

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-101  
March 4, 2004

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

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address HEC PETROLEUM, INC. c/o Mike Pippin 3104 N. Sullivan Farmington, NM 87401		OGRID Number 009812
		<sup>2</sup> API Number 30 - 045-32480
<sup>3</sup> Property Code 13842	<sup>4</sup> Property Name SHIOTANI	<sup>5</sup> Well No. 10

**7 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	32	30N	12W		1540	North	1460	West	SAN JUAN

**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

<sup>9</sup> Proposed Pool 1 BASIN FRUITLAND COAL	<sup>10</sup> Proposed Pool 2
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**Drilling Pit Location and Other Information**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	32	30N	12W		1570	North	1460	West	SAN JUAN
Depth to ground water < 100'			Distance from nearest fresh water well < 1000'			Distance from nearest surface water < 200'			
<sup>11</sup> Work Type Code N		<sup>12</sup> Well Type Code G		<sup>13</sup> Cable/Rotary R		<sup>14</sup> Lease Type Code P		<sup>15</sup> Ground Level Elevation 5447'	
<sup>16</sup> Multiple NO		<sup>17</sup> Proposed Depth 1600'		<sup>18</sup> Formation Basin Fruitland Coal		<sup>19</sup> Contractor None Yet		<sup>20</sup> Spud Date 11/15/04	

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
8.75"	7"	20#	200'	55	Surface
6.25"	4.5"	11.6#	1600'	126	Surface

<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 8-3/4" hole to 200' using fresh water mud. Run & cement 7" surface casing to surface. WOC 12 hours. Nipple up 7-1/16" 3000# BOPE (annular). Pressure test surface casing & BOPE to minimum of 600 psig for 15 minutes. Drill 6-1/4" hole to TD using polymer and water. Log well. Run 4-1/2" production casing and cement to surface in a single stage. Move out drilling rig. Move in completion equipment. Run cased hole correlation log. Test production casing to 3800 psig for 15 minutes. 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 well. The pit liner will meet OCD guidelines & follow our general plans

<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 ☐.

Signature:

*Mike Pippin*

Printed name: Mike Pippin

Title: Agent - Petroleum Engineer

E-mail Address: mpippin@ddbroadband.net

Date: 7/29/04

Phone: 505-327-4573

**OIL CONSERVATION DIVISION**

Approved by:

*[Signature]*

Title: DEPUTY OIL & GAS INSPECTOR, DIST. 30

Approval Date: JUL 30 2004

Expiration Date: JUL 30 2005

Conditions of Approval:

Attached ☐

DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
811 South First, Artesia, N.M. 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-32480		*Pool Code 71629	*Pool Name BASIN FRUITLAND CORL
*Property Code 13842	*Property Name SHIOTANI		*Well Number 10
*OGRID No. 009812	*Operator Name HEC PETROLEUM INC. <del>PURE RESOURCES</del>		*Elevation 5447'

<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
F	32	30-N	12-W		1540'	NORTH	1460'	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
*Dedicated Acres 320 W/2		*Joint or Infill Y		*Consolidation Code		*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

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CALC'D COR. N 00-38-56 E 2635.46' (C)	N 89-19-24 W 5279.71' (C)	FD 2" AC LS: 11598	17 OPERATOR CERTIFICATION 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  7-29-04 Date	
	1460'	LAT. 36°46'21"N (NAD 83) LONG. 108°07'31"W (NAD 83)		
	32			
FD 1" IRON PIPE @ FENCE CORNER			18 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 knowledge.  Date of Survey 14827 Signature and Seal of Professional Surveyor:  14827 Certificate Number	