

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 30-025-38273
4. Property Code 302908	5. Property Name LANGLIE MATTIX PENROSE SAND UNIT	6. Well No. 601

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	27	22S	37E	K	1470	S	2490	W	LEA

8. Pool Information

LANGLIE 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 3325
14. Multiple N	15. Proposed Depth 3850	16. Formation Penrose	17. Contractor	18. Spud Date 2/15/2007
Depth to Ground water 55		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	12.25	8.625	24	1200	550	0
Prod	7.875	5.5	15.5	3850	1100	0

Casing/Cement Program: Additional Comments

Will send drilling prognosis, topo map, H2S status.

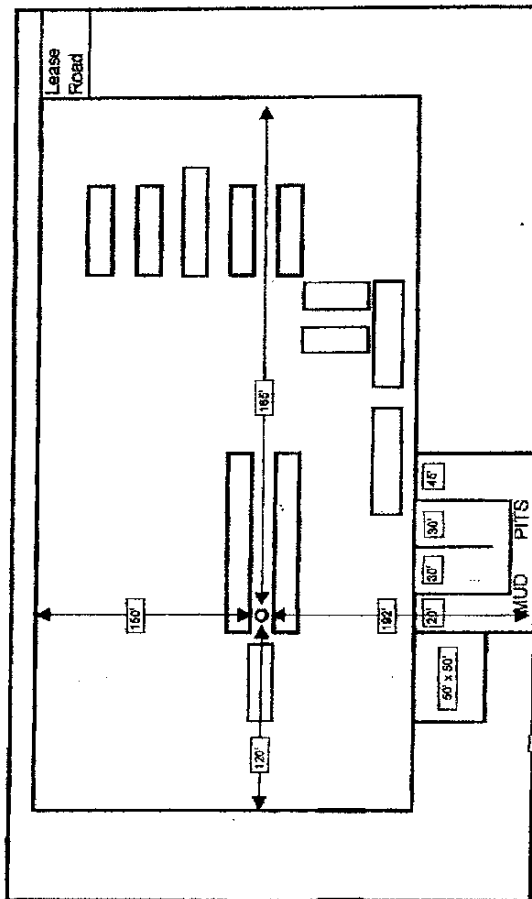
Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	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: 2/7/2007	OIL CONSERVATION DIVISION	
	Approved By: Chris Williams	
	Title: District Supervisor	
	Approved Date: 2/7/2007	Expiration Date: 2/7/2008
	Phone: 432-682-2516	

Drilling Rig Pad Schematic
United Drilg-Standard
 Lea County, New Mexico

Wellbore is 40' North of the pit



File No. A-3283.DWG

Permit Comments

Operator: LEGACY RESERVES OPERATING, LP , 240974
Well: LANGLEIE MATTIX PENROSE SAND UNIT #601
API: 30-025-38273

Created By	Comment	Comment Date
TMCGRWLEGACY	Well number change from 2111 to 601.	2/7/2007