

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 184901

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 302708		3. API Number 30-025-41798
5. Property Name NORTH MONUMENT G/SA UNIT		6. Well No. 397

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	35	19S	36E		1310	S	1340	E	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	35	19S	36E	O	1310	S	1340	E	Lea

9. Pool Information

EUNICE MONUMENT;GRAYBURG-SAN ANDRES	23000
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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 3581
16. Multiple N	17. Proposed Depth 3950	18. Formation Grayburg	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	1033	430	
Prod	7.875	5.5	17	3950	750	

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: 4/18/2014	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 4/21/2014 Expiration Date: 4/21/2016 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, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-	² Pool Code 23000	³ Pool Name Eunice Monument; Grayburg-San Andres
⁴ Property Code 302708	⁵ Property Name NMGSAU	⁶ Well Number #397
⁷ OGRID No. 873	⁸ Operator Name APACHE CORPORATION	⁹ Elevation 3580.994

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
15	35	19 S	36 E		1,310	SOUTH	1,340	EAST	LEA

" 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

¹⁰ Dedicated Acres 40	¹¹ Joint or Infill	¹² Consolidation Code	¹³ Order No.
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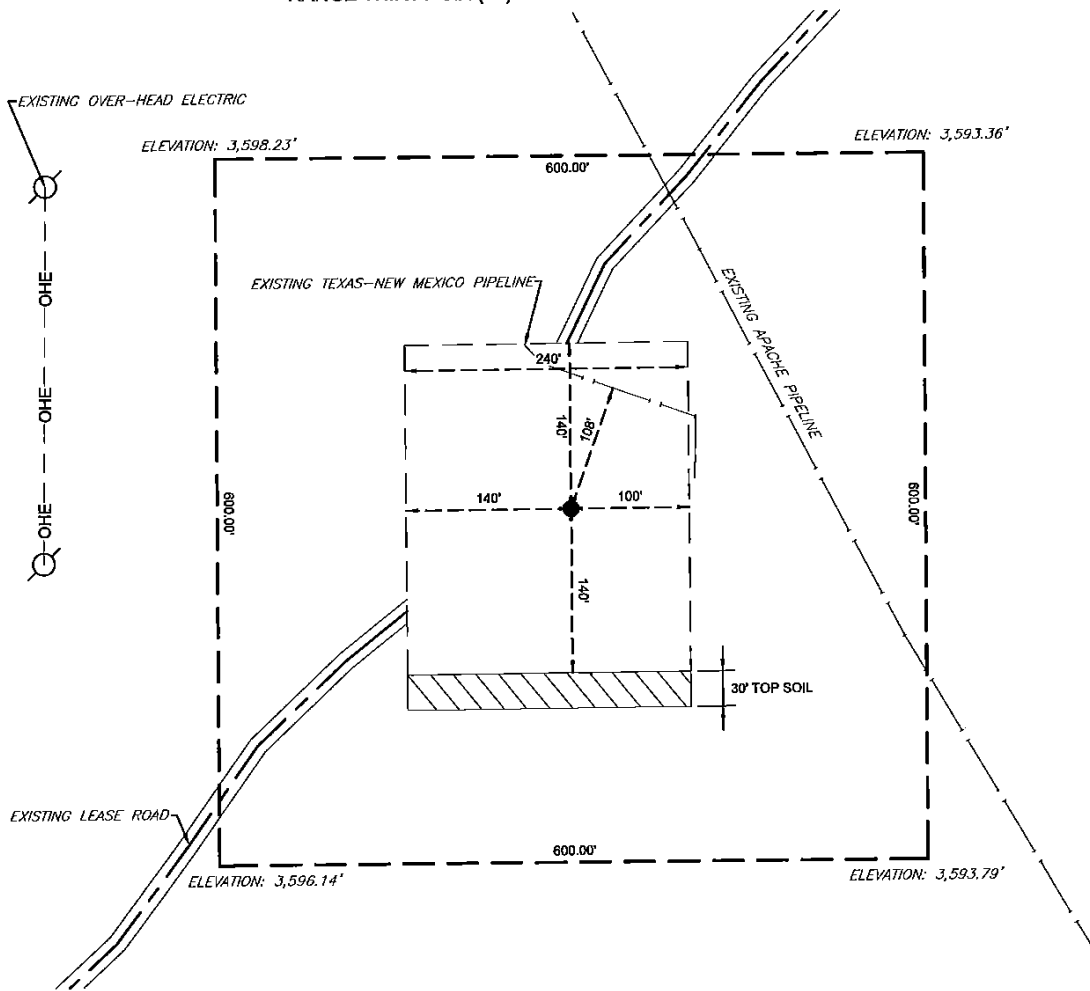
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SECTION 35, TOWNSHIP 19 SOUTH, RANGE 36 EAST P.M.

FOUND 3 INCH IRON PIPE, MARKED "U.S. GENERAL LAND OFFICE" LAT: 32.623911 LONG: -103.316149 NAD83 E: 807904.104 (N.A.D. 83)		FOUND 3 INCH IRON PIPE, MARKED "U.S. GENERAL LAND OFFICE" LAT: 32.623931 LONG: -103.316149 NAD83 E: 807904.117 (N.A.D. 83)	" 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. <i>Michelle Cooper</i> 4-18-14 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. 27 APR 2011 Date of Survey <i>Jeffrey E. Hudson</i> Signature and Seal of Professional Surveyor 20559 Certificate Number

LEA COUNTY, NEW MEXICO

SECTION THIRTY-FIVE (35), TOWNSHIP NINETEEN (19) SOUTH,
RANGE THIRTY-SIX (36) EAST OF THE PRINCIPAL MERIDIAN



COORDINATE TABLE				
WELL NAME	NORTHING (N.A.D. 27)	EASTING (N.A.D. 27)	NORTHING (N.A.D. 83)	EASTING (N.A.D. 83)
NMGSAU #397 SURFACE LOCATION & PENETRATION POINT	588198.266	811857.004	588217.531	853187.740
ELEVATION	LATITUDE (N.A.D. 27)	LONGITUDE (N.A.D. 27)	LATITUDE (N.A.D. 83)	LONGITUDE (N.A.D. 83)
3,580.994'	32.612977	-103.320552	32.612977	-103.320552

PREPARED FROM SURVEY
DATED: MARCH 27, 2014

THE NMGSAU #397 IS LOCATED APPROXIMATELY 3.5
MILES WEST-SOUTHWEST OF
MONUMENT, NEW MEXICO



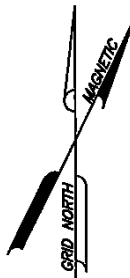
SCALE: 1" = 100'
GRAPHIC SCALE IN FEET

NOTES:

1.) BEARINGS & COORDINATES SHOWN HEREON ARE REFERENCED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, N.A.D. 27 & 83 DATUM (NEW MEXICO EAST ZONE) DERIVED FROM GPS OBSERVATIONS AND ARE BASED REFERENCE STATIONS - "E 148" - MLLJMAN NE (1988)

2.) LATITUDE & LONGITUDE ARE NAD 83 & 27 GEOGRAPHIC.

3.) THIS IS AN WELL PLAT AND DOES NOT REPRESENT A TRUE BOUNDARY SURVEY. THIS SURVEY IS BASED ON OWNERSHIP AND EASEMENT INFORMATION PROVIDED BY APACHE CORPORATION. SURVEYOR DID NOT ABSTRACT SUBJECT TRACT AND THERE MAY BE EASEMENTS OR OTHER ENCUMBRANCES THAT AFFECT THE SUBJECT TRACT THAT ARE NOT SHOWN HEREON.



Apache

Location of

NMGSAU #397

Surface Location & Penetration Point, 1,310' FSL & 1,340' FEL

Section 35, Township 19 South, Range 36 East of P.M.

Lea County, New Mexico



8205 Camp Bowie West, Suite 204
Fort Worth, Texas 76116
(817) 386-0362 ~ Fax (882) 224-9377

DRAWN BY: P.R.W. DATE: 4-08-14 DWG. NO.
CHECKED BY: DATE: NMGSAU #397 WELL LOCATION
SCALE: 1" = 100' APP.: PAGE 1 OF 1

REV.
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Form APD Comments

Permit 184901

PERMIT COMMENTS

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-025-41798
		Well: NORTH MONUMENT G/SA UNIT #397

Created By	Comment	Comment Date
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Form APD Conditions

Permit 184901

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705	API Number: 30-025-41798
	Well: NORTH MONUMENT G/SA UNIT #397

OCD Reviewer	Condition
pkautz	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
pkautz	SURFACE & PRODUCTION CASING - Cement must circulate to surface
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water