

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) 334-6178 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 179833

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 308722		3. API Number 30-015-41961
5. Property Name MJ STATE		6. Well No. 004

7. Surface Location

UL - Lot D	Section 2	Township 18S	Range 27E	Lot Idn	Feet From 1200	N/S Line N	Feet From 1140	E/W Line W	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot D	Section 2	Township 18S	Range 27E	Lot Idn D	Feet From 990	N/S Line N	Feet From 990	E/W Line W	County Eddy
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9. Pool Information

RED LAKE; GLORIETA-YESO, NORTHEAST	96836
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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 3584
16. Multiple N	17. Proposed Depth 4000	18. Formation Yeso Formation	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	300	200	
Prod	7.875	5.5	17	4000	520	

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 ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature: _____ Printed Name: Electronically filed by Bobby Smith Title: _____ Email Address: bobby.smith@apachecorp.com Date: 1/14/2014	OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 1/15/2014 Expiration Date: 1/15/2016 Conditions of Approval Attached
Phone: 432-818-1020	

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 96830	Pool Name Artesia; Glorieta - Yeso
Property Code	Property Name MJ STATE	Well Number 4
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3584'

Surface Location

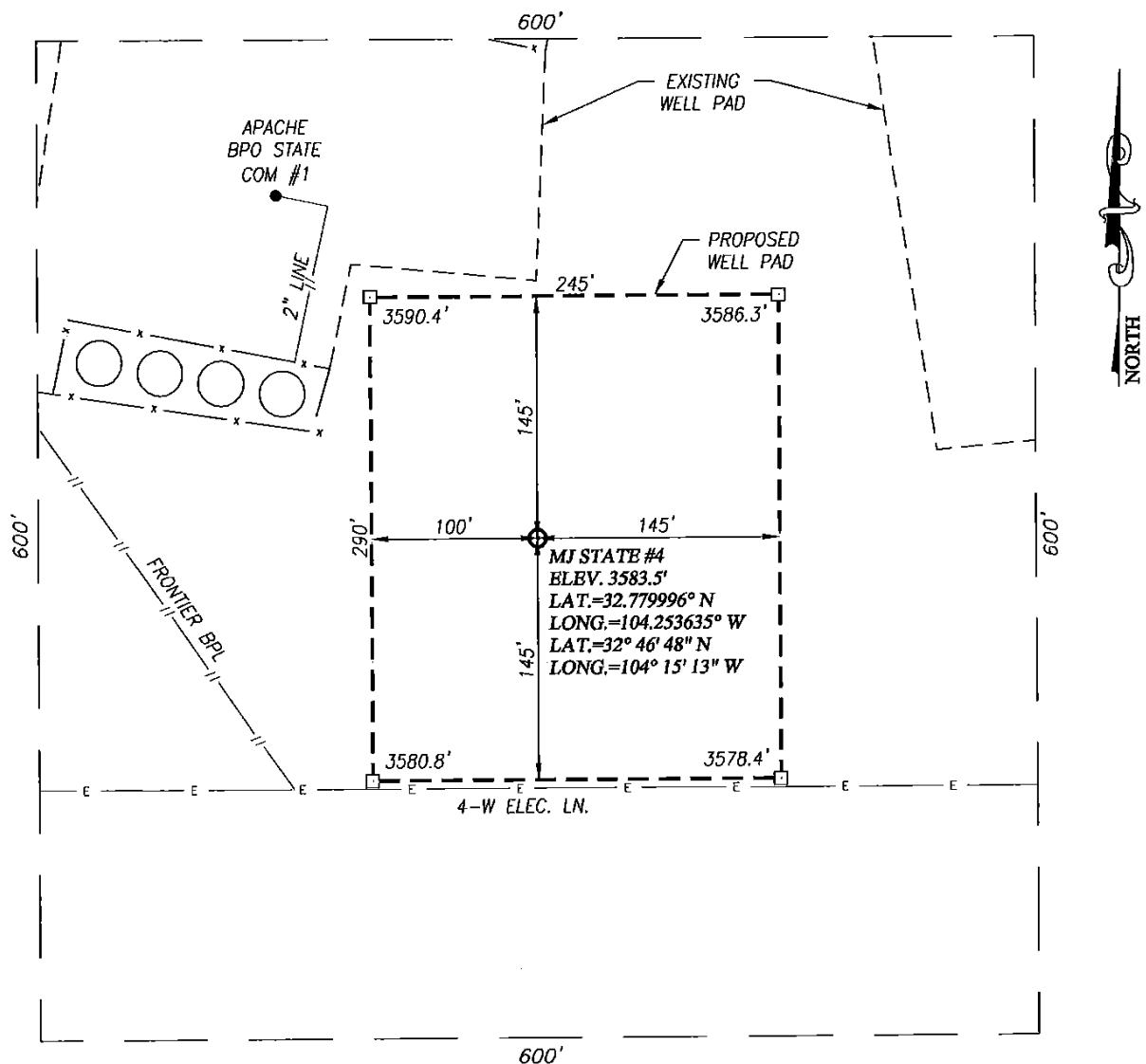
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	2	18-S	27-E		1200	NORTH	1140	WEST	EDDY

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
4	2	18-S	27-E		990	NORTH	990	WEST	EDDY
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

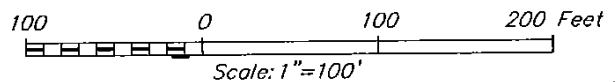
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

GRID AZ. = 323°49'56" HORIZ. DIST. = 259.7' CORNER COORDINATES TABLE <table> <tr> <td>A</td> <td>-</td> <td>Y=648679.8 N, X=523336.4 E</td> </tr> <tr> <td>B</td> <td>-</td> <td>Y=648682.7 N, X=524651.1 E</td> </tr> <tr> <td>C</td> <td>-</td> <td>Y=647374.1 N, X=524673.2 E</td> </tr> <tr> <td>D</td> <td>-</td> <td>Y=647368.8 N, X=523356.7 E</td> </tr> </table>	A	-	Y=648679.8 N, X=523336.4 E	B	-	Y=648682.7 N, X=524651.1 E	C	-	Y=647374.1 N, X=524673.2 E	D	-	Y=647368.8 N, X=523356.7 E	LOT 4 LOT 3 LOT 2 LOT 1 GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=647482.7 N X=524494.7 E LAT.=32.779996° N LONG.=104.253635° W LAT.=32° 46' 48" N LONG.=104° 15' 13" W BOTTOM HOLE LOCATION Y=647692.3 N X=524341.5 E	OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Michelle Cooper</i> 1-14-14 Signature Date <i>Michelle Cooper</i> Printed Name <i>michelle.cooper@apachecorp.com</i> E-mail 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. DECEMBER 17, 2013 Date of Survey Signature & Seal of Professional Surveyor: <i>GARY G. EIDSON</i> Certificate Number: Gary G. Eidson 12641 Ronald J. Eidson 3239 BKL JWSC W.O. 13.41.1367
A	-	Y=648679.8 N, X=523336.4 E												
B	-	Y=648682.7 N, X=524651.1 E												
C	-	Y=647374.1 N, X=524673.2 E												
D	-	Y=647368.8 N, X=523356.7 E												



DIRECTIONS TO LOCATION

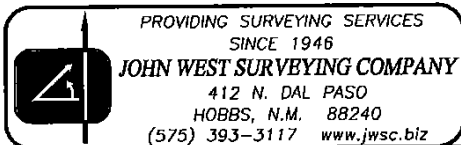
FROM THE INTERSECTION OF US. HIGHWAY 82 AND CO. RD. 204 (HILLTOP) GO SOUTH APPROX. 0.25 MILES TO THE INTERSECTION OF CO. RD. 325 (EMPIRE) AND CO. RD. 204 (HILL TOP); VEER RIGHT AND GO SOUTH-SOUTHWEST ALONG EMPIRE ROAD APPROX. 2.2 MILES; TURN LEFT AND GO SOUTH APPROX. 300 FEET TO THE APACHE BPO STATE COM #1 WELL. THIS LOCATION IS APPROX. 260 FEET SOUTHEAST.



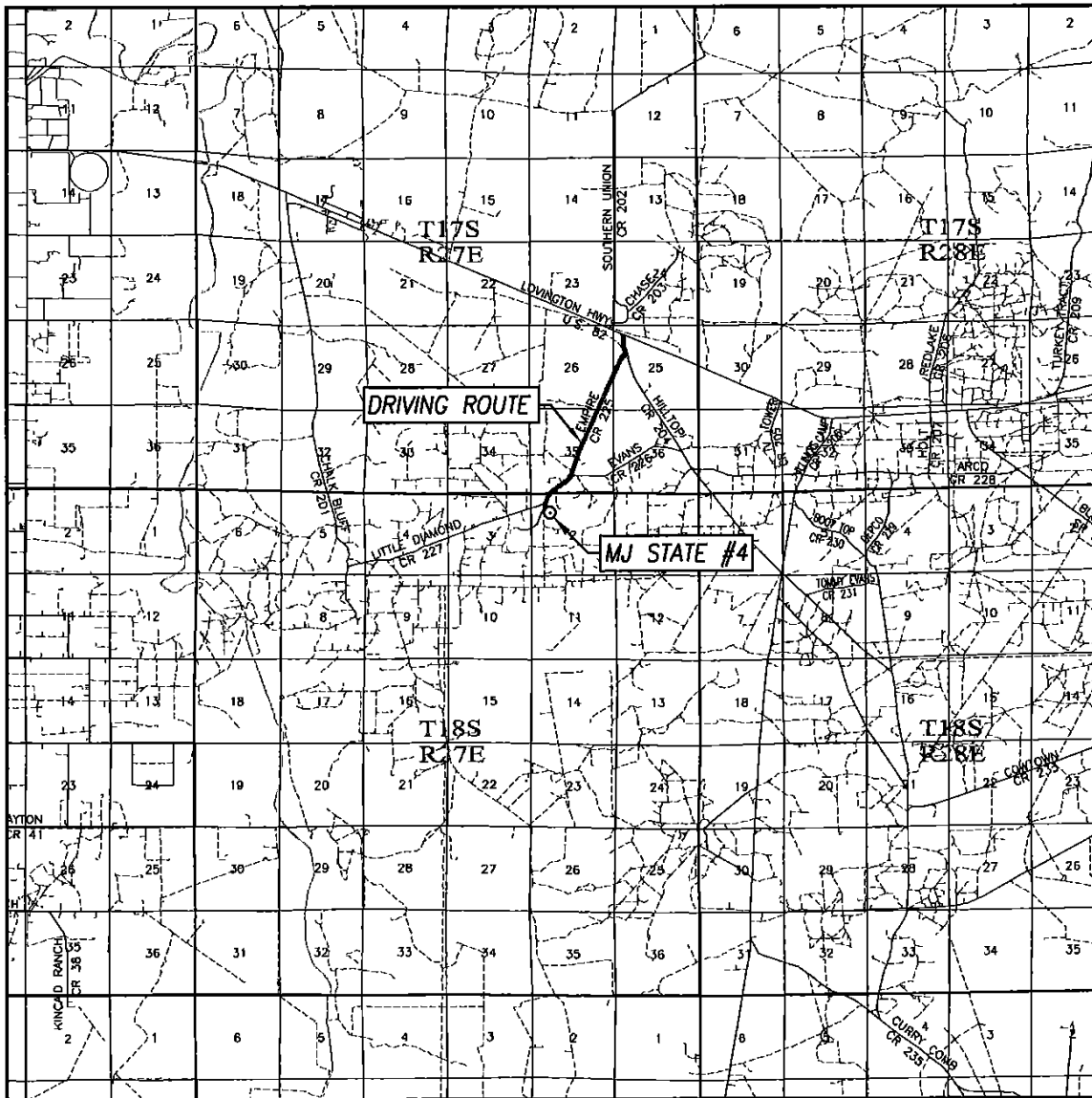
APACHE CORPORATION

MJ STATE #4 WELL
LOCATED 1200 FEET FROM THE NORTH LINE
AND 1140 FEET FROM THE WEST LINE OF SECTION 2,
TOWNSHIP 18 SOUTH, RANGE 27 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

Survey Date: 12/17/13	CAD Date: 12/27/13	Drawn By: BKL
W.O. No.: 13111367	Rev: .	Rel. W.O.: Sheet 1 of 1



VICINITY MAP



SCALE: 1" = 2 MILES

DRIVING ROUTE: SEE LOCATION VERIFICATION MAP

SEC. 2 TWP. 18-S RGE. 27-E

SURVEY N.M.P.M.

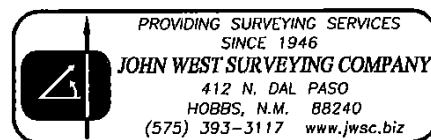
COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 1200' FNL & 1140' FWL

ELEVATION 3584'

OPERATOR APACHE CORPORATION

LEASE MJ STATE



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Form APD Comments

Permit 179833

PERMIT COMMENTS

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-41961
		Well: MJ STATE #004
Created By	Comment	Comment Date
CSHAPARD	Land s/S	1/15/2014
CSHAPARD	Please provide updated Land Plat including pool change.	1/15/2014

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Form APD Conditions

 Permit 179833

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-41961
		Well: MJ STATE #004
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	