

**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 138957

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

1. Operator Name and Address BTA OIL PRODUCERS, LLC 104 S. Pecos Midland, TX 79701		2. OGRID Number 260297
		3. API Number 30-025-40315
4. Property Code 305261	5. Property Name GEM 8705 JV-P	6. Well No. 010

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	2	20S	33E	4	990	N	330	W	LEA

**8. Pool Information**

TEAS;BONE SPRING	58960
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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 3584
14. Multiple N	15. Proposed Depth 9800	16. Formation Bone Spring	17. Contractor	18. Spud Date 11/20/2011
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
Int1	12.25	9.625	40	3300	850	0
Surf	17.5	8.375	54.5	1400	1500	0
Prod	8.75	7	29	9800	950	1800

**Casing/Cement Program: Additional Comments**

0-1400' FW Gel, 1400-3300' Brine, 3300-9800' Cut Brine w/MER sweeps
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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	1500	

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 OCD-approved plan <input type="checkbox"/> .	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 10/26/2011	Expiration Date: 10/26/2013
	Conditions of Approval Attached	

Printed Name: Electronically filed by Pam Inskeep  
 Title: Regulatory Administrator  
 Email Address: pinskeep@btaoil.com  
 Date: 10/19/2011 Phone: 432-682-3753

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210  
DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
DISTRICT IV  
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

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

Form C-102  
Revised July 16, 2010  
Submit to Appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-	Pool Code 58960	Pool Name Teas, Bone Spring
Property Code 305261	Property Name 8705 JV-P GEM	Well Number 10
OGRID No. 260297	Operator Name BTA OIL PRODUCERS LLC	Elevation 3584'

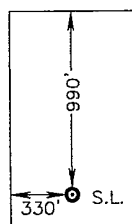
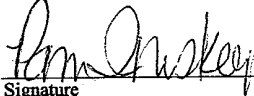
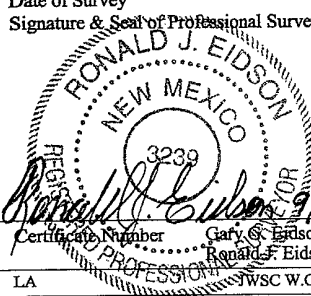
Surface Location

UL or lot No. D	Section 2	Township 20-S	Range 33-E	Lot Idn	Feet from the 990	North/South line NORTH	Feet from the 330	East/West line WEST	County LEA
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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
Dedicated Acres 40	Joint or Infill	Consolidation Code	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

	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=585085.1 N X=713212.5 E LAT.=32.606595° N LONG.=103.640950° W</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p> 10/17/2011 Signature Date</p> <p>Pam Inskeep Printed Name</p> <p>pinskeep@btaoil.com E-mail Address</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>AUGUST 23, 2011 Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor:  Certificate Number Gary S. Eidson 12641 Ronald J. Eidson 3239 LA WSC W.O.: 11.11.1716</p>
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## Permit Comments

Operator: BTA OIL PRODUCERS, LLC , 260297

Well: GEM 8705 JV-P #010

API: 30-025-40315

Created By	Comment	Comment Date
PINSKEEP	This well will be drilled with a Closed Loop System.	10/19/2011
DMULL	Response from BLM & SLO this location not in the Potash.	10/26/2011
DMULL	OCD Hobbs office has received form C-144CLEZ. OCD Permit Number P1-03842.	10/26/2011

## Permit Conditions of Approval

Operator: BTA OIL PRODUCERS, LLC , 260297

Well: GEM 8705 JV-P #010

API: 30-025-40315

OCD Reviewer	Condition
DMULL	Well location is in the POTASH AREA. Requires response from the Bureau of Land Management and the State Land Office. Notice letter advising them of this APD was sent by the OCD Hobbs office.