

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  
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 Pecos Production Company 400 W. Illinois, Ste 1070, Midland, TX 79701		<sup>2</sup> OGRID Number 215758	
<sup>3</sup> Property Code 32075 001324		<sup>4</sup> Property Name Langley Getty Com	
<sup>5</sup> Proposed Pool 1 Langley Devonian (Gas)		<sup>6</sup> Well No. 2	

**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
M	21	22S	36E		990'	South	990'	West	Lea

**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
N	21	22S	36E		990'	South	1650'	West	Lea

**Additional Well Information**

<sup>11</sup> Work Type Code E / D	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3521.2'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 12,800'	<sup>18</sup> Formation Devonian	<sup>19</sup> Contractor Not Determined	<sup>20</sup> Spud Date 1-15-05
Depth to Groundwater 22'		Distance from nearest fresh water well NA		Distance from nearest surface water None
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 5000 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" 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
17 1/2"	13 3/8"	48#	404'	425 sx	Circ 85 sx *
12 1/4"	9 5/8"	36# & 40#	4006'	1250 sx	Circ 181 sx *
7 7/8"	5 1/2"	17#	12,800'	480 sx	Circ **
			DV 10,000'	600 sx	6000' **

<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.

\* Already In Place

1) Purpose to re-enter the Anadarko Pet. Corp., Langley Greer #3- dryhole, (P&A- 12/20/93- old TD @ 9830'). Clean out to 9850', and drill directional hole to the above BH location. Complete as replacement well for Langley Getty Com #1.

2) Since the target formation is Devonian gas, the lease name will change to make existing OCD records.

3) See attached well plan.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway \*

Re-Entry

Condition of approval is that no other well will be produced from the Langley Devonian in this proration unit as long as this well is producing from Devonian.

<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: Dora Lara

Title: Engr Asst

E-mail Address: dorab@pecosproduction.com

Date: 12-21-04

Phone: 432-620-8480

**OIL CONSERVATION DIVISION**

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval Attached ☒

**Pecos Production Company  
Drilling Well Plan**

**Well Name:** Langley Getty Com No 2 Re-Entry

**Location:** 990' FSL & 990' FWL, Section 21, Twp 22-S, Rge 36-E, Lea Co, NM

**Objective:** 12,800' Devonian Test.

**Rig Specs:** 800 Hp w/ 12,000 – 14,000' depth bracket.  
Proj Max Drlg Hookload (20# dp): 270,000 lb.  
Proj Max Casing Hookload: 230,000 lb.

**BOP's:** Production: 11", 5M Double Ram w/ Annular.

**EST FORMATION TOPS**

Rustler	1,350	Abo	7,894
Yates	3,133	Wolfc Shale	8,824
7 Rivers	3,311	Strawn	9,267
Grayburg	3,802	Atoka	10,140
SanAndres	4,589	Miss	11,359
Glorietta	5,914	Woodford	11,850
Drinkard	7,461	Devonian	12,163

**LOCATION**

Re-Build 280' x 180' caliche pad w/ 100 x 100 single horseshoe reserve. Keep reserve pit below grade to facilitate reclamation to OCD guidelines. Dig out cellar and old well. Install 13-5/8" Bradenhead and 11" 5M B-Section, stub up as necessary to get top flange to ground level.

**RE-ENTRY**

TIH w/ 8-1/2" bit and drill out surface plug, cmt at 1250 – 1350', cmt at 3950 – 4050'. TOOH and pick up 7-7/8" bit. Possible Loss Returns below 4000'. Condition hole and spot cement if necessary. Drill out cement plugs at 5800 – 5914', 7350 – 7461', 9000 – 9100', and 9750 – 9850' TD. Use 9.0 ppg cut brine water w/ starch for fluid. Dump old mud to Reserve pit. At TD Circulate and condition mud to 34 sec Vis and 15 cc waterloss.

**PRODUCTION HOLE**

Run Gyro survey in drillpipe at 9850'. TOOH and pick up directional tools. Drill 7-7/8" hole to a point 990' FSL and 1650' FWL of Section 21. Build rate should be less than 2.5 deg / 100'. Hold angle should be approx 14 deg. Target depth is 12,200' TVD.

**PRODUCTION CASING**

Size	Wgt	Grd	Cplg	Sect. L	Depth	Col. SF	Burst SF	Tens SF
5-1/2"	17#	HCP-110	LTC	2000	2,000			
5-1/2"	17#	L-80	LTC	7000	9,000			
5-1/2"	17#	HCP-110	LTC	3800	12,800			

**CEMENT: DV tool at 10,000'**

1<sup>st</sup> stage: 260 sx 65:15:11 Poz:H w/ 5# gilsonite. 13.2 ppg. 1.50 cf/sk.  
2800 ft fill w/ 50% excess.

2<sup>nd</sup> stage: 500 sx 50:50 poz: H w/ 10% gel, 1/4# cello followed by 100 sx Class H Neat.  
4000 ft fill w/ 50% excess

#### **COMPLETION**

Set 75% casing weight on slips. Remove BOP's and install 11", 3M x 7-16", 5M tubinghead. Test seals to 5000 psi. RDMO rotary tools.

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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 30-025-32210	<sup>2</sup> Pool Code 79936	<sup>3</sup> Pool Name Langley Devonian (Gas)
<sup>4</sup> Property Code 001324 32075	<sup>5</sup> Property Name Langley Getty Com	<sup>6</sup> Well Number 2
<sup>7</sup> OGRID No. 215758	<sup>8</sup> Operator Name Pecos Production Company	<sup>9</sup> Elevation 3521.2'

**<sup>10</sup> Surface Location**

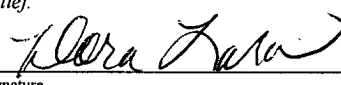
UL or lot no. M	Section 21	Township 22S	Range 36E	Lot Idn	Feet from the 990	North/South line FSL	Feet from the 990	East/West line FWL	County Lea
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**<sup>11</sup> Bottom Hole Location If Different From Surface**

UL or lot no. N	Section 21	Township 22S	Range 36E	Lot Idn	Feet from the 990	North/South line South	Feet from the 1650	East/West line West	County Lea
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<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup>				<b><sup>17</sup> OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Dora Lara Printed Name dorab@pecosproduction.com Title and E-mail Address 12-21-04 Date
				<b><sup>18</sup> SURVEYOR CERTIFICATION</b> <i>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.</i> Refer To Original Plat On File Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number
<p>Langley Getty Com 320 AC</p> 