

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

RECEIVED
MAY 10 2013
NMOCD ARTESIA

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 API Number 30-015-41009
⁴ Property Code 39641	⁵ Property Name Washington 34 State SWD	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

Pool Name SWD-Wolfcamp-Cisco	Pool Code 96136
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Additional Well Information

¹¹ Work Type P	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 3,662'
¹⁶ Multiple N	¹⁷ Proposed Depth 12,656'	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	416'	982 Sx.	Surface
Intermediate	12 1/4"	9 5/8"	40# J-55	4,527'	1650 Sx.	Surface
Production	8 3/4"	7"	26# L-80 & HCL-80	12,656'	1540 Sx. *	688' (CBL)

Casing/Cement Program: Additional Comments

*7" casing stage cemented. 1st Stage-1070 Sx. 2nd Stage-470 Sx. DV Tool setting depth: 6,992'

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>Printed name: David Catanach</p> <p>Title: Agent-Apache Corporation</p> <p>E-mail Address: drcatanach@netscape.com</p> <p>Date: 5/9/2013</p>	<p>OIL CONSERVATION DIVISION</p> <p>Approved By: <u>[Signature]</u></p> <p>Title: <u>Dist 11 Supervisor</u></p> <p>Approved Date: <u>5/15/13</u> Expiration Date: <u>5/15/15</u></p> <p>Conditions of Approval Attached <u>Amend SWD order</u></p>
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