

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-101  
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address Apache Corporation		<sup>2</sup> OGRID Number 873
		<sup>3</sup> API Number 30 025-06751
<sup>4</sup> Property Code 22800 22880	<sup>5</sup> Property Name Turner	<sup>6</sup> Well No. 9
<sup>9</sup> Proposed Pool 1 Santa Rosa		<sup>10</sup> Proposed Pool 2

<sup>7</sup> Surface Location

UL or lot no. K	Section 22	Township 21S	Range 37E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 1650	East/Westline West	County Lea
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<sup>8</sup> Proposed 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/Westline	County
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Additional Well Information

<sup>11</sup> Work Type Code E	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3423' (DF)
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 7951' (TD)	<sup>18</sup> Formation Granite Wash	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 02/02/1950
Depth to Groundwater 53'		Distance from nearest fresh water well 2800'		Distance from nearest surface water None in Sec. or Twp.
Pit: Liner: Synthetic <input type="checkbox"/> milst thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____ Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/4	13-3/8	32#	227	300	Surface
11	8-5/8	32#	2913	2000	Surface
7-7/8	5-1/2	15.5# & 17#	3680 - 7725	500	Csg cut @ 3680'

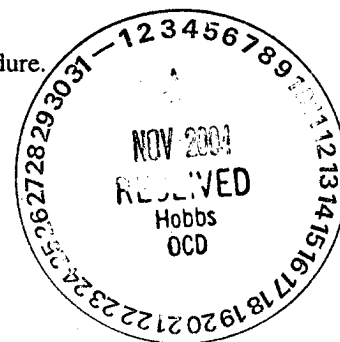
<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Apache proposes to re-enter this well and test Santa Rosa as WSW. Please see attached procedure.

Apache will use a 100 bbl steel tank with an open top for this procedure.

Permit Expires 1 Year From Approval.  
Date Unless Drilling Underway

Re-Entry



<sup>23</sup> 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 ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Kara Coday  
Title: Sr. Engineering Technician

E-mail Address: kara.coday@apachecorp.com

Date: 10/18/2004

Phone: (918)491-4957

OIL CONSERVATION DIVISION

Approved by:

Title:

Approved Date: NOV 4 2004

PETROLEUM ENGINEER

Conditions of Approval Attached ☐

**Turner No. 9**  
**Santa Rosa WSW Test**

**WELL:** Turner No. 9 **API:** 30-025-06751

**LOCATION:** 1980' FSL & 1650' FWL, Sec. 22, T21S, R37E, Lea County

**CASING:** **SURFACE:** 13 3/8" set @ 227' w/300 sx. Circ.

**INTERMEDIATE:** 8 5/8" 32# csg set @ 2913' w/ 2000 sx. TOC @ Surface

**PRODUCTION:** 5 1/2" 15.5 & 17# J-55 csg set @ 7725' w/500 sx. Casing cut at 3680' and pulled.

**PBTD:** Surface (Well currently P&A'd)

**P&A Plugs:** Surface 10 sx plug in 8 5/8" casing  
2965' – 2866' ( 35 sx)  
3300' – 3687' (115 sx)  
5075' – 5205' (25 sx)

**PROCEDURE**

1. RUPU. Weld on new casinghead & RU BOP. Drill out surface plug in 8 5/8" casing. RIH to 1500' and circulate well clean with fresh water. POH.
2. RU wireline and run RIH w/CCL & 4" casing guns and perforate 1 SPF over the following intervals:  
940' – 950'  
965' – 985'  
1100' – 1125'  
1130' – 1150'
3. RIH w/ CIBP on tubing and set at 1400'. Pull tubing up to bottom perforation. RU acid equipment and spot 800 gal 15% FE acid across perforated interval. Pull tubing up to 600' and displace acid to bottom perforation with fresh water. POH w/ tubing and RD acid equipment.
4. RIH with 1500 BPD test submersible pump on tubing. Set bottom of sub pump at 1150'. RDPU and place well on test for at least 24 hrs. After water cleans up, water production capacity is determined, and uncontaminated water samples are obtained. Shut well in until results are evaluated.

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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 June 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-06751	<sup>2</sup> Pool Code 96747	<sup>3</sup> Pool Name Santa Rosa
<sup>4</sup> Property Code <del>22800</del> 22880	<sup>5</sup> Property Name Turner	<sup>6</sup> Well Number 9
<sup>7</sup> OGRID No. 000873	<sup>8</sup> Operator Name Apache Corporation	<sup>9</sup> Elevation 3423' DF

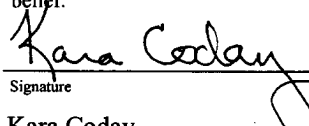
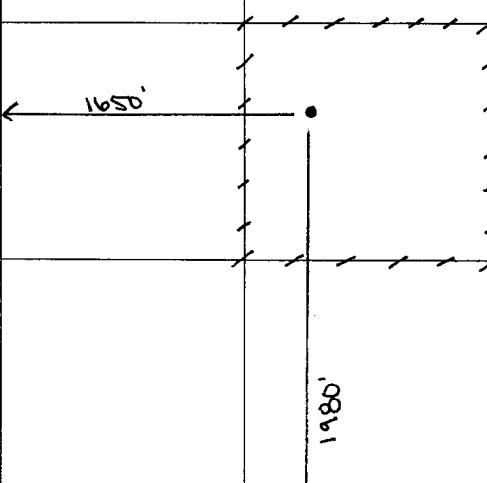
<sup>10</sup> Surface Location

UL or lot no. K	Section 22	Township 21S	Range 37E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 1650	East/West line West	County Lea
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<sup>11</sup> 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
<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup>				<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Kara Coday Printed Name Sr. Engineering Technician kara.coday@apachecorp.com Title and E-mail Address 10/19/2004 Date
				<sup>18</sup> 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.  Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number