

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 30-025-39830
4. Property Code 38240	5. Property Name UNO STATE	6. Well No. 002H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	23	14S	34E	D	330	N	330	W	LEA

8. Pool Information

WILDCAT;GROUP 6	96037
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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 4116
14. Multiple N	15. Proposed Depth	16. Formation Abo	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"/> mls thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input checked="" type="checkbox"/> Fresh Water <input 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	17.5	13.375	48	375	440	0
Int1	12.25	9.625	40	4500	970	0
Prod	8.75	7	26	9100	520	3500
Liner1	6.125	4.5	11.6	14085	0	

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	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"/> . Printed Name: Electronically filed by Lana Williams Title: Engineering Tech Email Address: lana.williams@apachecorp.com Date: 7/13/2010 Phone: 918-491-4900	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 7/13/2010	Expiration Date: 7/13/2012
	Conditions of Approval Attached	

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(505) 393-6161 Fax:(505) 393-0720

District II
 1301 W. Grand Ave., Artesia, NM 88210
 Phone:(505) 748-1283 Fax:(505) 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

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Santa Fe, NM 87505

Form C-102
 Permit 117097

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39830	2. Pool Code 96037	3. Pool Name WILDCAT;GROUP 6
4. Property Code 38240	5. Property Name UNO STATE	6. Well No. 002H
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 4116



10. Surface Location

UL - Lot D	Section 23	Township 14S	Range 34E	Lot Idn D	Feet From 330	N/S Line N	Feet From 330	E/W Line W	County LEA
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11. Bottom Hole Location If Different From Surface

UL - Lot A	Section 23	Township 14S	Range 34E	Lot Idn A	Feet From 330	N/S Line N	Feet From 330	E/W Line E	County LEA
12. Dedicated Acres 160.00		13. Joint or Infill		14. Consolidation Code		15. 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

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(s) 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.

E-Signed By: Lana Williams

Title: Engineering Tech

Date: 7/13/2010

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.

Surveyed By: Gary Jones

Date of Survey: 6/25/2010

Certificate Number: 7977

Permit Comments

Operator: APACHE CORP , 873

Well: UNO STATE #002H

API: 30-025-39830

Created By	Comment	Comment Date
dcatanach	The 4 1/2" liner will be hung inside the 7" casing and will not be cemented. Zones will be isolated with packers.	7/13/2010
DMULL	OCD Hobbs office has received form C-144CLEZ. OCD Permit Number P1-02207.	7/13/2010

Permit Conditions of Approval

Operator: APACHE CORP , 873

Well: UNO STATE #002H

API: 30-025-39830

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