

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

Form C-1C  
June 16, 2001

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

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 303 VETERANS AIRPARK LN, STE. 3000 MIDLAND, TX 79705		<sup>2</sup> OGRID Number 873
		<sup>3</sup> API Number 30-025-36675
<sup>3</sup> Property Code 420 302374	<sup>5</sup> Property Name V LAUGHLIN	<sup>6</sup> Well No. 5H
<sup>9</sup> Proposed Pool 1 MONUMENT; ABO, SOUTHEAST (46970)		<sup>10</sup> Proposed Pool 2

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	9	20 S	37 E		330	NORTH	1980	WEST	LEA

<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/West line	County
D	9	20 S	37 E		980	NORTH	340	WEST	LEA

Additional Well Information

<sup>11</sup> Work Type Code RECOMPLETION *	<sup>12</sup> Well Type Code OIL	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code PRIVATE	<sup>15</sup> Ground Level Elevation 3555'
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth 7210' TVD / 8800' MD	<sup>18</sup> Formation ABO	<sup>19</sup> Contractor	<sup>20</sup> Spud Date ASAP

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11	8.658	24#	1239	500 sx	
7.875	5.5	17#	7100	620 sx	
4.75			8800	Open hole pkr system	

<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.

Drill horizontal well that will exit out of a milled hole in casing of V Laughlin #5 at approx 6950';  
Drill 4-3/4" hole to est. 8800' MD, no csg, no cmt, run open hole swell packer system.

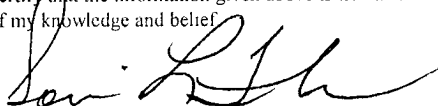
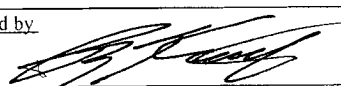
Planning to plug Monumnet; Tubb perfs.

BOP: Double Ram WP: 3000' TP: 2000'

Closed Loop System: See Attached

Permit Expires 2 Years From Approval  
Date Unless Drilling Underway

\* Horizontal

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.  Signature: 	OIL CONSERVATION DIVISION	
	Approved by: 	
Printed name: SORINA L. FLORES	Title: PETROLEUM ENGINEER	
Title: DRILLING TECH III	Approval Date: SEP 07 2010	Expiration Date:
E-mail Address: sorina.flores@apachecorp.com		
Date: 09/7/2010	Phone: 432-818-1167	Conditions of Approval Attached <input type="checkbox"/>

# RECEIVED

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SEP 02 2010

HOBBSDO

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-102  
Revised July 16, 2010

Submit one copy to appropriate  
District Office

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-045-36675</b>	Pool Code <b>46970</b>	Pool Name <b>Monument ; ABO, Southeast</b>
Property Code <b>120 302374</b>	Property Name <b>V LAUGHLIN</b>	Well Number <b>5H</b>
OGRID No. <b>873</b>	Operator Name <b>APACHE CORPORATION</b>	Elevation <b>3556'</b>

### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	9	20 S	37 E		330	NORTH	1980	WEST	LEA

### 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
D	9	20 S	37 E		980	NORTH	340	WEST	LEA

Dedicated Acres <b>80</b>	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>N 581630 4560 E 870350 1450 NAD 83</p> <p>N 581768 5120 E 829167 6610 NAD 27</p> <p>1980'</p> <p>330'</p> <p>SL</p> <p>1761.3'</p> <p>BH</p> <p><b>BOTTOM HOLE LOCATION</b> Lat - N 32°35'32.15" Long - W 103°15'50.14" NMSPE- N 580852.292 E 870700.103 (NAD-83)</p> <p><b>BOTTOM HOLE LOCATION</b> Lat - N 32°35'31.71" Long - W 103°15'48.42" NMSPE- N 580790.355 E 829517.566 (NAD-27)</p> <p>N 579182 6160 E 870377 0640 NAD 83</p> <p>N 579120 6780 E 829194 4560 NAD 27</p>	<p>N 581844 2990 E 872985 7680 NAD 83</p> <p>N 581782 3920 E 831803 2270 NAD 27</p> <p><b>SURFACE LOCATION</b> Lat - N 32°35'38.50" Long - W 103°15'30.96" NMSPE- N 581509.757 E 872334.065 (NAD-83)</p> <p><b>SURFACE LOCATION</b> Lat - N 32°05'38.05" Long - W 103°15'29.24" NMSPE- N 581447.841 E 831151.522 (NAD-27)</p> <p>N 576556 2000 E 873041 5060 NAD 83</p> <p>N 576494 2990 E 831858 7140 NAD 27</p>	<p>N 581865 6910 E 875621 5290 NAD 83</p> <p>N 581803 8650 E 834438 9590 NAD 27</p> <p>N 579222 4500 E 875652 1820 NAD 83</p> <p>N 579160 6250 E 834469 4850 NAD 27</p> <p>N 576573 6200 E 875879 4370 NAD 83</p> <p>N 576511 7950 E 834498 6130 NAD 27</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>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.</p> <p>Signature  Date <b>8-31-10</b></p> <p>Printed Name <b>Jeremy Ward</b></p> <p>Email Address <b>jeremy.ward@apache.corp.com</b></p> <p><b>SURVEYOR CERTIFICATION</b></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>Date Surveyed <b>8-31-10</b></p> <p>Signature &amp; Seal of Professional Surveyor </p> <p>Certificate No. <b>Gary L. Jones 7977</b></p> <p><b>BASIN SURVEYS 23260</b></p>
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