

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 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

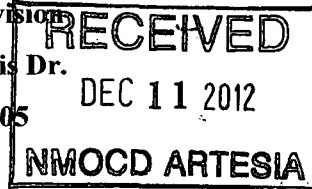
Form C-101
Revised November 14, 2012

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505



☐ AMENDED REPORT

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

1. Operator Name and Address Apache Corporation 303 Veterans Airpark Lane, Suite 3000 Midland, Texas 79705		2. OGRID Number 873
3. Property Code 39641	4. Property Name Washington 34 State SWD	5. API Number 30-015-41009
		6. Well No. 2

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	34	17S	28E	N	590	South	1705	West	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

9. Pool Information

SWD; DEV-FUS-MON-SIMP-BLW
Pool Name: SWD-Ellenburger SWD-Devonian
Well No.: 97775

Additional Well Information

11. Work Type N	12. Well Type S	13. Cable/Rotary R	14. Lease Type S	15. Ground Level Elevation 3,662'
16. Multiple N	17. Proposed Depth 12,700'	18. Formation Devonian & Ellenburger	19. Contractor	20. Spud Date
Depth to Ground water 300' or less		Distance from nearest fresh water well		Distance to nearest surface water

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17 1/2"	13 3/8"	48# H-40	500'	580 Sx.	Surface
Intermediate	12 1/4"	9 5/8"	40# J-55	4,500'	1400 Sx.	Surface
Production	8 3/4"	7"	26# L-80 & HCL-80	12,700'	1100 Sx. *	3,000'

Casing/Cement Program: Additional Comments

*7" casing stage cemented. 1st Stage-280 Sx. 2nd Stage-820 Sx. DV Tool setting depth: 11,000'

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Blind	3000	2000	

<p>23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/>, if applicable. Signature: <u>David Catanach</u></p>		<p>OIL CONSERVATION DIVISION</p>	
<p>Printed name: David Catanach</p>		<p>Approved By: <u>[Signature]</u></p>	
<p>Title: Agent-Apache Corporation</p>		<p>Title: <u>Geologist</u></p>	
<p>E-mail Address: drcatanach@netscape.com</p>		<p>Approved Date: <u>1/23/2013</u> Expiration Date: <u>1/23/2015</u></p>	
<p>Date: 12/2/2012</p>		<p>Conditions of Approval Attached</p>	

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

SWD: DEV-FOS-MOU-SMP-ECL

WELL LOCATION AND ACREAGE DEDICATION PLAT

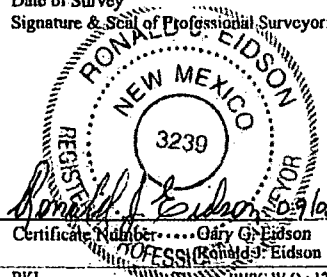
API Number 30-015-41009	Pool Code 97776	Pool Name (96103) SWD-Elfenburger	Well Number 2
Property Code 39641	Property Name WASHINGTON 34 STATE SWD		Elevation 3662
OGRID No. 873	Operator Name APACHE CORPORATION		

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	34	17-S	28-E		590	SOUTH	1705	WEST	EDDY

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</p> <p>SURFACE LOCATION Y=649576.6 N X=551331.1 E</p> <p>LAT.=32.785666° N LONG.=104.166306° W LAT.=32° 47' 08" N LONG.=104° 09' 59" W</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>David Catanach</i> 12/10/12 Signature Date David Catanach Printed Name drcatanach@netscape.com E-mail Address</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 24, 2012</p> <p>Date of Survey Signature & Seal of Professional Surveyor:  </p> <p>Certificate Number: Gary G. Eidson 12641 Professional Surveyor: Ronald G. Eidson 3239 BKL JWSC W.O.: 12.11.1355</p>



**DESIGN PLAN, OPERATING & MAINTENANCE PLAN, & CLOSURE PLAN
FOR OGD FOR C-144
Washington 34 State SWD No. 2**

DESIGN PLAN

Fluid & cuttings coming from drilling operations will pass over the Shale Shaker with the cuttings going to the Sundance Inc / CRI haul off bin and the cleaned fluid returning to the working steel pits.

Equipment includes:

- 2 – 500 bbl steel frac tanks (fresh water for drilling)
- 2 – 180 bbl steel working pits
- 3 – 75 bbl steel haul off bins
- 2 – Pumps (6-1/2" x 10" PZ 10 or equivalent)
- 1 – Shale shaker
- 1 – Mud cleaner – QMAX MudStripper

OPERATING AND MAINTENANCE PLAN

Inspection to occur every tour for proper operation of system and individual components. If any problems are found they will be repaired and/or corrected immediately.

CLOSURE PLAN

All haul bins containing cuttings will be removed from location and hauled to Sundance Incorporated (NM-01-0003) disposal site located 3 miles East of Eunice, NM on the Texas border / Controlled Recovery, Inc's (NM-01-0006) disposal site located near mile marker 66 on Highway 62/180.

Susan Blakemore
Drilling Tech