

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 163217

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 30-025-41046
5. Property Name NORTH MONUMENT G/SA UNIT		6. Well No. 393

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	30	19S	37E	J	1330	S	1330	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
J	30	19S	37E	J	1330	S	1330	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 3611
16. Multiple N	17. Proposed Depth 4100	18. Formation San Andres	19. Contractor	20. Spud Date
Depth to Ground water 13		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	11	8.625	24	1239	430	
Prod	7.875	5.5	17	4019	580	

Casing/Cement Program: Additional Comments

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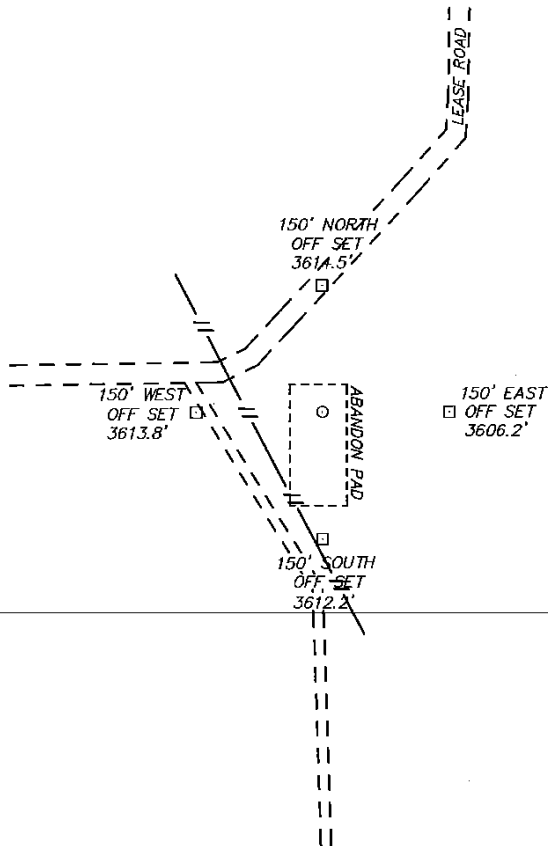
22. Proposed Blowout Prevention Program

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	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 3/5/2013 Expiration Date: 3/5/2015 Email Address: bobby.smith@apachecorp.com Date: 2/28/2013 Phone: 432-818-1020 Conditions of Approval Attached
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N 597640.83 E 859685.89 (NAD-83)		N 597643.89 E 862272.95 (NAD-83)	N 597647.80 E 864911.30 (NAD-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>Vicki Brown</i> 2/27/13 Signature Date <u>Vicki Brown</u> Printed Name <u>vicki.brown@apachecorp.com</u> Email Address
		<div data-bbox="589 1404 810 1633" style="border: 2px solid black; padding: 5px; text-align: center;"> SURFACE LOCATION Lat - N 32°37'39.88" Long - W 103°17'11.39" NMSPCE- N 593691.85 E 863620.70 (NAD-83) </div> <div data-bbox="589 1633 810 1852"> Lat - N 32°37'39.44" Long - W 103°17'09.66" NMSPCE- N 593629.755 E 822438.899 (NAD-27) </div>	<div data-bbox="810 1404 1029 1852" style="text-align: center;"> 1330' 1330' </div>	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. <div data-bbox="1101 1541 1360 1770" style="text-align: center;"> </div> Date Surveyed Signature & Title of Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS 27983
N 592354.60 E 862544.07 (NAD-83)			N 592371.15 E 864963.67 (NAD-83)	

SECTION 30, TOWNSHIP 19 SOUTH, RANGE 37 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



APACHE CORPORATION
NMGSAU #393
ELEV. - 3611
SURFACE LOCATION
Lat - N 32°37'39.88"
Long - W 103°17'11.39"
NMSPCE- N 593691.85
E 863620.70
(NAD-83)
Lat - N 32°37'39.44"
Long - W 103°17'09.66"
NMSPCE- N 593629.755
E 822438.899
(NAD-27)

DRIVING DIRECTIONS

FROM MADDOX ROAD AND PEARL VALLEY GO EAST .7 MILES TO
PROPOSED LOCATION.



SCALE: 1" = 200'

APACHE CORPORATION

REF: NMGSAU #393 / WELL PAD TOPO

THE NMGSAU #393 LOCATED 1330'

FROM THE SOUTH LINE AND 1330' FROM THE EAST LINE OF

SECTION 30, TOWNSHIP 19 SOUTH, RANGE 37 EAST,

N.M.P.M., LEA COUNTY, NEW MEXICO.

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

W.O. Number: 27983

Drawn By: D. JONES

Date: 02-05-20113 Disk: DAJ 27983

Survey Date: 01-31-2013

Sheet 1 of 1 Sheets

Permit Comments

Operator: APACHE CORP , 873

Well: NORTH MONUMENT G/SA UNIT #393

API: 30-025-41046

Created By	Comment	Comment Date
pkautz	Land s/S	2/28/2013
CHERRERA	OCD RECEIVED FORM C144 CLEZ. OCD PERMIT # P1-05847	3/5/2013

Permit Conditions of Approval

Operator: APACHE CORP , 873

Well: NORTH MONUMENT G/SA UNIT #393

API: 30-025-41046

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	In order to seal off protectable water, surface casing must be set 25' below top of Rustler Anhydrite.