

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 334-8178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

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 190897

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

1. Operator Name and Address MACK ENERGY CORP PO Box 960 Artesia, NM 88211		2. OGRID Number 13837
4. Property Code 33261		3. API Number 30-025-42051
5. Property Name CONDOR STATE		6. Well No. 005

7. Surface Location

UL - Lot	H	Section	25	Township	18S	Range	34E	Lot Idn	Feet From	1650	N/S Line	N	Feet From	330	E/W Line	E	County	Lea
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8. Proposed Bottom Hole Location

UL - Lot	H	Section	25	Township	18S	Range	34E	Lot Idn	H	Feet From	1650	N/S Line	N	Feet From	330	E/W Line	E	County	Lea
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9. Pool Information

AIRSTRIPE, BONE SPRING	960
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3962
16. Multiple N	17. Proposed Depth 10800	18. Formation Bone Spring	19. Contractor	20. Spud Date 8/21/2014
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	32	1950	925	0
Prod	7.875	5.5	17	10800	0	0
Prod	7.875	5.5	17	9800	1570	0

Casing/Cement Program: Additional Comments

Mack Energy proposes to drill a 12 1/4" hole to 1950', run 8 5/8" casing and cement. Drill a 7 7/8" hole to 10,800', run 5 1/2" HCP-110 9800-10800' & 5 1/2" L-80 0-9800' casing and cement. Put well on production.
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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☐ , if applicable. Signature: _____ Printed Name: Electronically filed by Jerry Sherrell Title: Production Clerk Email Address: jerrys@mec.com Date: 8/18/2014	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 8/18/2014 Expiration Date: 8/18/2016 Conditions of Approval Attached
Phone: 575-748-1288	

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Form C-102
August 1, 2011
Permit 190897

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-42051	2. Pool Code 960	3. Pool Name AIRSTIP,BONE SPRING
4. Property Code 33261	5. Property Name CONDOR STATE	6. Well No. 005
7. OGRID No. 13837	8. Operator Name MACK ENERGY CORP	9. Elevation 3962

10. Surface Location

UL - Lot H	Section 25	Township 18S	Range 34E	Lot Idn	Feet From 1650	N/S Line N	Feet From 330	E/W Line E	County Lea
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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 40.00				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

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Form APD Comments

Permit 190897

PERMIT COMMENTS

Operator Name and Address: MACK ENERGY CORP [13837] PO Box 960 Artesia, NM 88211		API Number: 30-025-42051
		Well: CONDOR STATE #005
Created By	Comment	Comment Date
DWEAVER	H2S concentrations of wells in this area from Surface to TD are low enough that a contingency plan is not required.	8/14/2014

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Form APD Conditions

Permit 190897

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MACK ENERGY CORP [13837] PO Box 960 Artesia, NM 88211	API Number: 30-025-42051
	Well: CONDOR STATE #005

OCD Reviewer	Condition
DMULL	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
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	SURFACE & PRODUCTION CASING - Cement must circulate to surface
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement.