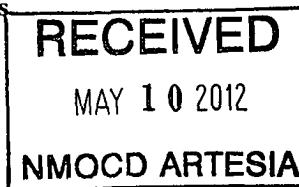


District I
1625 N French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S First St., Artesia, NM 87410
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-101
Revised December 16, 2011



Permit

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

Operator Name and Address LEGACY RESERVES OPERATING LP P.O. BOX 10848 MIDLAND, TX 79702		OGRID Number 240974
		API Number 30-015-21942
Property Code 302793	Property Name ANDREW ARNQUIST ESTATE	Well No. 2

Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	29	18S	26E		330'	NORTH	330'	EAST	EDDY

Pool Information

SWD; Cisco Canyon	96186
-------------------	-------

Additional Well Information

Work Type RE-ENTER/DEEPEN	Well Type SWD	Cable/Rotary ROTARY	Lease Type PRIVATE	Ground Level Elevation 3422'
Multiple NO	Proposed Depth 8200'	Formation CISCO CANYON	Contractor UNKNOWN	Spud Date 07/01/12-ESTIMATED
Depth to Ground water ~120'-200'		Distance from nearest fresh water well		Distance to nearest surface water

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
PROD	6.5	5 1/2"	17#	8200'	683	SURF

Casing/Cement Program: Additional Comments

Legacy plans to re-enter the P&A Andrew Arnquist #2. Will drill out plug to original TD of 3000', squeeze old San Andres and Yeso perms and deepen to 8200'. Legacy will run 5 1/2" casing to TD and attempt to circulate cement. (run temp. survey)

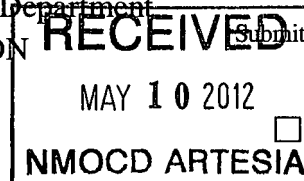
Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DOUBLE RAM	3000	3000	

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 OCD-approved plan <input type="checkbox"/> . Signature: <i>Craig Sparkman</i> Printed name: CRAIG SPARKMAN Title: PETROLEUM ENGINEER E-mail Address: Date: 05/09/2012 Phone: 432-689-5200	OIL CONSERVATION DIVISION	
	Approved By: <i>J. C. Shepard</i>	
	Title: <i>620/0515T</i>	
	Approved Date: <i>5/16/2012</i>	Expiration Date: <i>5/16/2014</i>
	Conditions of Approval Attached	

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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 August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-21942	² Pool Code 96186	³ Pool Name SWD; Cisco Canyon
⁴ Property Code 302793	⁵ Property Name ANDREW ARNQUIST ESTATE	
⁷ OGRID No. 240974	⁸ Operator Name LEGACY RESERVES OPERATING LP	⁶ Well Number 2
		⁹ Elevation 3422'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	29	18S	26E		330'	NORTH	330'	EAST	EDDY

¹¹ 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
¹² Dedicated Acres 6.1127	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ 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.

<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; right: 0; text-align: center;"> <div style="transform: rotate(-90deg);">DEED</div> <div>330'</div> </div> </div>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</i></p> <p><u>Craig Sparkman</u> 5/9/12 Signature Date</p> <p>CRAIG SPARKMAN Printed Name</p> <p>E-mail Address</p>	
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p><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></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor.</p>	
	<p>Certificate Number</p>	



Andrew Arnquist Estate #2

LOCATION: 330' FNL & 330' FEL, Sec 29, T18S, R26E

Proposed Wellbore Configuration

FIELD: Penasco Draw (Yeso-San Andres)

GL: 3422'

LATEST UPDATE: 09/20/2011

COUNTY: Eddy

KB: 3436'

BY: DP Darden

STATE: New Mexico

SPUD DATE: 10/28/76

API No: 30-015-21942

