

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 251556

Amended

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

30-005-64294

1. Operator Name and Address MACK ENERGY CORP P.O. Box 960 Artesia, NM 88211-0960		2. OGRID Number 13837
4. Property Code 321286		3. API Number 30-005-64294 <i>64294</i>
5. Property Name AJAX STATE COM		6. Well No. 001H

7. Surface Location

UL - Lot A	Section 36	Township 15S	Range 28E	Lot Idn A	Feet From 736	N/S Line N	Feet From 464	E/W Line E	County Chaves
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8. Proposed Bottom Hole Location

UL - Lot A	Section 25	Township 15S	Range 28E	Lot Idn A	Feet From 5	N/S Line N	Feet From 355	E/W Line E	County Chaves
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9. Pool Information

ROUND TANK;SAN ANDRES	52770
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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 3649
16. Multiple N	17. Proposed Depth 8960	18. Formation San Andres	19. Contractor	20. Spud Date 8/1/2018
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	17.5	13.375	48	500	450	0
Int1	12.25	9.625	36	1500	560	0
Prod	8.75	7	26	3300	1984	0
Prod	8.75	5.5	17	8960	1984	0

Casing/Cement Program: Additional Comments

Mack Energy proposes to drill a 17 1/2 hole to 500', run 13 3/8 csg & cmt, Drill 12 1/4 hole to 1500' run csg & cmt, Drill 8 3/4 hole to 8960', run csg & cmt. 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: 4/26/2018	OIL CONSERVATION DIVISION Approved By: Raymond Podany Title: Geologist Approved Date: 4/27/2018 Expiration Date: 4/27/2020 Conditions of Approval Attached
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expires 7-25-2018

Original APD approved on 7-25-2016. Originally permitted as a vertical well - Amended APD to show horizontal well on 4/27/2018. Original APD expiration still in effect - 7-25-2018.

*Rusty Hearn
5-1-2018*

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Form APD Comments

Permit 261556

PERMIT COMMENTS

Operator Name and Address: MACK ENERGY CORP [13837] P.O. Box 960 Artesia , NM 88211-0960		API Number: 30-005-64312
		Well: AJAX STATE COM #001H
Created By	Comment	Comment Date
dweaver	H2S Concentrations of well in this area are low enough from Surface to TD that a contingency plan is not required.	4/25/2018

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Form APD Conditions

Permit 251558

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MACK ENERGY CORP [13837] P.O. Box 960 Artesia , NM 88211-0960	API Number: 30-005-64312
	Well: AJAX STATE COM #001H

OCD Reviewer	Condition
rpodany	Will require a directional survey with the C-104
rpodany	Cement is required to circulate on both surface and intermediate1 strings of casing