

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

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
		3. API Number 30-025-39916
4. Property Code 22503	5. Property Name NORTHEAST DRINKARD UNIT	6. Well No. 166

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	2	21S	37E	5	1350	N	600	W	LEA

8. Pool Information

EUNICE;BLI-TU-DR, NORTH	22900
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3499
14. Multiple N	15. Proposed Depth 7150	16. Formation Drinkard	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1465	700	
Prod	7.875	5.5	17	7150	850	

Casing/Cement Program: Additional Comments

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydril	3000	2000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
Printed Name: Electronically filed by Bobby Smith	Approved By: Paul Kautz	
Title:	Title: Geologist	
Email Address: bobby.smith@apachecorp.com	Approved Date: 9/27/2010	Expiration Date: 9/27/2012
Date: 9/22/2010	Phone: 432-818-1020	Conditions of Approval Attached

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

11885 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410

DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-	Pool Code 22900	Pool Name Eunice; Bli - Tu - Dr, North
Property Code 22503	Property Name NORTHEAST DRINKARD UNIT	Well Number 166
OGRID No.	Operator Name APACHE CORPORATION	Elevation 3499'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
5	2	21-S	37-E		1350	NORTH	600	WEST	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
Dedicated Acres 40	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

<p>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION</p> <p>Y=554372.5 N X=867855.2 E</p> <p>LAT.=32.518418" N LONG.=103.139957" W</p> <p>LAT.=32°31'06.30" N LONG.=103°08'23.84" W</p>	<p>D4 LOT 4</p>	<p>C3 LOT 3</p>	<p>B2 LOT 2</p>	<p>A1 LOT 1</p>
	<p>37.42 AC. D5 LOT 5</p>	<p>37.32 AC. C6 LOT 6</p>	<p>37.24 AC. B7 LOT 7</p>	<p>37.14 AC. A8 LOT 8</p>
	<p>40.00 AC. D12 LOT 12</p>	<p>40.00 AC. C11 LOT 11</p>	<p>40.00 AC. B10 LOT 10</p>	<p>40.00 AC. A9 LOT 9</p>
	<p>40.00 AC. E LOT 13</p>	<p>40.00 AC. F LOT 14</p>	<p>40.00 AC. G LOT 15</p>	<p>40.00 AC. H LOT 16</p>
	<p>40.00 AC.</p>	<p>40.00 AC.</p>	<p>40.00 AC.</p>	<p>40.00 AC.</p>
	<p>L</p>	<p>K</p>	<p>J</p>	<p>I</p>
	<p>M</p>	<p>N</p>	<p>O</p>	<p>P</p>
	<p>SCALE: 1"=2000'</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>Sam L. Flores</i> 9/22/10 Signature Date</p> <p>Sam L. Flores Printed Name</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>AUGUST 27 2010</p> <p>Date Surveyed EDISON DSS</p> <p>Signature <i>Ronald J. Edison</i> Professional Surveyor</p> <p><i>Ronald J. Edison</i> 09/15/2010 10.11.1264</p> <p>Certificate No. 12841 3239 RONALD J. EDISON</p>			

Permit Comments

Operator: APACHE CORP , 873

Well: NORTHEAST DRINKARD UNIT #166

API: 30-025-39916

Created By	Comment	Comment Date
pkautz	land s/s	9/22/2010
DMULL	OCD Hobbs office has received form C-144CLEZ. OCD Permit Number P1-02492.	9/27/2010

Permit Conditions of Approval

Operator: APACHE CORP , 873

Well: NORTHEAST DRINKARD UNIT #166

API: 30-025-39916

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