

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 30-025-38326
4. Property Code 302908	5. Property Name LANGLEY MATTIX PENROSE SAND UNIT	6. Well No. 524

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	22	22S	37E	M	350	S	300	W	LEA

8. Pool Information

LANGLEY MATTIX, 7 RVRS-Q-GRAYBURG	37240
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3344
14. Multiple N	15. Proposed Depth 3850	16. Formation Penrose	17. Contractor	18. Spud Date 4/15/2007
Depth to Ground water 75		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000

Pit: Liner: Synthetic ☒ 20 _____ mils thick Clay ☐ Pit Volume: 3500 _____ bbls Drilling Method:
 Closed Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

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

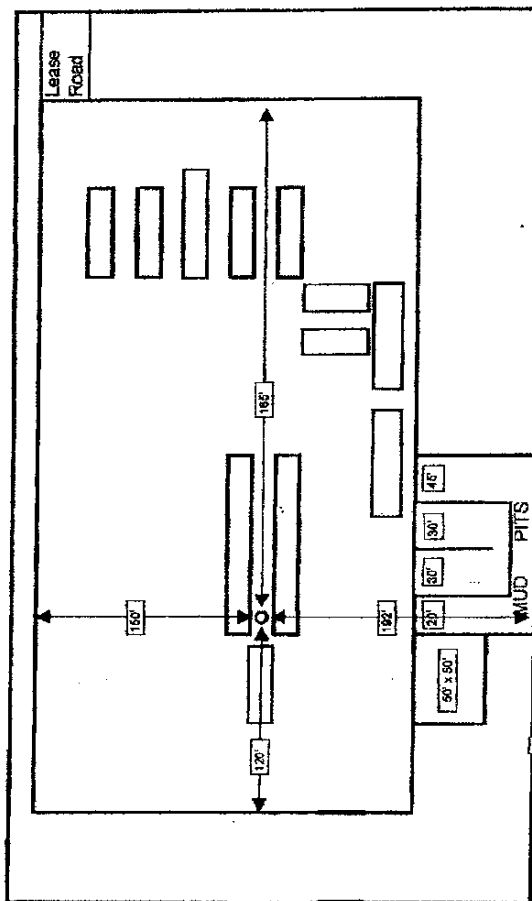
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Proposed Blowout Prevention Program

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 ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐ . Printed Name: Electronically filed by Travis McGraw Title: Email Address: tmgraw@legacylp.com Date: 2/14/2007	OIL CONSERVATION DIVISION Approved By: Chris Williams Title: District Supervisor Approved Date: 3/23/2007 Expiration Date: 3/23/2008 Conditions of Approval Attached
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Drilling Rig Pad Schematic
United Drilg-Standard
 Lea County, New Mexico
 Wellbore is 40' North of the pit



1625 N. French Dr., Hobbs NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, 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

Free Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-		Pool Code 37240	Pool Name Langley Mattix Seven Rivers Queen Grayburg Sand	
Property Code 33149	Property Name Langley Mattix Penrose Sand Unit			Well Number 524
OGRID No. 240974	Operator Name Legacy Reserves Operating, L.P.			Elevation 3344'

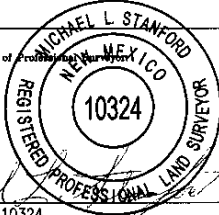
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
M	22	22 S	37 E		350	South	300	West	Lea

11Bottom 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
¹³ Dedicated Acres 40	¹⁴ Joint or Infill	¹⁴ Consolidation Code			¹⁵ Order No. Water Flood 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			17 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
			18 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>
			December 2006 Date of Survey
			Signature and Seal of Professional Surveyor  <i>Michael L. Stanford</i> Certificate Number 10324

LMPSU 524
Elev. 3344'

NAD 83 NM E
N= 500725
E= 904075

300' 0"

350'

4.5 Miles South of Eunice, New Mexico.

File No. A-3291.DWG

Permit Comments

Operator: LEGACY RESERVES OPERATING, LP , 240974
Well: LANGLEIE MATTIX PENROSE SAND UNIT #524
API: 30-025-38326

Created By	Comment	Comment Date
TMCGRAWLEGACY	Will submit drilling prognosis, C144, BOP, H2S & topo map	2/14/2007

Permit Conditions of Approval

Operator: LEGACY RESERVES OPERATING, LP , 240974
Well: LANGLEIE MATTIX PENROSE SAND UNIT #524
API: 30-025-38326

OCD Reviewer	Condition
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines