

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

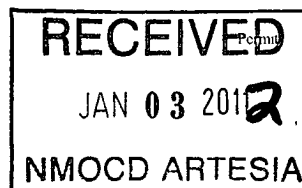
District II
811 S First St., Artesia, NM 88210
Phone (505) 748-1283 Fax (505) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170

District IV
1220 S St Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

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

Form C-101
Revised December 16, 2011



APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Apache Corporation 303 Veterans Airpark Ln., #3000, Midland, TX 79705		² OGRID Number 873
		³ API Number 30-015-32421
⁴ Property Code 30491-39011	⁵ Property Name Red Lake 3 State	⁶ Well No. #1

⁷ Surface Location

UL - Lot E	Section 3	Township 18 S	Range 28 E	Lot Idn	Feet from 1720	N/S Line North	Feet From 1075	E/W Line West	County Eddy
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⁸ Pool Information

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Additional Well Information

⁹ Work Type E	¹⁰ Well Type S	¹¹ Cable/Rotary R	¹² Lease Type S	¹³ Ground Level Elevation 3,658'
¹⁴ Multiple No	¹⁵ Proposed Depth 7,890'	¹⁶ Formation SWD; Wolfcamp	¹⁷ Contractor	¹⁸ Spud Date --
Depth to Ground water >50' ?		Distance from nearest fresh water well 1,307'		Distance to nearest surface water >mile

¹⁹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf.	17-1/2"	13-3/8"	48	478'	725 sx	GL
Int.	11"	8-5/8"	32	2,990'	1,040 sx	GL
Prod.	7-7/8"	5-1/2"	17	10,700'	970 sx	127'

Casing/Cement Program: Additional Comments

Will drill out plugs to 7,890' and convert to SWD.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydril	5,000	5,000	Weatherford

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 NMOC D guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature:

Printed name: **Brian Wood**

Title: **Consultant**

E-mail Address: **brian@permitswest.com**

Date: **Dec. 30, 2011** Phone: **(505) 466-8120**

Oil Conservation Division

Approved By

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached

Permit Expires 2 Years From Approval Date Unless Drilling Underway

Re-Entry

1/4/2012

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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 30-015-32421		² Pool Code 96135 ✓		³ Pool Name SWD; Wolfcamp	
⁴ Property Code 30491		⁵ Property Name Red Lake 3 State			⁶ Well Number 1
⁷ OGRID No. 873		⁸ Operator Name Apache Corporation			⁹ Elevation 3,658' GL

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	3	18 S	28 E		1720	North	1075	West	Eddy

¹¹ 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

¹² Dedicated Acres	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.

¹⁶ 				<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>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></p> <p>Signature _____ Date _____ Brian Wood 12-30-11</p> <p>Printed Name _____ brian@permitswest.com</p> <p>E-mail Address _____</p>
				<p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>August 23, 2002</p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor Original survey by Ronald Eidson on file with OCD</p> <p>Certificate Number 3239</p>