

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	E	Section	2	Township	18S	Range	27E	Lot Idn		Feet From	2515	N/S Line	N	Feet From	800	E/W Line	W	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	E	Section	2	Township	18S	Range	27E	Lot Idn	E	Feet From	2310	N/S Line	N	Feet From	990	E/W Line	W	County	Eddy
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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 ☒ and/or 19.15.14.9 (B) NMAC ☒ , if applicable. Signature: _____ Printed Name: Bobby Smith Title: _____ Email Address: bobby.smith@apachecorp.com Date: 1/27/2014	OIL CONSERVATION DIVISION 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 30-015-	Pool Code	Pool Name Artesia ; Glorieta - Yeso
Property Code	Property Name SB STATE	Well Number 4
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3551'

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 40	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

	CORNER COORDINATES TABLE 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	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=646167.3 N X=524175.2 E	
	GRID AZ.=42°16'36" HORZ. DIST.=277.7'	LAT.=32.776381° N LONG.=104.254678° W	LAT.=32° 46' 35" N LONG.=104° 15' 17" W
	BOTTOM HOLE LOCATION Y=646372.7 N X=524362.0 E	DATE DECEMBER 30, 2013	DATE OF SURVEY 12/14/14
	ACK	ACK	ACK

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.

Michelle Cooper 1-4-14
Signature Date

Michelle Cooper
Printed Name

michelle.cooper@apachecorp.com
E-mail Address

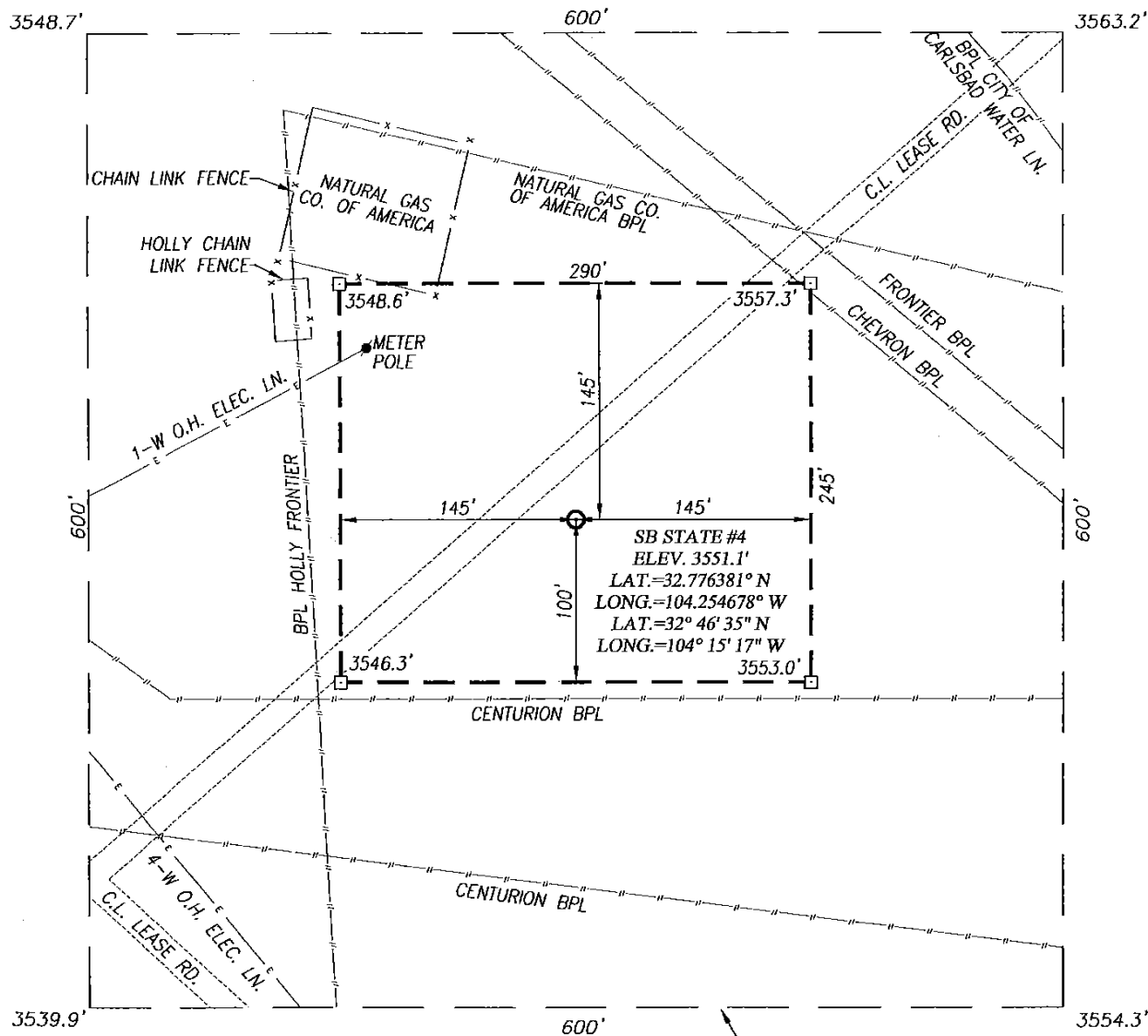
SURVEYOR CERTIFICATION

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 30, 2013
Date of Survey
Signature & Seal of Professional Surveyor:

GARY G. EIDSON
GARY G. EIDSON
12641
Certificate Number
Gary G. Eidson 12641
Ronald J. Eidson 3239

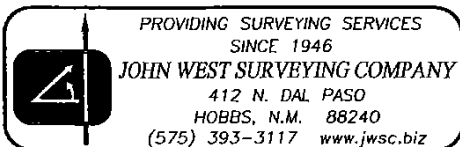
ACK 13.11.1366



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.

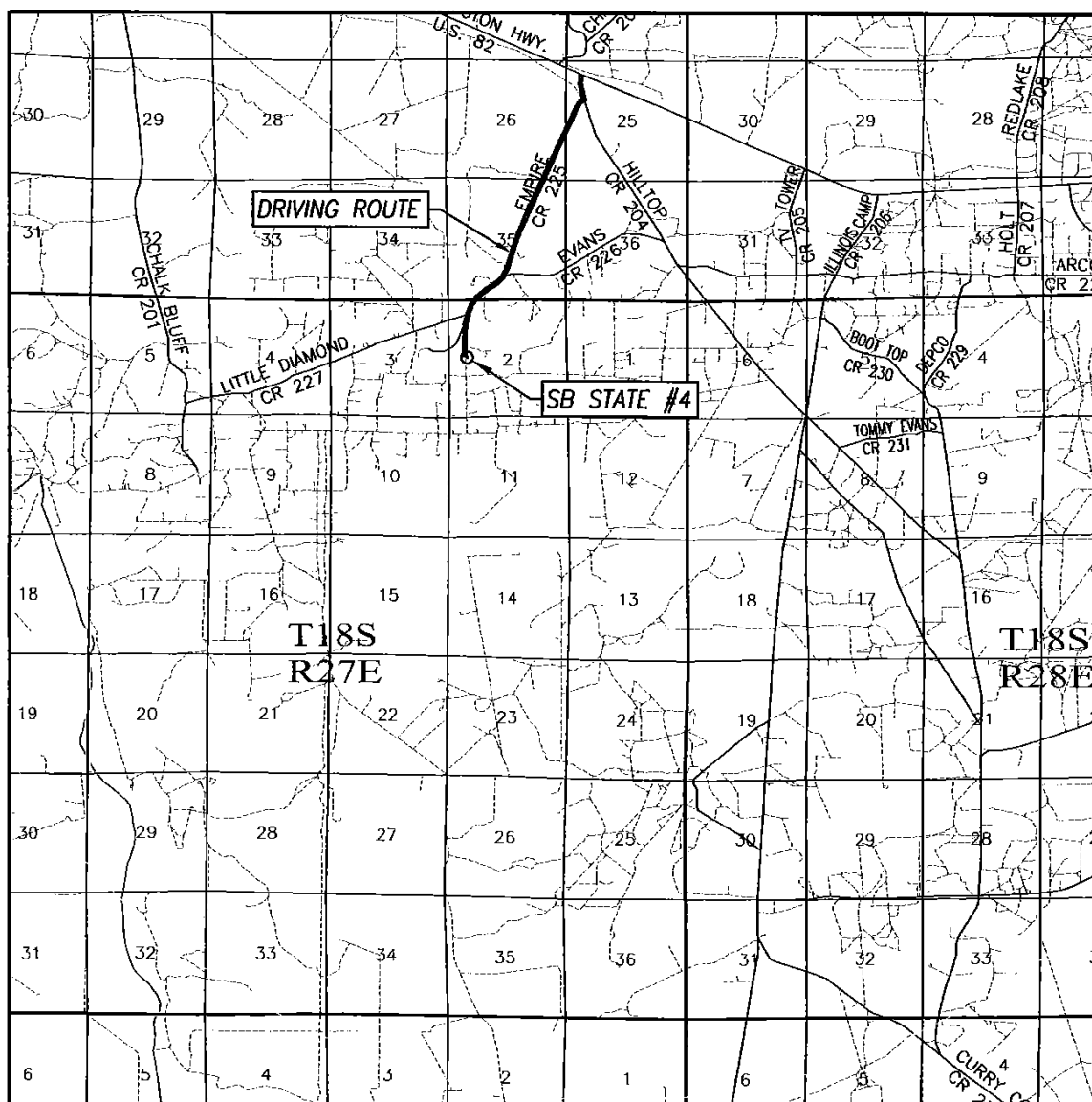


APACHE CORPORATION

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

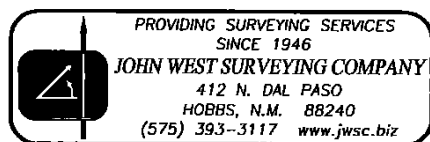
Survey Date: 12/30/13	CAD Date: 1/10/13	Drawn By: ACK
W.O. No.: 13111366	Rev.:	Rel. W.O.:
		Sheet 1 of 1

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	