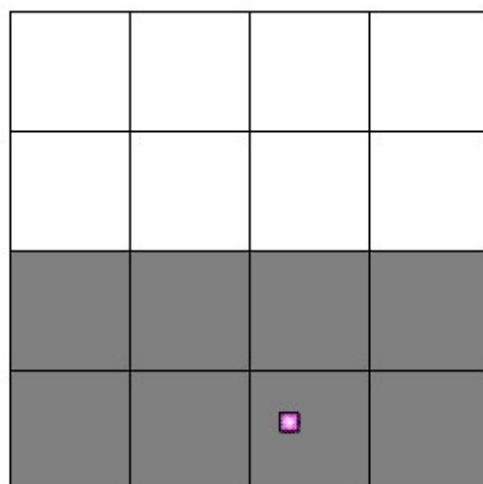
**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	16	12S	28E		763	S	2226	E	CHAVES

**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.00		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: Bill E Prichard

Title:

Date: 7/15/2008

**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: Ronald Eidson

Date of Survey: 6/18/2008

Certificate Number: 3239

# Permit Conditions of Approval

**Operator:** WATERFORD OPERATING, LLC , 259169

**Well:** CRYSTAL DIAMOND #116

**API:** 30-05-64036

OCD Reviewer	Condition
kmwilson	NOTE: NEW PIT RULE -- 19.15.17 NMAC PART 17 A form C-144 must be approved before starting drilling operations.