

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-8181 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 180498

**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 308700		3. API Number 30-015-42003
5. Property Name SB 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
E	2	18S	27E		2515	N	800	W	Eddy

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	2	18S	27E	E	2310	N	990	W	Eddy

**9. Pool Information**

RED LAKE;GLORIETA-YESO	51120
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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 3551
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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable.  Signature: _____ Printed Name: Bobby Smith Title: _____ Email Address: bobby.smith@apachecorp.com Date: 1/27/2014	<div style="text-align: center;"><b>OIL CONSERVATION DIVISION</b></div>  Approved By: Randy Dade Title: District Supervisor Approved Date: 1/28/2014      Expiration Date: 1/28/2016 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 <b>30-015-</b>	Pool Code	Pool Name <b>Artesia ; Glorieta - Yeso</b>
Property Code	Property Name <b>SB STATE</b>	Well Number <b>4</b>
OGRID No. <b>873</b>	Operator Name <b>APACHE CORPORATION</b>	Elevation <b>3551'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	2	18-S	27-E		2515	NORTH	800	WEST	EDDY

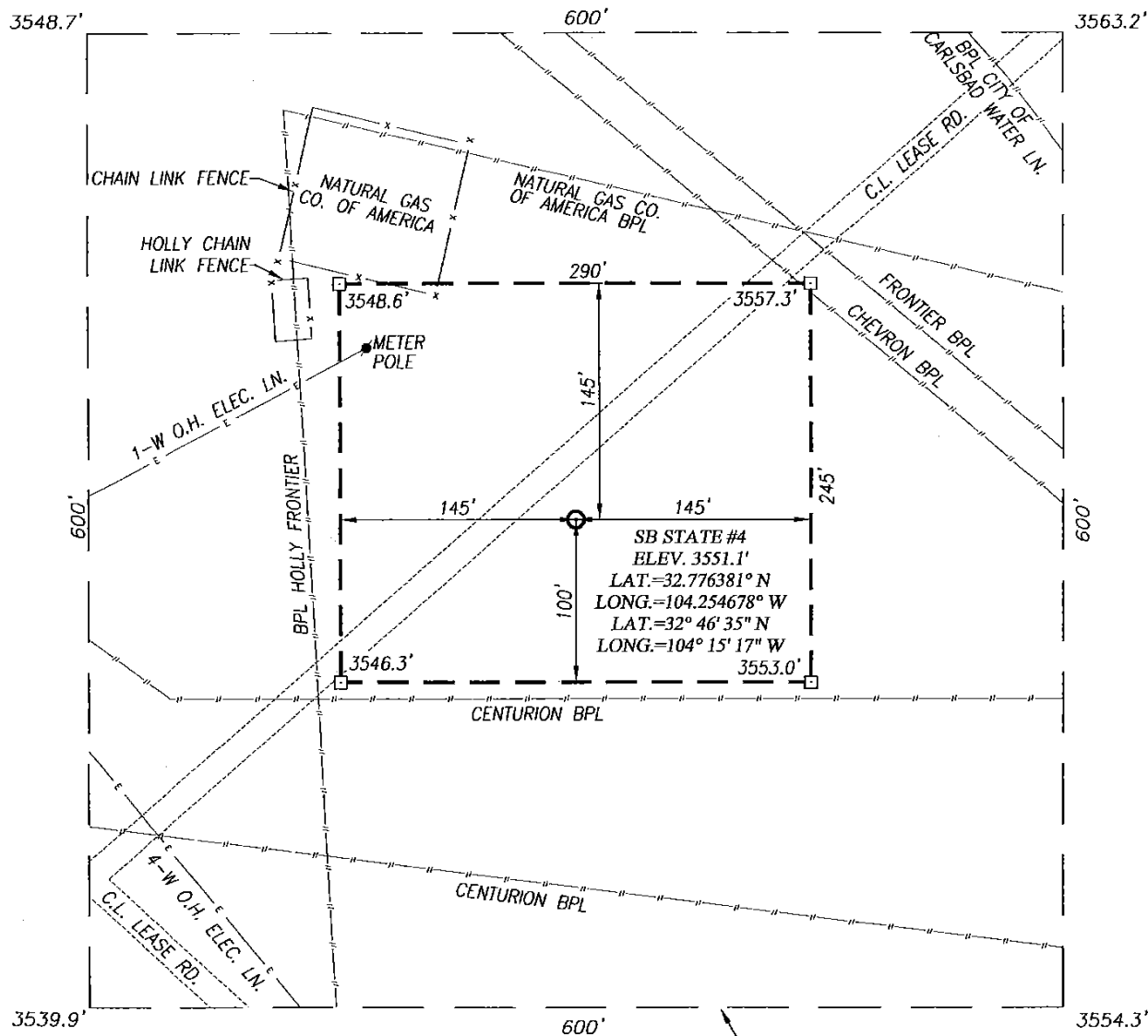
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	2	18-S	27-E		2310	NORTH	990	WEST	EDDY

Dedicated Acres <b>40</b>	Joint or Infill	Consolidation Code	Order No.
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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>CORNER COORDINATES TABLE</p> <p>A - Y=647368.6 N, X=523356.7 E          B - Y=647373.9 N, X=524673.2 E          C - Y=646086.6 N, X=524694.9 E          D - Y=646083.5 N, X=523376.6 E</p>	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=646167.3 N X=524175.2 E</p> <p>LAT.=32.776381° N LONG.=104.254678° W</p> <p>LAT.=32° 46' 35" N LONG.=104° 15' 17" W</p> <p>BOTTOM HOLE LOCATION Y=646372.7 N X=524362.0 E</p>
	<p>GRID AZ.=42°16'36"</p> <p>HORZ. DIST.=277.7'</p>	
	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>Michelle Cooper</i> 1-4-14 Signature Date  <i>Michelle Cooper</i> Printed Name  <i>michelle.cooper@apachecorp.com</i> E-mail Address</p>	
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>DECEMBER 30, 2013</p> <p>Date of Survey          Signature &amp; Seal of Professional Surveyor:    <i>Gary G. Eidson</i> 1/14/14          Certificate Number Gary G. Eidson 12641          Ronald J. Eidson 3239          ACK 13.11.1366</p>	



NOTE:  
SEE "LOCATION VERIFICATION MAP"  
FOR PROPOSED ROAD LOCATION.

#### DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF US HWY 82 (LOVINGTON HWY.)  
AND CO. RD. #204 (HILLTOP RD.), GO SOUTH ON HILLTOP  
ROAD APPROX. 0.25 MILES TO THE INTERSECTION OF HILLTOP  
ROAD AND CO. RD. 225 (EMPIRE ROAD); GO  
SOUTH-SOUTHWEST ON EMPIRE ROAD APPROX. 1.6 MILES, VEER  
RIGHT AND GO SOUTHWEST APPROX. 0.5 MILES; TURN LEFT AND  
GO SOUTH ON LEASE ROAD APPROX. 0.3 MILES. THIS LOCATION  
IS EAST OF ROAD APPROX. 30 FEET.

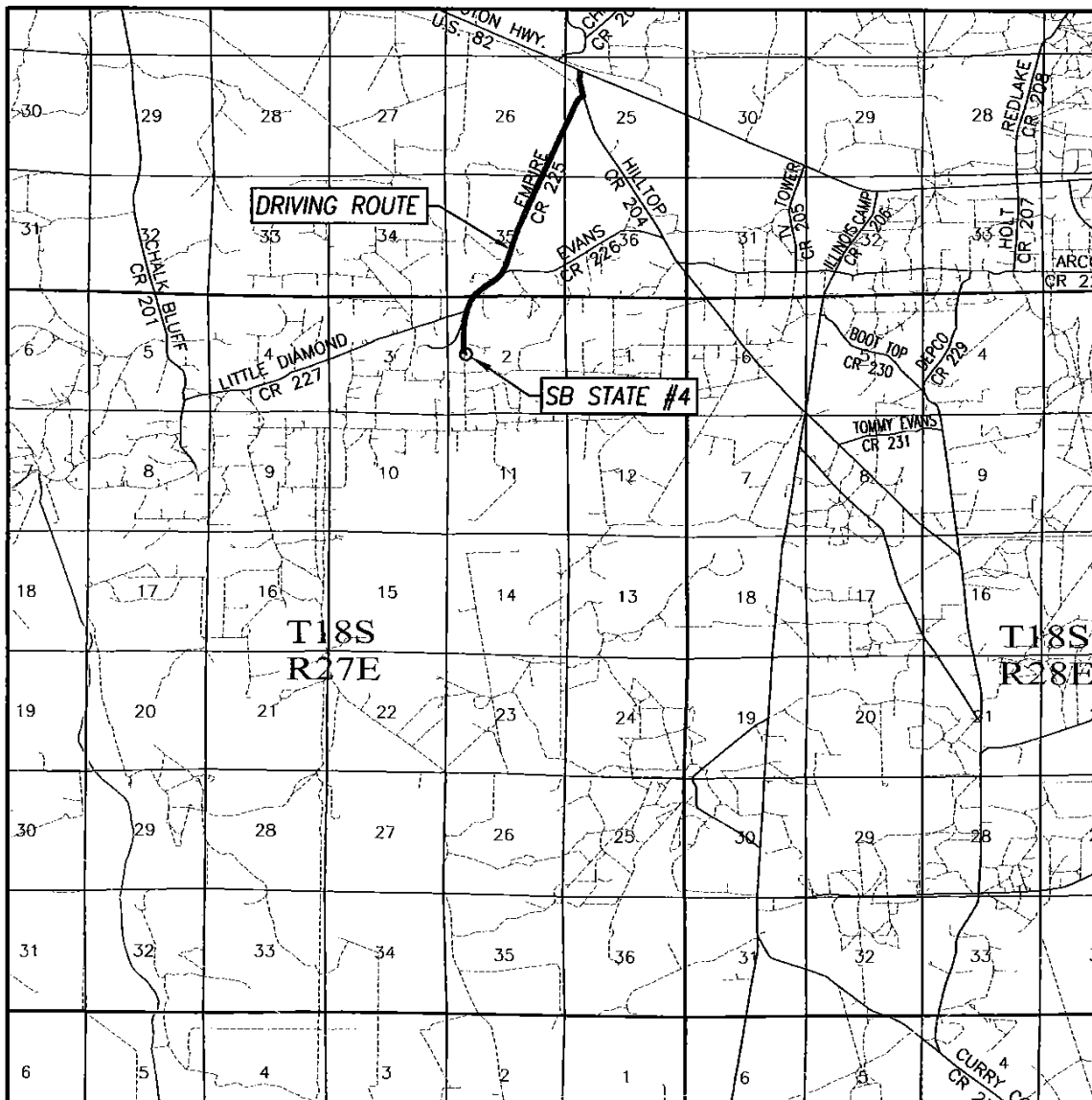
PROVIDING SURVEYING SERVICES  
SINCE 1946  
**JOHN WEST SURVEYING COMPANY**  
412 N. DAL PASO  
HOBBS, N.M. 88240  
(575) 393-3117 www.jwsc.biz

## APACHE CORPORATION

**SB STATE #4 WELL**  
LOCATED 2515 FEET FROM THE NORTH LINE  
AND 800 FEET FROM THE WEST LINE OF SECTION 2,  
TOWNSHIP 18 SOUTH, RANGE 27 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO

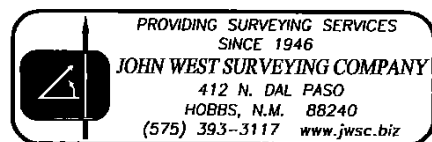
Survey Date: 12/30/13	CAD Date: 1/10/13	Drawn By: ACK
W.O. No.: 13111366	Rev. :	Rel. W.O.:
		Sheet 1 of 1

# 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 2515' FNL & 800' FWL  
ELEVATION 3551'  
OPERATOR APACHE CORPORATION  
LEASE SB STATE



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Form APD Comments  
Permit 180498

**PERMIT COMMENTS**

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-42003
		Well: SB STATE #004
Created By	Comment	Comment Date
CSHAPARD	Land s/S	1/27/2014

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Form APD Conditions  
Permit 180498

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-42003
		Well: SB 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