

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

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

1. Operator Name and Address LEGACY RESERVES OPERATING, LP P. O. BOX 10848 MIDLAND, TX 79702		2. OGRID Number 240974
		3. API Number 30-025-38305
4. Property Code 302908	5. Property Name LANGLIE MATTIX PENROSE SAND UNIT	6. Well No. 196

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	27	22S	37E	J	2440	S	1700	E	LEA

**8. Pool Information**

LANGLIE MATTIX,7 RVRS-Q-GRAYBURG	37240
----------------------------------	-------

**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3326
14. Multiple N	15. Proposed Depth 3850	16. Formation Penrose	17. Contractor	18. Spud Date 3/15/2007
Depth to Ground water 55	Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000	
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 20 _____ mils thick Clay <input type="checkbox"/> Pit Volume: 3500 _____ 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"/>				

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	11	8.625	24	1200	525	0
Prod	7.875	5.5	15.5	3850	975	0

**Casing/Cement Program: Additional Comments**

--

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	2000	Weatherford

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 <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCB-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Travis McGraw Title: Email Address: tmgraw@legacylp.com Date: 2/13/2007   Phone: 432-682-2516	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Chris Williams	
	Title: District Supervisor	
	Approved Date: 3/8/2007	Expiration Date: 3/8/2008



District I  
1625 N French Dr., Hobbs NM 88240  
District II  
1301 W Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Artes, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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-		<sup>2</sup> Pool Code 37240		<sup>3</sup> Pool Name Langley Mattix Seven Rivers Queen Grayburg Sand	
<sup>4</sup> Property Code 33149		<sup>5</sup> Property Name Langley Mattix Penrose Sand Unit			<sup>6</sup> Well Number 196
<sup>7</sup> GRID No. 240974		<sup>8</sup> Operator Name Legacy Reserves Operating, L.P.			<sup>9</sup> Elevation 3326'

<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
J	27	22 S	37 E		2440	South	1700	East	Lea

<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. Waterflood Unit R3247
-------------------------------------	-------------------------------	----------------------------------	--

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						<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> <i>Kent Williams</i> Signature
						Kent Williams Printed Name Petroleum Engineer Title and E-mail Address 2/8/07 Date
						<sup>18</sup> SURVEYOR CERTIFICATION <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>
						January 25, 2007 Date of Survey Signature and Seal of Professional Land Surveyor  Certificate Number 10324

5.5 Miles South of Eunice, New Mexico.

File No. A-3286A.DWG

## Permit Comments

Operator: LEGACY RESERVES OPERATING, LP , 240974  
Well: LANGLEIE MATTIX PENROSE SAND UNIT #196  
API: 30-025-38305

Created By	Comment	Comment Date
CWILLIAMS	Water depth is 55'	3/8/2007