<u>District I</u> 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

<u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

<u>District IV</u> 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 143642

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

MACK E	Name and Address NERGY CORP	2. OGRID Number 13837	
PO Box 960 Artesia, NM 88211		3. API Number 30-025-40426	
4. Property Code	5. Property Name	6. Well No.	
39055	MAGPIE STATE	001	

7. Surface Location

U	L - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	E	26	188	34E	E	1980	N	330	W	LEA

8. Pool Information

pintoria, porte oranto	AIRSTRIP;BONE SI	RING	960
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Additional Well Information

9. Work Type 10. Well Type New Well OIL 14. Multiple 15. Proposed Depth		100 100 100 100 100 100 100 100 100 100		10.000	13. Ground Level Elevation 3997	
		osed Depth	16. Formation	17. Contractor	18. Spud Date	
N	12	2882	Bone Spring		3/1/2012	
Depth to Ground water			Distance from nearest fresh water	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	12.25	9.625	36	1800	1350	0
Int1	8.75	7	26	9000	985	0
Prod	6 125	4.5	11.6	12882	0	

Casing/Cement Program: Additional Comments

Mack Energy proposes to drill a 12 1/4" hole to 1800', run 9 5/8" casing and cement. Drill a 8 3/4" hole to 9000', run 7" casing and cement. Drill a 6 1/8" hole to TD of 12882' TVD 9207'. Run 4 1/2 packer Plus System. Put well on production.

Proposed Blowout Prevention Program

	1 Toposcu Dionout 1 To	CVCHCION I TOGTUM	
Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	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	OIL CONSERVATION DIVISION Approved By: Paul Kautz				
NMOCD guidelines \square , a general permit \square , or an (attached) alternative OCD-approved plan \square .					
Printed Name: Electronically filed by Jerry Sherrell	Title: Geologist				
Title: Production Clerk	Approved Date: 2/2/2012 Expiration Date: 2/2/2014				
Email Address: jerrys@mec.com	700				
Date: 1/30/2012 Phone: 505-748-1288					

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State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505 Form C-102 August 1, 2011

Permit 143642

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40426	2. Pool Code 960	3. Pool Name AIRSTRIP;BONE SPRING
4. Property Code 39055	5. Property N MAGPIE ST	
7. OGRID No.	8. Operator N	ame 9. Elevation
13837	MACK ENERG	Y CORP 3997

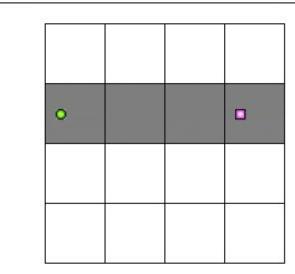
10. Surface Location

	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
1	E	26	188	34E		1980	N	330	W	LEA

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
Н	26	188	34E	H	1980	N	990	E	LEA
12. Dedicated Acres 160.00		13. J	oint 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: Jerry Sherrell Title: Production Clerk Date: 1/30/2012

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: Ronald Eidson Date of Survey: 1/13/2012 Certificate Number: 3239

Permit Comments

Operator: MACK ENERGY CORP , 13837 Well: MAGPIE STATE #001

API: 30-025-40426

Created By	Comment	Comment Date
JWSHERRELL	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	1/27/2012
CHERRERA	OCD RECIEVED FORM C-144 CLEZ. OCD PERMIT # P1-04158	1/31/2012