

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

RECEIVED
DEC 05 2012 AMENDED REPORT
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
⁴ Property Code 308890 39578		³ API Number 30-015-90876
⁵ Property Name Geronimo 28 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
I	28	17S	28E	I	1655	South	800	East	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-Ellenburger	Pool Code SWD-Devonian 96103 & 96101
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Additional Well Information

¹¹ Work Type N	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 3,685'
¹⁶ Multiple N	¹⁷ Proposed Depth 12,500'	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	12,500'	1080 Sx. *	3,000'

Casing/Cement Program: Additional Comments

*7" casing stage cemented. 1st Stage-270 Sx. 2nd Stage-810 Sx. DV Tool setting depth: 10,900'

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydril	3000	2000	

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: <i>David Catanach</i> Printed name: David Catanach Title: Agent-Apache Corporation E-mail Address: drcatanach@netscape.com Date: 12/3/2012	OIL CONSERVATION DIVISION	
	Approved By: <i>J. C. Spurgeon</i>	
	Title: <i>Pool Logist</i>	
	Approved Date: <i>12/3/2012</i>	Expiration Date: <i>12/2/2014</i>
	Conditions of Approval Attached	

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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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40876	Pool Code 96103/96101	Pool Name SWD; Ellenburger (96103) SWD; Devonian (96101)
Property Code 39578	Property Name GERONIMO 28 STATE SWD	Well Number 2
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3685'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	28	17-S	28-E		1655	SOUTH	800	EAST	EDDY

Bottom Hole Location If Different From Surface

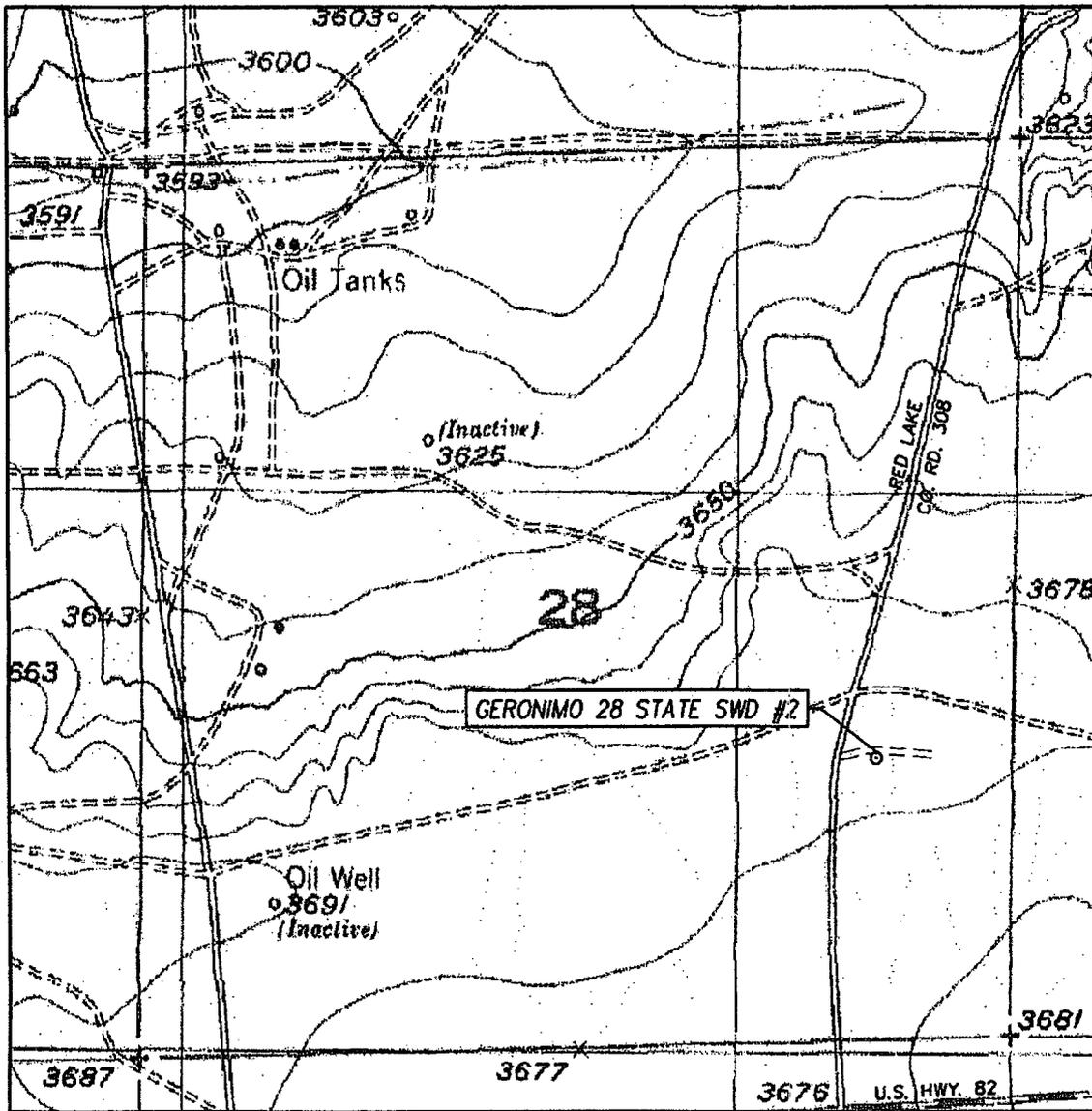
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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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=655807.2 N X=548779.9 E</p> <p>LAT.=32.802802' N LONG.=104.174577' W</p> <p>LAT.=32' 48' 10" N LONG.=104' 10' 28" 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>Vicki Brown</i> 10/11/12 Signature Date</p> <p>Vicki Brown Printed Name</p> <p>vicki.brown@apachecorp.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>OCTOBER 5, 2012 Date of Survey</p> <p><i>Ronald J. Eidson</i> Signature & Seal of Professional Surveyor:</p> <p> Certificate Number: 3239 Ronald J. Eidson 12641 3239</p> <p>AF JWSC W.O.: 12.11.1354</p>

LOCATION VERIFICATION MAP



SCALE: 1" = 1000'

CONTOUR INTERVAL:
RED LAKE, N.M. - 10'

SEC. 28 TWP. 17-S RGE. 28-E

SURVEY _____ N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 1655' FSL & 800' FEL

ELEVATION _____ 3685'

OPERATOR APACHE CORPORATION

LEASE GERONIMO 28 STATE SWD

U.S.G.S. TOPOGRAPHIC MAP

RED LAKE, N.M.



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz