

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
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	5. Property Name ANDREW ARNOUIST ESTATE	3. API Number 30-015-41894 6. Well No. 5

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
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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DOUBLE RAM	3000	3000	

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>		OIL CONSERVATION DIVISION	
Printed name: CRAIG SPARKMAN		Approved By: <i>T. C. Shepard</i>	
Title: OPERATIONS ENGINEER		Title: "Geologist"	
E-mail Address:		Approved Date: 12/19/2013 Expiration Date: 12/19/2015	
Date: 12/17/2013	Phone: 432-689-5200	Conditions of Approval Attached	



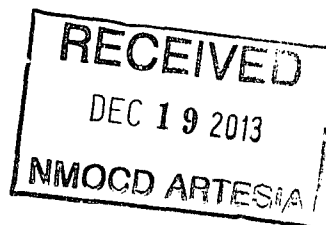
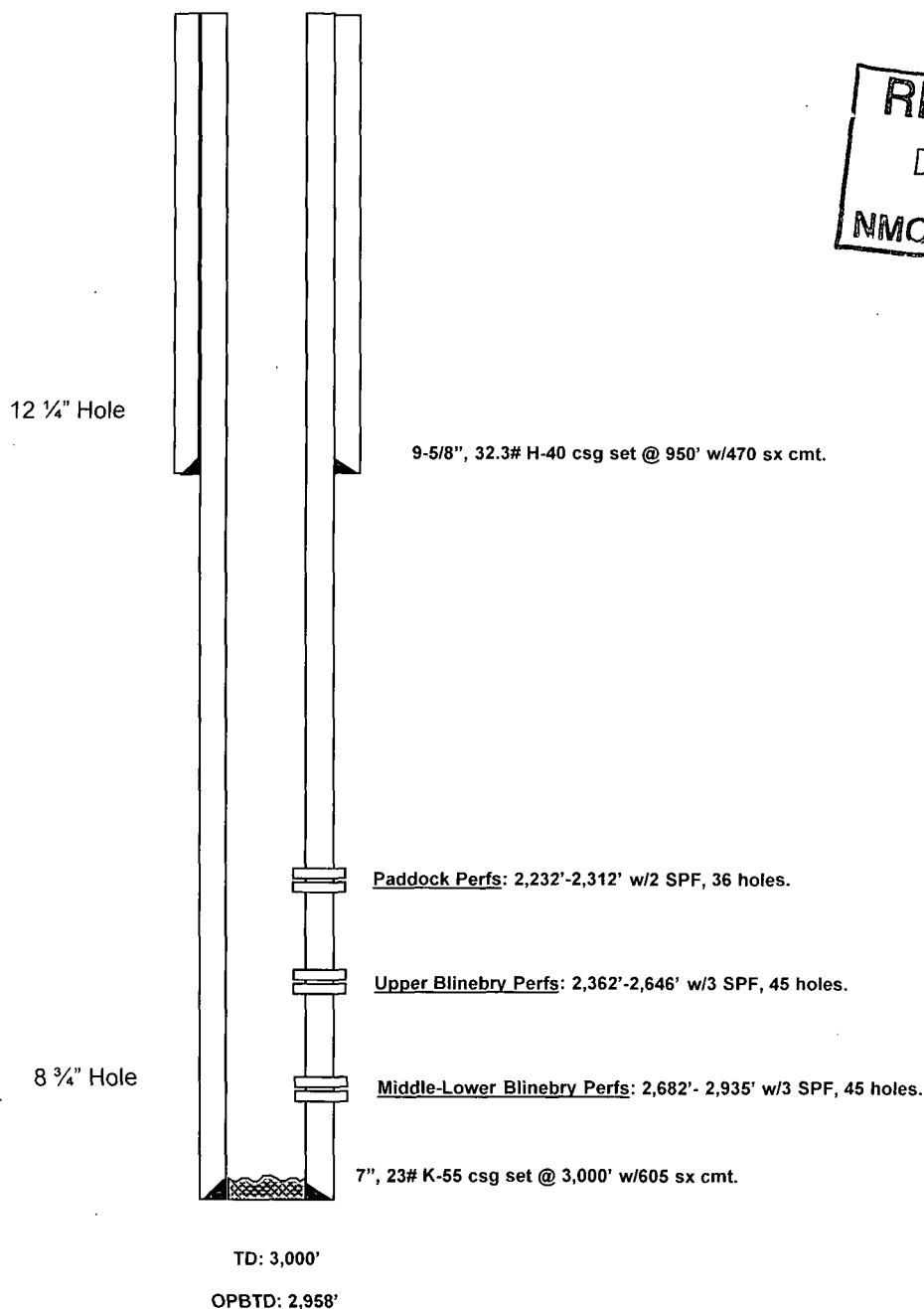
Andrew Arnquist Estate #5

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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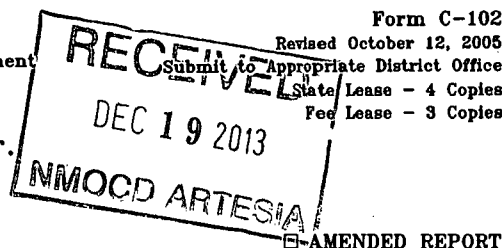
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1301 W. Grand Avenue, Artesia, NM 88210

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1000 Rio Brazos Rd., Aztec, NM 87410

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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



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
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>Plane Coordinate X = 480,555.9 Y = 626,847.3</p>	<p>0 430'</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify 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.</p> <p><i>Craig Sparkman</i> 12/17/13 Signature Date</p> <p>CRAIG SPARKMAN Printed Name</p>
			<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>December 9, 2013</p> <p>Date of Survey</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>MACON McDONALD</i> NEW MEXICO 12185</p> <p>W.O. Num. 2013-51793</p> <p>Certificate No. MACON McDONALD 12185</p>