

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 88210
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

Form C-101
Revised July 18, 2013

RECEIVED
DEC 19 2013
WOOD ARTESIA

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

AMENDED REPORT

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

¹ Operator Name and Address LEGACY RESERVES OPERATING LP PO BOX 10848 MIDLAND, TX 79702		² OGRID Number 240974	
⁴ Property Code 302793		³ API Number 30-015-41894	⁵ Property Name ANDREW ARNOUST ESTATE
		⁶ Well No. 5	P/P

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
H	29	18S	26E		990	N	430	E	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

9. Pool Information

Pool Name PENASCO; SA-YESO (ASSOC)	Pool Code 50270
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Additional Well Information

¹¹ Work Type NEW WELL	¹² Well Type OIL	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type PRIVATE	¹⁵ Ground Level Elevation 3426'
¹⁶ Multiple NO	¹⁷ Proposed Depth 3000'	¹⁸ Formation BLINEBRY	¹⁹ Contractor UNKNOWN	²⁰ Spud Date 02/01/2014-ESTIMATED
Depth to Ground water ~120'-200'		Distance from nearest fresh water well		Distance to nearest surface water

We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
SURF	12 1/4"	9 5/8"	32.3	950'	470	0
PROD	8 3/4"	7"	23	3000'	605	0

Casing/Cement Program: Additional Comments

COMPLETE DETAILS TO BE SENT TO OCD OFFICE VIA E-MAIL

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DOUBLE RAM	3000	3000	

<p>²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/>, if applicable. Signature: <i>Craig Sparkman</i></p> <p>Printed name: CRAIG SPARKMAN Title: OPERATIONS ENGINEER E-mail Address: Date: 12/17/2013 Phone: 432-689-5200</p>	<p>OIL CONSERVATION DIVISION</p> <p>Approved By: <i>T. C. Shepard</i> Title: "Geologist" Approved Date: <i>12/19/2013</i> Expiration Date: <i>12/19/2015</i></p> <p>Conditions of Approval Attached</p>
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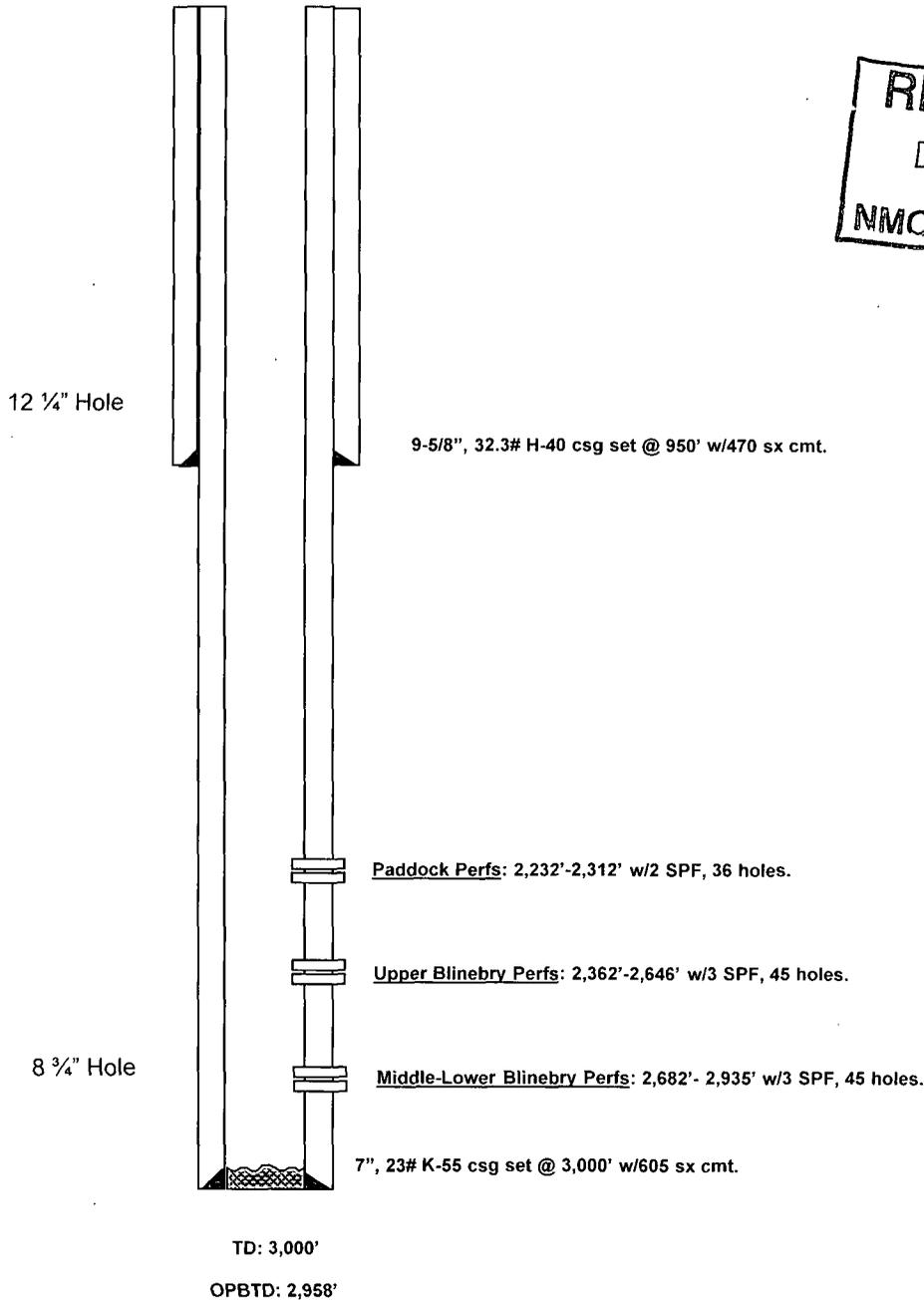
Andrew Arnquist Estate #5

LOCATION: 990' FNL & 430' FEL, Sec 29, T18S, R26E

Proposed Wellbore Condition

FIELD: Penasco Draw ; SA-Yeso (ASSOC) GL: 3426'
COUNTY: Eddy KB: 3436'
STATE: New Mexico SPUD DATE:

LATEST UPDATE: 08/10/2013
BY: CSPARKMAN
API No: 30-015-



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NMOCD ARTESIA

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Frances Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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NMOC D ARTESIA

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-41894	Pool Code 50270	Pool Name PENASCO DRAW; SA-YESO (ASSOC)
Property Code 302793	Property Name ANDREW ARNQUIST ESTATE	Well Number 5
OGRID No. 240974	Operator Name LEGACY RESERVES OPERATING LP	Elevation 3426'

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	18-S	26-E		990	NORTH	430	EAST	EDDY

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				
<table border="1"> <tr> <td>Dedicated Acres 40</td> <td>Joint or Infill</td> <td>Consolidation Code</td> <td>Order No.</td> </tr> </table>										Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
Dedicated Acres 40	Joint or Infill	Consolidation Code	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

<p>NOTE:</p> <p>1) Plane Coordinates shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.</p>	<p>096'</p> <p>430'</p> <p>Plane Coordinate X = 480,555.9 Y = 626,847.3</p>	<p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify the 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>Craig Sparkman 12/17/13 Signature Date</p> <p>CRAIG SPARKMAN Printed Name</p>
		<p>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>December 9, 2013 Date of Survey</p> <p>Signature & Seal of Professional Surveyor SJA</p> <p>MACON McDONALD NEW MEXICO 12185</p>
		<p>W.O.C. Num. 2013-51793</p> <p>Certificate No. MACON McDONALD 12185</p>