

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 6120 S. YALE TULSA, OK 74136		2. OGRID Number 873
4. Property Code 26466		3. API Number 30-025-39723
5. Property Name EUGENE WOOD		6. Well No. 015

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	22	22S	37E	B	990	N	1710	E	LEA

8. Pool Information

LANGLIE MATTIX;7 RVRS-Q-GRAYBURG	37240
EUNICE;SAN ANDRES, SOUTHWEST	24180

Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3361
14. Multiple Y	15. Proposed Depth 4400	16. Formation San Andres	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	1170	650	0
Prod	7.875	5.5	17	4400	650	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"/> .	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Lana Williams	Approved By: Paul Kautz
Title: Engineering Tech	Title: Geologist
Email Address: lana.williams@apachecorp.com	Approved Date: 4/1/2010 Expiration Date: 4/1/2012
Date: 3/30/2010 Phone: 918-491-4900	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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Form C-102
 Permit 111598

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39723	2. Pool Code 37240	3. Pool Name LANGLIE MATTIX;7 RVRS-Q-GRAYBURG
4. Property Code 26466	5. Property Name EUGENE WOOD	6. Well No. 015
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3361

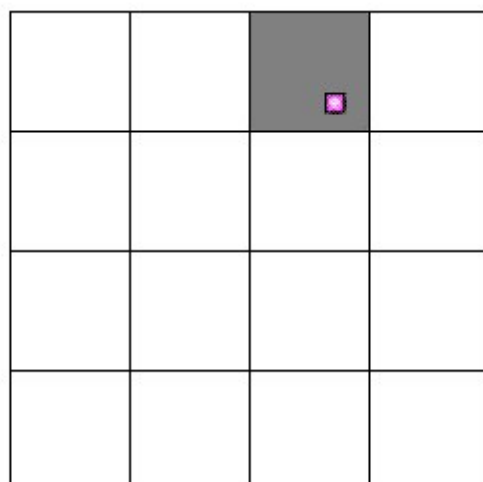
10. Surface Location

UL - Lot B	Section 22	Township 22S	Range 37E	Lot Idn B	Feet From 990	N/S Line N	Feet From 1710	E/W Line E	County LEA
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	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: 3/30/2010

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: 1/19/2010
 Certificate Number: 7977

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Form C-102
Permit 111598

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39723	2. Pool Code 24180	3. Pool Name EUNICE;SAN ANDRES, SOUTHWEST
4. Property Code 26466	5. Property Name EUGENE WOOD	6. Well No. 015
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3361

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E-Signed By: Lana Williams
Title: Engineering Tech
Date: 3/30/2010

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Surveyed By: Gary Jones
Date of Survey: 1/19/2010
Certificate Number: 7977

Permit Comments

Operator: APACHE CORP , 873

Well: EUGENE WOOD #015

API: 30-025-39723

Created By	Comment	Comment Date
dcatanach	Legacy Reserves operates the Langlie Mattix Penrose Sand Unit. The unitized interval within this unit includes the Seven Rivers and Queen formations within the Langlie Mattix SR-Q-Gb Pool. Apache owns the rights to the Grayburg formation. The Eugene Wood No. 15 will be completed only in the Grayburg formation of the Langlie Mattix SR-Q-Gb Pool. Along with the C-144 for this well, I have attached a waiver from Legacy Reserves consenting to allow Apache to drill the Eugene Wood No. 15. Consequently, there will be two operators in Unit B in the Langlie Mattix SR-Q-Gb Pool if Legacy drills a	3/30/2010
DMULL	OCD Hobbs has received form C-144 "Pit Registration". OCD Permit Number P1-01905.	4/1/2010

Permit Conditions of Approval

Operator: APACHE CORP , 873

Well: EUGENE WOOD #015

API: 30-025-39723

OCD Reviewer	Condition
DMULL	Will require from OCD Santa Fe on form C-107-A "Downhole Commingling" before multiple zones can be produced by commingling in the wellbore accordance with the procedure set forth in Rule 19.15.12.11.