

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 235212

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

1. Operator Name and Address RILEY EXPLORATION OPERATING COMPANY, LLC 2008 N. Council Blanchard, OK 73010		2. OGRID Number 371599
4. Property Code 317689		3. API Number 30-025-43778
5. Property Name MANTEL 35		6. Well No. 004H

7. Surface Location

UL - Lot	D	Section	2	Township	19S	Range	37E	Lot Idn	4	Feet From	330	N/S Line	N	Feet From	300	E/W Line	W	County	Lea
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8. Proposed Bottom Hole Location

UL - Lot	D	Section	35	Township	18S	Range	37E	Lot Idn	D	Feet From	330	N/S Line	N	Feet From	350	E/W Line	W	County	Lea
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9. Pool Information

WC-025 G-06 S193702D;DEVONIAN	98222
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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 3668
16. Multiple N	17. Proposed Depth 10000	18. Formation San Andres	19. Contractor	20. Spud Date 6/1/2017
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	9.625	36	1700	825	0
Prod	8.75	5.5	29	10000	840	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydri	3000	3000	
Double Ram	5000	5000	

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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature: _____ Printed Name: Electronically filed by Laura A Winkler Title: Regulatory Compliance Specialist Email Address: laurawinkler@rileyexploration.com Date: 5/1/2017	<div style="text-align: center;">OIL CONSERVATION DIVISION</div> Approved By: Paul Kautz Title: Geologist Approved Date: 5/2/2017 Expiration Date: 5/2/2019 Conditions of Approval Attached
Phone: 405-485-8200	

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FORM C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Well Number		Well Name		Well Section				
Property Code		Mantel 35		#4H				
Location No.		RILEY EXPLORATION		3668				
Wellface Location								
4	2	19-S	37-E	330'	NORTH	300'	WEST	LEA
Wellface Location						County		
D						LEA		
Wellface Location						County		
D						LEA		
Wellface Location						County		
D						LEA		

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.

LAST TIME PERIOD BOTTOM HOLE LOCATION TOP OF HOLE LAT: 36.000000 LONG: 105.000000		FIRST TIME PERIOD BOTTOM HOLE LOCATION TOP OF HOLE LAT: 36.000000 LONG: 105.000000		SURFACE LOCATION NEARBY ROAD LAT: 36.000000 LONG: 105.000000		SURFACE LOCATION NEARBY ROAD LAT: 36.000000 LONG: 105.000000		SURFACE LOCATION NEARBY ROAD LAT: 36.000000 LONG: 105.000000	
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OPERATOR CERTIFICATION
I hereby certify that the location shown on this plat is true to the best of my knowledge and belief, and that the same is correct and complete as far as the location of the well is concerned.

Signature of Operator
Name of Operator

SURVEYOR CERTIFICATION
I hereby certify that the location shown on this plat is true to the best of my knowledge and belief, and that the same is correct and complete as far as the location of the well is concerned.

Signature of Surveyor
Name of Surveyor

18329

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Form APD Comments

Permit 235212

PERMIT COMMENTS

Operator Name and Address: RILEY EXPLORATION OPERATING COMPANY, LLC [371599] 2008 N. Council Blanchard, OK 73010	API Number: 30-025-43778
	Well: MANTEL 35 #004H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 235212

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: RILEY EXPLORATION OPERATING COMPANY, LLC [371599] 2008 N. Council Blanchard, OK 73010	API Number: 30-025-43778
	Well: MANTEL 35 #004H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
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
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	SURFACE & PRODUCTION CASING - Cement must circulate to surface
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	Only Fresh Water and Air are Valid Drilling Fluids for Surface Casing
pkautz	Operator shall notify appropriate District office when setting conductor pipe.
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 20 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	If an APD expires and if site construction has occurred, site remediation is required.
pkautz	Submit Gas Capture Plan form prior to spud