

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720
District II
811 S. First St., 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-101
August 1, 2011
Permit 139044

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 30-025-40316
4. Property Code 305261	5. Property Name GEM 8705 JV-P	6. Well No. 011H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	2	20S	33E	H	1980	N	660	E	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 3588
14. Multiple N	15. Proposed Depth 15100	16. Formation Bone Spring	17. Contractor	18. Spud Date 11/25/2011
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
Surf	17.5	13.375	54.5	1400	1500	0
Int1	12.25	9.625	40	3300	850	0
Prod	8.75	7	29	10600	1050	1800
Prod	6	4.5	11.6	15000	0	

Casing/Cement Program: Additional Comments

0-1400' FW Gel, 1400-3300' Brine, 3300-15000 Cut Brine w/polymer sweeps - swell packers

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	3000	

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"/> .	OIL CONSERVATION DIVISION	
	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: 10/21/2011

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 11H
OGRID No. 260297	Operator Name BTA OIL PRODUCERS LLC	Elevation 3588'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	2	20-S	33-E		1980	NORTH	660	EAST	LEA

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
E	2	20-S	33-E		1980	NORTH	330	WEST	LEA
Dedicated Acres 160	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>GRID AZ.=269°42'59" HORIZ. DIST.=4302.3'</p>		<p>OPERATOR CERTIFICATION</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><i>Pam Inskeep</i> 10/17/2011 Signature Date</p> <p>Pam Inskeep Printed Name</p> <p>pinskeep@btaoil.com E-mail Address</p>	
<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=584116.6 N X=717515.6 E</p> <p>LAT.=32.603855° N LONG.=103.626997° W</p>		<p>SURVEYOR CERTIFICATION</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 & Seal of Professional Surveyor:</p> <p><i>Ronald J. Eidson</i> 8/15/2011 Certificate Number Gary C. Eidson 12641 Ronald J. Eidson 3239</p> <p>LA PROFESSIONAL SURVEYOR W.O.: 11.11.1715</p>	
<p>BOTTOM HOLE LOCATION Y=584095.4 N X=713214.3 E</p>		<p>SECTION, QUARTER & SIXTEENTH CORNER COORDINATES</p> <p>Ⓐ - Y=584751.9, X=712883.2</p> <p>Ⓑ - Y=583430.5, X=712885.7</p> <p>Ⓒ - Y=584785.3, X=718170.6</p> <p>Ⓓ - Y=583471.0, X=718180.3</p>	

Permit Comments

Operator: BTA OIL PRODUCERS, LLC , 260297

Well: GEM 8705 JV-P #011H

API: 30-025-40316

Created By	Comment	Comment Date
PINSKEEP	This well will be drilled with a Closed Loop System	10/21/2011
PINSKEEP	This will require simultaneous dedication with 8705 JV-P Gem #8 API 30-025-34727.	10/21/2011
DMULL	OCD Hobbs Office received waiver from Intrepid about Potash.	10/26/2011
DMULL	OCD Hobbs office has received form C-144CLEZ. OCD Permit Number P1-03943.	10/26/2011

Permit Conditions of Approval

Operator: BTA OIL PRODUCERS, LLC , 260297

Well: GEM 8705 JV-P #011H

API: 30-025-40316

OCD Reviewer	Condition
DMULL	Well location in the POTASH AREA. Requires resonse from the Bureau of Land Managment and the State Land office. Notice letter advising them of this APD sent by OCD Hobbs office today.
pkautz	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