

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) 334-8170
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 192901

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

1. Operator Name and Address APACHE CORP 303 Veterans Airpark Lane Midland, TX 79705		2. OGRID Number 873
4. Property Code 313597		3. API Number 30-015-42675
5. Property Name RANGER STATE		6. Well No. 008

7. Surface Location

UL - Lot	H	Section	31	Township	17S	Range	28E	Lot Idn	Feet From	1875	N/S Line	N	Feet From	110	E/W Line	E	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	H	Section	31	Township	17S	Range	28E	Lot Idn	H	Feet From	2310	N/S Line	N	Feet From	330	E/W Line	E	County	Eddy
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9. Pool Information

ARTESIA; GLORIETA-YESO (O)	96830
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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 3777
16. Multiple N	17. Proposed Depth 5300	18. Formation Yeso	19. Contractor	20. Spud Date
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	11	8.625	24	400	200	
Prod	7.875	5.5	17	5300	700	

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydril	3000	2000	

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 Bobby Smith Title: _____ Email Address: bobby.smith@apachecorp.com Date: 9/24/2014	<div style="text-align: center;">OIL CONSERVATION DIVISION</div> Approved By: Randy Dade Title: District Supervisor Approved Date: 9/25/2014 Expiration Date: 9/25/2016 Conditions of Approval Attached
Phone: 432-818-1020	

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Form C-102
August 1, 2011
Permit 192901

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-42675	2. Pool Code 96830	3. Pool Name ARTESIA; GLORIETA-YESO (O)
4. Property Code 313597	5. Property Name RANGER STATE	6. Well No. 008
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3777

10. Surface Location

UL - Lot H	Section 31	Township 17S	Range 28E	Lot Idn	Feet From 1875	N/S Line N	Feet From 110	E/W Line E	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot H	Section 31	Township 17S	Range 28E	Lot Idn	Feet From 2310	N/S Line N	Feet From 330	E/W Line E	County Eddy
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

	<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p>E-Signed By: Bobby Smith Title: Date: 9/24/2014</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Surveyed By: JEFFREY HUDSON Date of Survey: 7/15/2014 Certificate Number: 20559</p>
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Form APD Comments

Permit 192901

PERMIT COMMENTS

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705	API Number: 30-015-42675
	Well: RANGER STATE #008

Created By	Comment	Comment Date
CSHAPARD	Land p/S	9/24/2014

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Form APD Conditions
 Permit 192901

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-42675
		Well: RANGER STATE #008

OCD Reviewer	Condition
CSHAPARD	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