

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 168766

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 39959		3. API Number 30-015-41464
5. Property Name JAGUAR STATE		6. Well No. 004

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	8	17S	29E	O	330	S	1650	E	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	8	17S	29E	O	330	S	1650	E	Eddy

9. Pool Information

CEDAR LAKE; GLORIETA-YESO	96831
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3611
16. Multiple N	17. Proposed Depth 5750	18. Formation Yeso Formation	19. Contractor	20. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	400	260	
Prod	7.875	5.5	17	5550	1000	

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: 6/17/2013	<div style="text-align: center;">OIL CONSERVATION DIVISION</div> Approved By: Randy Dade Title: District Supervisor Approved Date: 6/18/2013 Expiration Date: 6/18/2015 Conditions of Approval Attached
Phone: 432-818-1020	

DISTRICT I
1026 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
320 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised July 16, 2010

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

320 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-	Pool Code 96831	Pool Name Cedar Lake; Glorieta - Yeso
Property Code	Property Name JAGUAR STATE	Well Number 4
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3611'

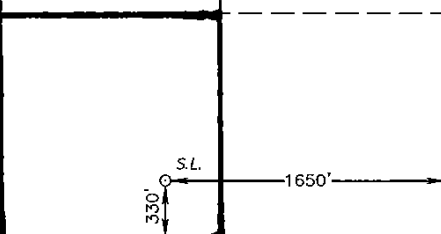

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	8	17 S	29 E		330	SOUTH	1650	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

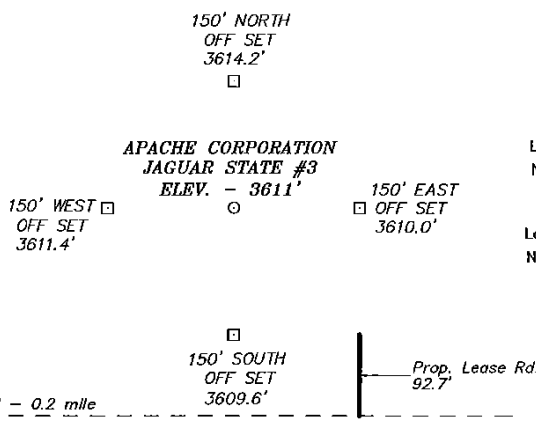
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

32.842614 104.093256	SURFACE LOCATION Lat - N 32°50'33.82" Long - W 104°05'37.56" NMSPCE- N 670401.214 E 614913.102 (NAD-83) Lat - N 32°50'33.41" Long - W 104°05'35.72" NMSPCE- N 670337.825 E 573734.069 (NAD-27)		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 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. <u>Michelle Cooper</u> 6-17-13 Signature Date <u>Michelle Cooper</u> Printed Name <u>michelle.cooper@apachecorp.com</u> Email Address
			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. Date Surveyed Signature of Professional Surveyor  Certificate No. Gary L. Jones 7977 BASIN SURVEYS 28754

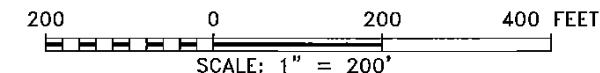
**SECTION 8, TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.**



Co. Rd. 211 (Old Loco Rd)



SURFACE LOCATION
 Lat - N 32°50'33.82"
 Long - W 104°05'37.56"
 NMSPCE - N 670401.214
 E 614913.102
 (NAD-83)
 Lat - N 32°50'33.41"
 Long - W 104°05'35.72"
 NMSPCE - N 670337.825
 E 573734.069
 (NAD-27)



Directions to Location:

FROM THE JUNCTION OF CO. RD. 211(OLD LOCO)
 AND US HWY 82, GO NORTH ON CO. RD. 211 FOR
 2.0 MILES TO LEASE ROAD, THEN EAST ON LEASE
 ROAD FOR 0.2 MILE TO PROPOSED LEASE ROAD.

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 28754 Drawn By: K. GOAD

Date: 05-29-2013 Disk: KJG - 28754WELL.DWG

APACHE CORPORATION

REF: JAGUAR STATE #4 / WELL PAD TOPO

THE JAGUAR STATE #4 LOCATED 330' FROM
 THE SOUTH LINE AND 1650' FROM THE EAST LINE OF
 SECTION 8, TOWNSHIP 17 SOUTH, RANGE 29 EAST,
 N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 05-20-2013 Sheet 1 of 1 Sheets

Permit Comments

Operator: APACHE CORP , 873

Well: JAGUAR STATE #004

API: 30-015-41464

Created By	Comment	Comment Date
CSHAPARD	Land p/S	6/18/2013

Permit Conditions of Approval

Operator: APACHE CORP , 873
Well: JAGUAR STATE #004
API: 30-015-41464

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