

District I  
Form 9-32a  
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-101  
May 27, 2004

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 <b>HEC PETROLEUM, INC.</b> C/O Mike Pippin 3104 N. Sullivan, Farmington, NM 87401		<sup>2</sup> OGRID Number 009812
<sup>3</sup> Property Code <b>13525</b>	<sup>4</sup> Property Name <b>WILMERDING 9</b>	<sup>5</sup> API Number <b>30-045-33440</b>
<sup>9</sup> Proposed Pool 1 <b>Basin Fruitland Coal</b>		<sup>10</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no. <b>C</b>	Section <b>10</b>	Township <b>31N</b>	Range <b>13W</b>	Lot Idn	Feet from the <b>1075'</b>	North/South line <b>North</b>	Feet from the <b>1740'</b>	East/West line <b>West</b>	County <b>San Juan</b>
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**8 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
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**Additional Well Information**

<sup>11</sup> Work Type Code <b>N</b>	<sup>12</sup> Well Type Code <b>G</b>	<sup>13</sup> Cable/Rotary <b>R</b>	<sup>14</sup> Lease Type Code <b>P</b>	<sup>15</sup> Ground Level Elevation <b>5806'</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>2150'</b>	<sup>18</sup> Formation <b>Fruitland Coal</b>	<sup>19</sup> Contractor <b>None Yet</b>	<sup>20</sup> Spud Date <b>4/20/06</b>
Depth to Groundwater >100'		Distance from nearest fresh water well >1000'		Distance from nearest surface water 200'-1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 1950 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	200'	200	Surface
7-7/8"	5-1/2"	15.5#	2150'	272	Surface

22 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 12-1/4" hole to 200' using fresh water mud. Run & cement 8-5/8" surface casing to surface. Wait on cement 12 hours. Nipple up 7-1/16" BOPE (annular). Pressure test surface casing & BOPE to minimum of 500 psig for 30 minutes. Drill 7-7/8" hole to TD using polymer & water. Run 5-1/2" production casing & cement to surface in a single stage. Move out drilling rig. Move in completion equipment. Test production casing to 3800 psi for 30 minutes. Plug well. Perforate select Fruitland Coal intervals and stimulate with a sand frac treatment. Install production equipment, 2-3/8" tubing, and gas sales meter. Complete as a single Fruitland Coal gas well.

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 the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

**OIL CONSERVATION DIVISION**

Approved by:

Title:

**DEPUTY OIL & GAS INSPECTOR, DIST. III**

Approval Date:

**NOV 21 2005**

Expiration Date:

**NOV 21 2006**

Printed name: Mike Pippin

Title: Agent - Petroleum Engineer

E-mail Address: mpippin@ddbroadband.net

Date: 11/18/05

Phone: 505-327-4573

Conditions of Approval Attached ☐

DISTRICT I  
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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 30-045-33440		<sup>2</sup> Pool Code 71629		<sup>3</sup> Pool Name BASIN FRUITLAND COAL	
<sup>4</sup> Property Code 13525		<sup>5</sup> Property Name <del>WILMERDING</del> Wilmerding 9			<sup>6</sup> Well Number 3
<sup>7</sup> GRID No. 09812		<sup>8</sup> Operator Name HEC PETROLEUM			<sup>9</sup> Elevation 5806

<sup>10</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	10	31-N	13-W		1075	NORTH	1740	WEST	SAN JUAN

<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
320	NW/4 SEC 10 NE/4 SEC 9			Y					

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill Y	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. NSP 1686
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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

16 CALC'D CORNER PER 1954 B.L.M. PLAT S 89°10'14" E 2704.23' (C)	1740'	1075'	FD 1/2" PIPE WITH SHINER "LS 6159"	17 <b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Mike Pippin Signature  MIKE PIPPIN Printed Name  AGENT-PETR. ENGR. Title  11-18-05 Date
9	FD 3 1/4" BC. B.L.M. 1952	10		