

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

HOBBS OCD

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

MAY 13 2013

5. Lease Serial No.
NM053434
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

LEGACY RESERVES OPERATING LP

3a. Address

PO BOX 10848
MIDLAND, TX 79702

3b. Phone No. (include area code)

432-689-5200

7. If Unit of CA/Agreement, Name and/or No.
NM70976B LEA UNIT BONE SPRING

8. Well Name and No.
LEA UNIT #31H

9. API Well No.
30-025-40699

10. Field and Pool or Exploratory Area
LEA; BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

46' FSL & 1916' FWL, UNIT LETTER N, SEC. 12, T20S, R34E

11. County or Parish, State
LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other <u>CHANGE SURFACE LOCATION</u>
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

---SEE ATTACHED---

New Well Location

SHL: 46 FSL 1916 FWL
Sec. 12 of T.20S. R34E.

BHL: 330 FSL 1916 FWL
Sec. 13 of T.20S. R34E.

From sec. 13 to sec 12

Previously approved APD
Conditions of Approval
apply to this Sundry.
Previously approved APD
infrastructure and surface
Use Plan apply to this
sundry. TN 4/22/13

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

BLAIN LEWIS

Title SENIOR ENGINEER

Signature

Blain Lewis

Date 03/04/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

[Signature]

Title

FIELD MANAGER

Date

5/9/13

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

BLM Carlsbad Field Office

[Signature]

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

MAY 20 2013

[Signature]

DISTRICT I
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. 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

HOBBS OCD
MAY 13 2013

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-40699	Pool Code 37570	Pool Name LEA; BONE SPRING
Property Code 302802	Property Name LEA UNIT	Well Number 31H
OGRID No. 240974	Operator Name LEGACY RESERVES OPERATING LP	Elevation 3651'

Surface Location

UL or lot No. N	Section 12	Township 20 S	Range 34 E	Lot Idn	Feet from the 46	North/South line SOUTH	Feet from the 1916	East/West line WEST	County LEA
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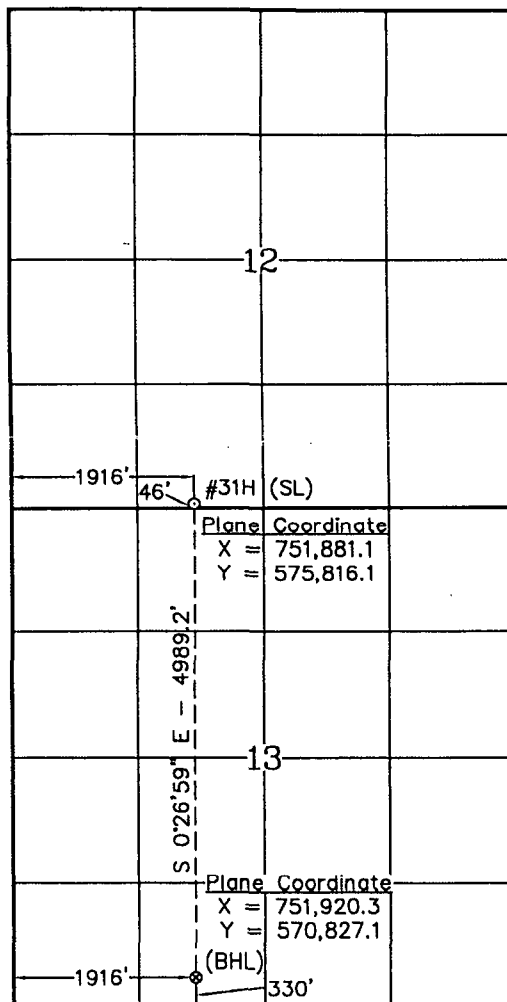
Bottom Hole Location If Different From Surface

UL or lot No. N	Section 13	Township 20 S	Range 34 E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 1916	East/West line WEST	County LEA
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Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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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

NOTE:
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.



OPERATOR CERTIFICATION

I hereby certify the the information contained herein to 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.

Blain Lewis 3/4/13
Signature Date
BLAIN LEWIS
Printed Name

SURVEYOR CERTIFICATION

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.

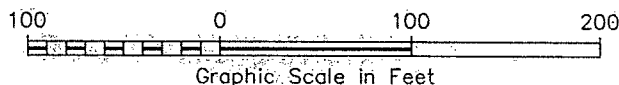
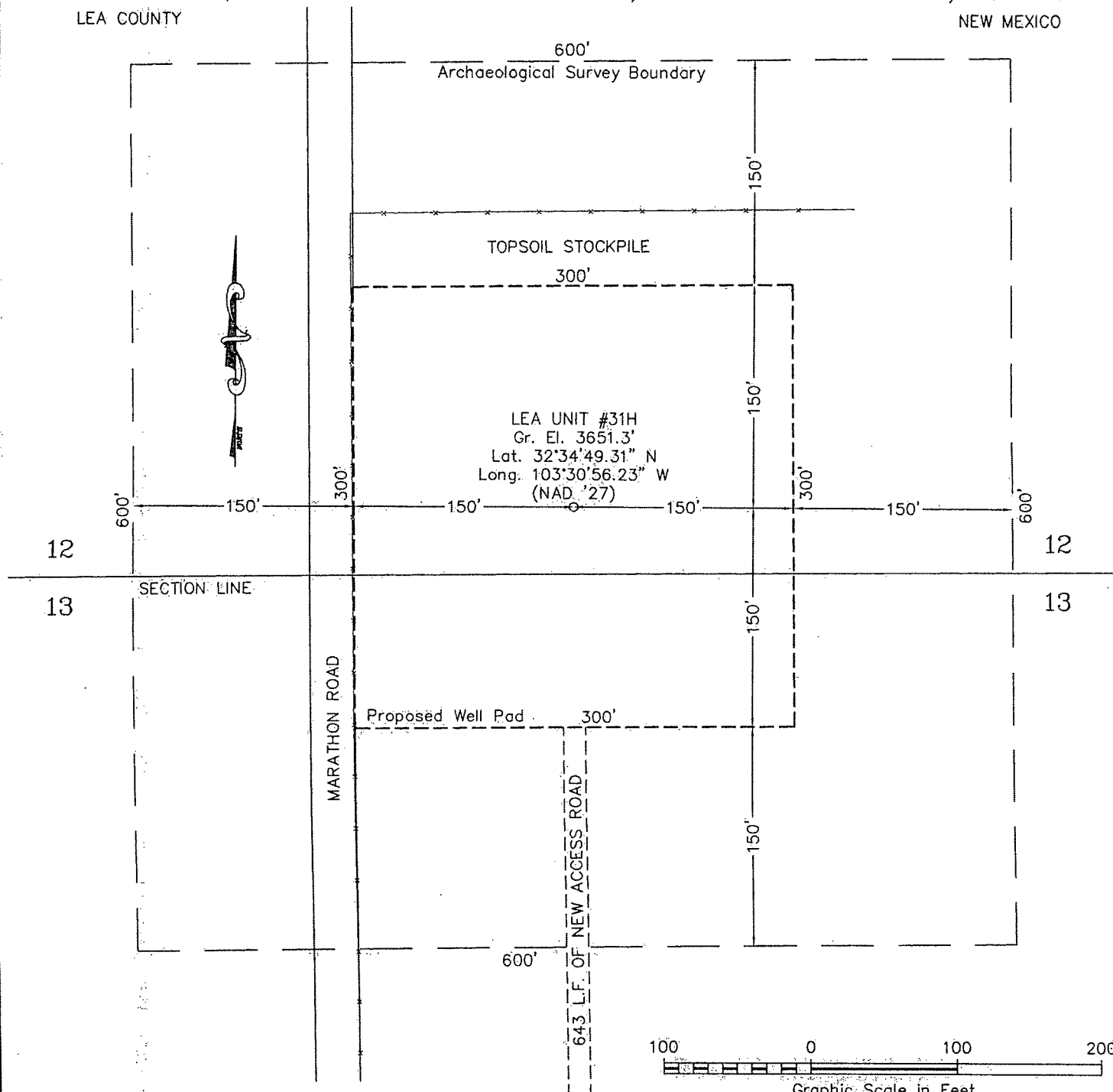
February 20, 2013
Date of Survey SC
Signature & Seal of Professional Surveyor
12185
W.O. Num: 2013-0320
Certificate No. Macon McDonald 12185

SECTION 12, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.

LEA COUNTY

NEW MEXICO

L-2013-0320-A



DRIVING DIRECTIONS

FROM THE INTERSECTION OF STATE HIGHWAY 18 AND U.S. HIGHWAY 62-180 IN HOBBS, NEW MEXICO GO WEST AND SOUTHWEST ON U.S. HIGHWAY 62-180 23.6 MILES TO MARATHON ROAD ON SOUTH (LEFT) SIDE OF THE HIGHWAY, THEN GO SOUTH 3.9 MILES TO ANOTHER LEASE ROAD ON THE EAST (LEFT) SIDE OF THE ROAD, THEN GO EAST 150 FEET TO A POINT APPROXIMATELY 800 FEET SOUTH OF THE PROPOSED LOCATION.

LEGACY RESERVES OPERATING LP

LEA UNIT #31H

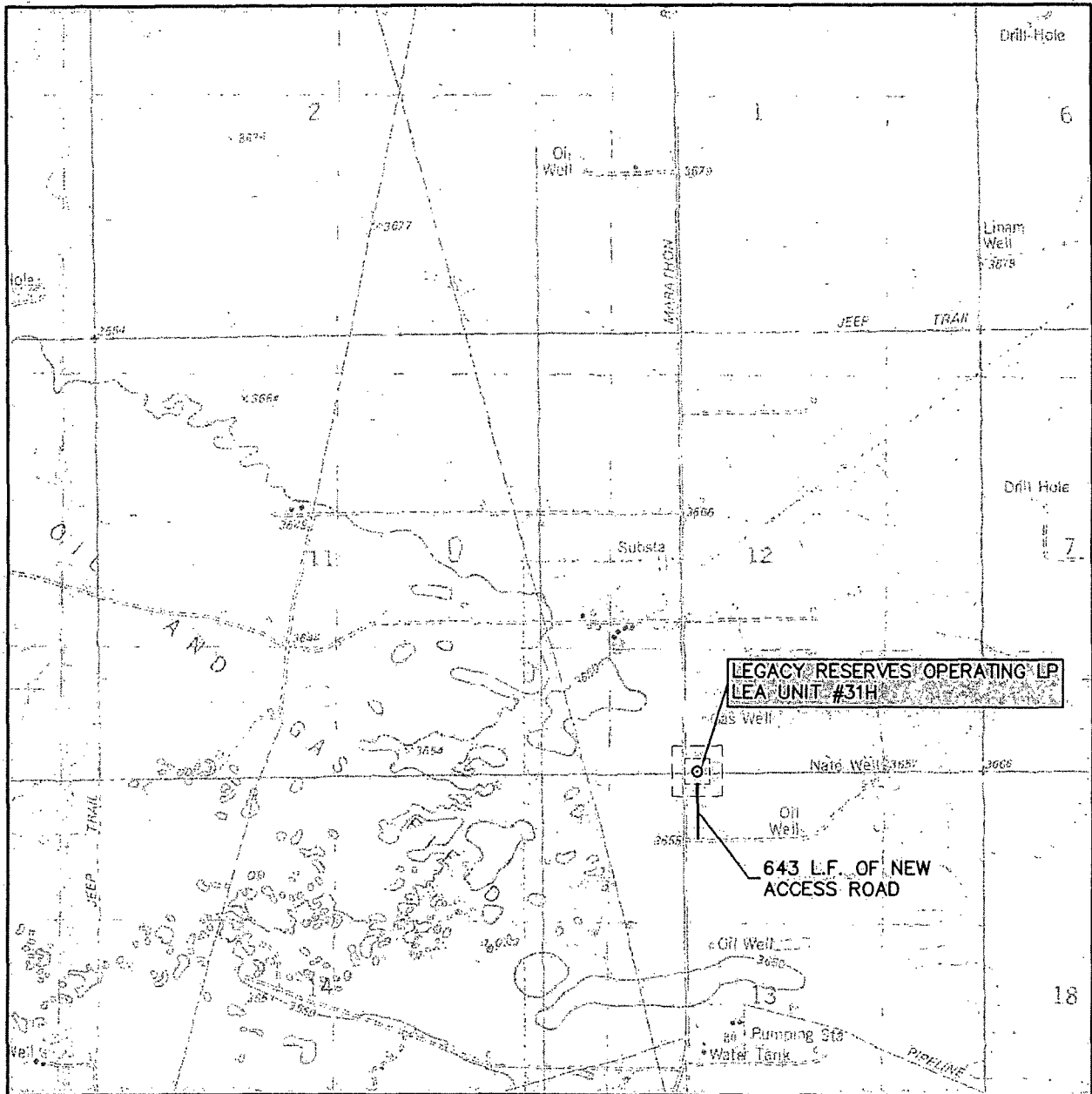
Located 46' FSL & 1916' FWL, Section 12
Township 20 South, Range 34 East, N.M.P.M.
Lea County, New Mexico



110 W. LOUISIANA, STE. 110
MIDLAND, TEXAS, 79701
(432) 687-0865 - (432) 687-0868 FAX

Drawn By: LVA	Date: April 15, 2013
Scale: 1" = 100'	Field Book: 566 / 66-67
Revision Date:	Quadrangle: Lea
W.O. No: 2013-0320	Dwg. No: L-2013-0320-A

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
LEA - 10'

SEC: 12 TWP. 20-S RGE. 34-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 46' FSL & 1916' FWL

ELEVATION 3651'

OPERATOR LEGACY RESERVES OPERATING LP

LEASE LEA UNIT

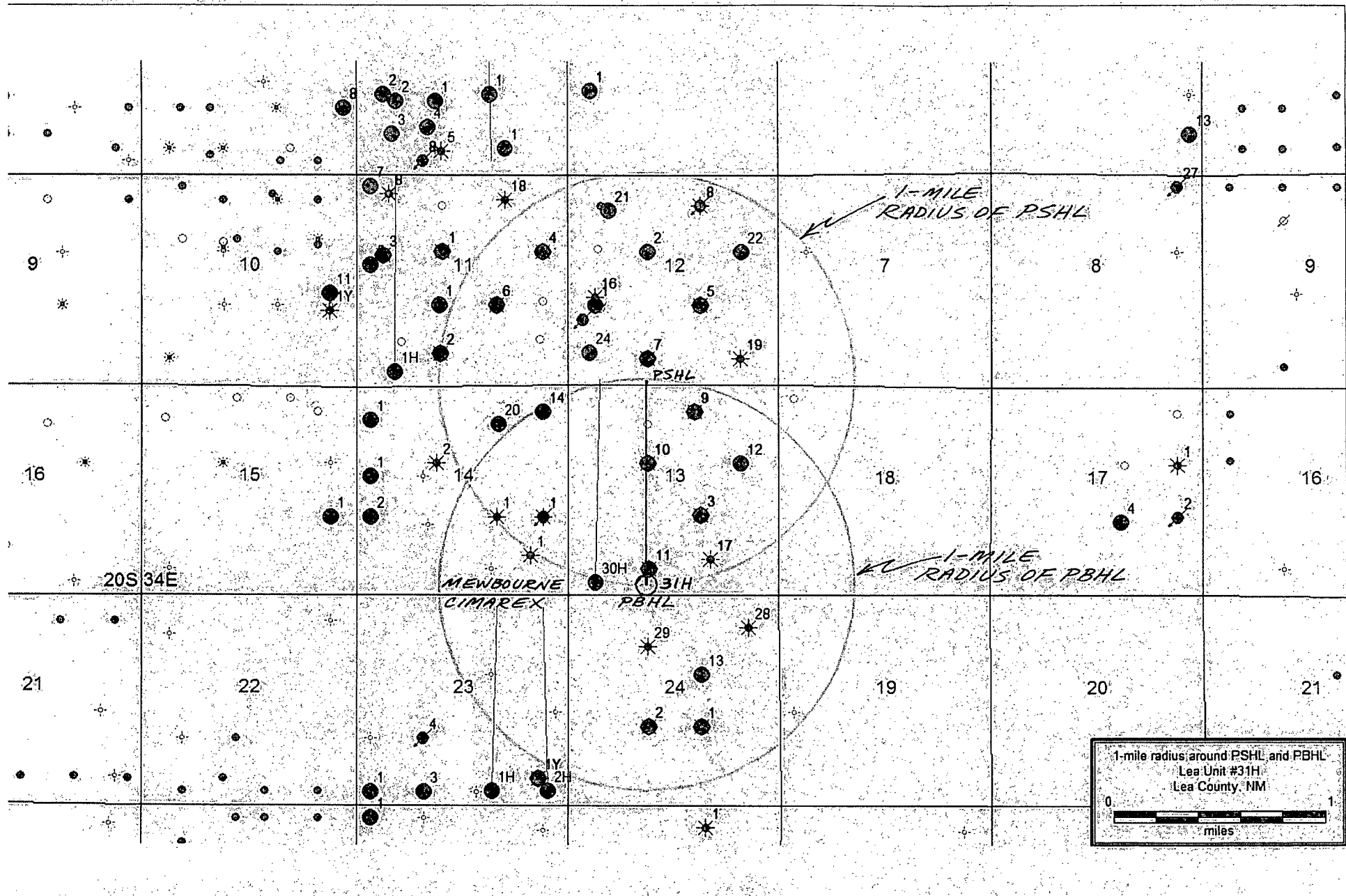
U.S.G.S. TOPOGRAPHIC MAP

LEA



**WEST
COMPANY**
of Midland, Inc.

110 W. LOUISIANA, STE. 110
MIDLAND, TEXAS, 79701
(432) 687-0865 - (432) 687-0868 FAX





Legacy Reserves Operating LP, P.O. Box 10848, Midland, Texas 79702

April 22, 2013

United States Department of Interior
Bureau of Land Management
620 E. Greene Street
Carlsbad, New Mexico 88220
ATTN: Mr. Tanner Nygren

RE: Surface Use Agreement and Application for Permit to Drill
Lea Unit #31H
Surface location: 474' FSL, 2004' FEL, Section 6, T20S, R34E
Lea County, New Mexico

Dear Mr. Nygren:

As per your request, the private surface owner at the Lea Unit #31H location pad is Kenneth Smith Inc., 267 Smith Ranch Road, Hobbs, New Mexico 88240. His phone number is 575/942-8421. He will be provided a copy of the Surface Use Plan of Operations for this well. Attached is the surface use agreement currently in force with Kenneth Smith Inc. that includes the surface location of Lea Unit #31H.

We would like to begin construction of our surface location as soon as possible since we plan to begin moving in a drilling rig as soon after June 15, 2013 as possible. If any additional information is needed, please contact me at 432/689-5201 or by email at blewis@legacyp.com. Thank you.

Sincerely,

Blain K. Lewis
Senior Engineer

BKL

Attachment



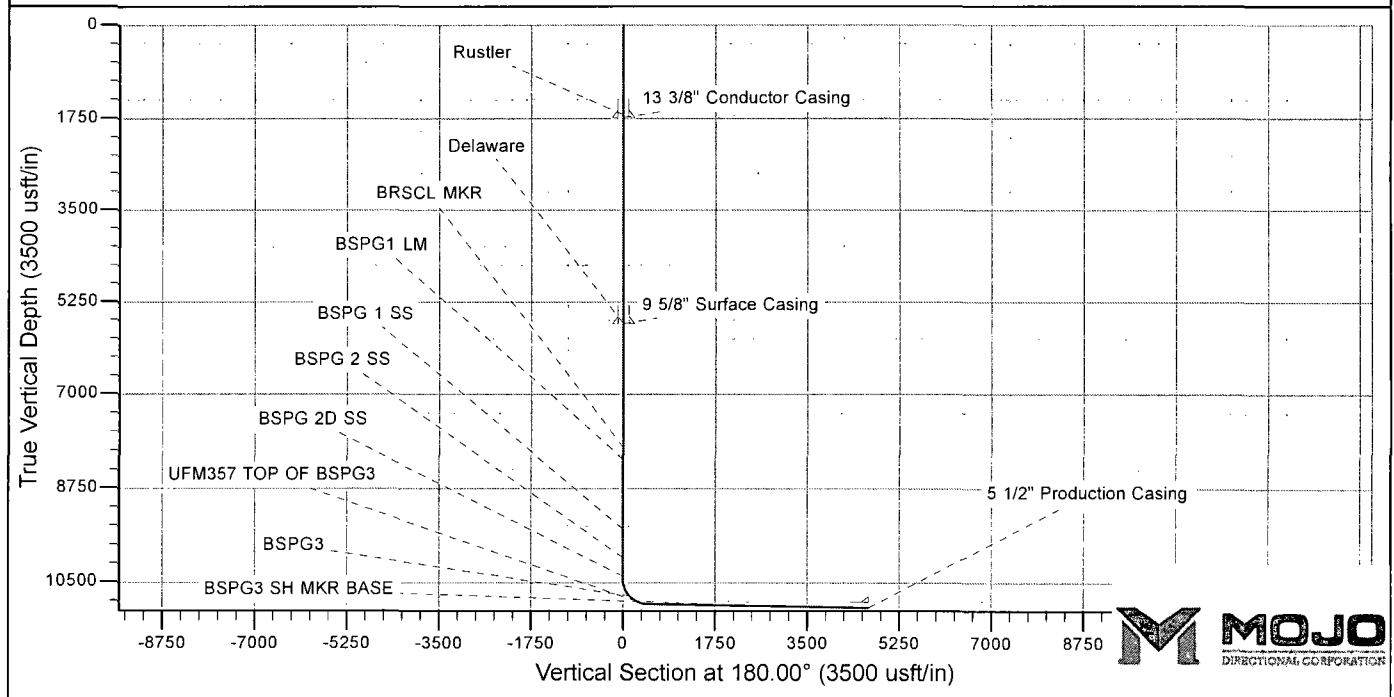
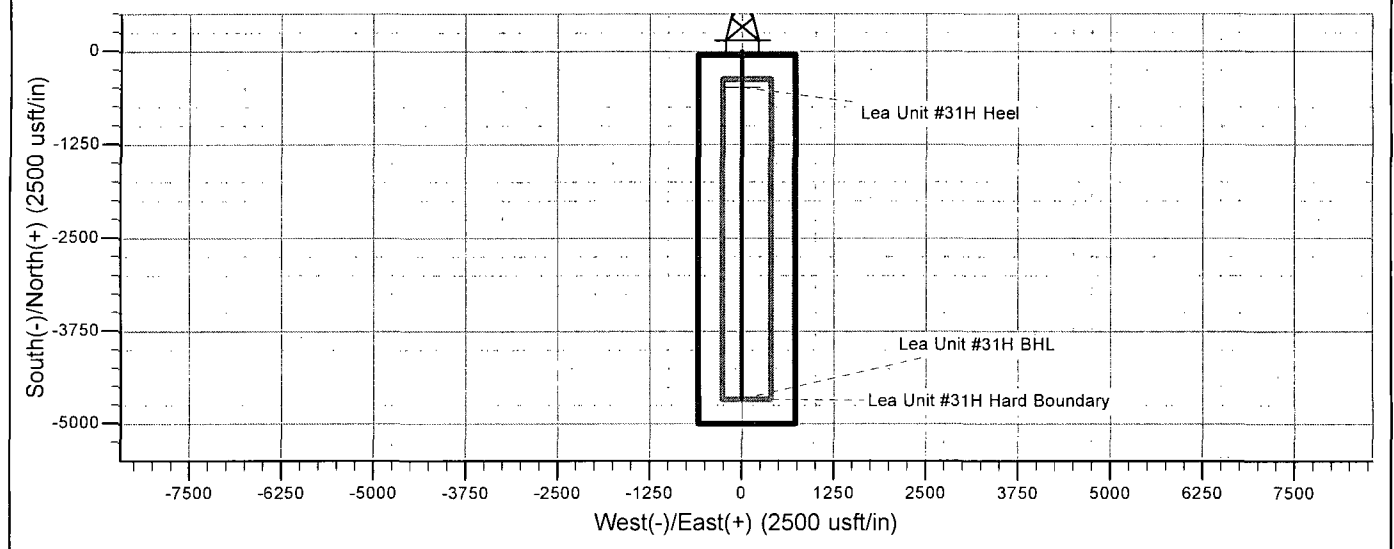
Project: Lea Unit
Site: Lea Unit #31H
Well: Lea Unit #31H
Wellbore: Lea Unit #31H
Design: 130430 Lea Unit #31H

COMPANY DETAILS: Legacy Reserves LP

Calculation Method: Minimum Curvature
Error System: ISCWSA
Scan Method: Closest Approach 3D
Error Surface: Elliptical Conic
Warning Method: Error Ratio

CASING DETAILS					REFERENCE INFORMATION	
TVD	MD	Name	Size		Co-ordinate (N/E) Reference: Well Lea Unit #31H, Grid North	
1730.0	1730.0	13 3/8" Conductor Casing	13-3/8		Vertical (TVD) Reference: Well @ 3676.0usft (No Rig)	
5666.0	5666.0	9 5/8" Surface Casing	9-5/8		Section (VS) Reference: Slot - (0.0N, 0.0E)	
10968.015355.2		5 1/2" Production Casing	5-1/2		Measured Depth Reference: Well @ 3676.0usft (No Rig)	
FORMATION TOP DETAILS					Calculation Method: Minimum Curvature	
TVDPath	MDPath	Formation	DipAngle	DipDir	ANNOTATIONS	
1680.0	1680.0	Rustler	0.00			
5666.0	5666.0	Delaware	0.00			
7993.0	7993.0	BRSL MKR	0.00			
8205.0	8205.0	BSPG1 LM	0.00			
9501.0	9501.0	BSPG 1 SS	0.00			
10034.0	10034.0	BSPG 2 SS	0.00			
10381.0	10381.0	BSPG 2D SS	0.00			
10745.0	10778.2	BSPG3	0.00			
10852.0	10962.7	UFM357 TOP OF BSPG3	0.00			
10936.0	13514.7	BSPG3 SH MKR BASE	0.00			

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
7000.0	7000.0	0.00	0.00	0.0	0.0	0.0	0.0	Start 3418.0 hold at 7000.0 MD
10418.0	10418.0	0.00	180.00	0.0	0.0	0.0	0.0	Start Build 12.00
10892.8	11118.0	84.00	180.00	-427.6	0.0	427.6	427.6	Start Build 12.10
10895.4	11160.0	89.00	180.00	-469.5	0.0	469.5	469.5	Start DLS 0.00 TFO 0.00
10968.0	13535.2	89.00	180.00	-4664.0	0.0	4664.0	4664.0	TD at 15355.2



HOBBS OCD

MAY 13 2013

RECEIVED

Legacy Reserves LP

Lea Unit

Lea Unit #31H

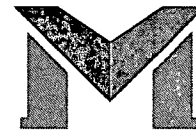
Lea Unit #31H

Lea Unit #31H

Plan: 130430 Lea Unit #31H

MOJO Standard Well Plan

01 May, 2013



MOJO
DIRECTIONAL CORPORATION

MOJO Directional Corporation

MOJO Standard Well Plan



Company:	Legacy Reserves LP	Local Co-ordinate Reference:	Well: Lea Unit #31H
Project:	Lea Unit	TVD Reference:	Well @ 3676.0usft (No Rig)
Site:	Lea Unit #31H	MD Reference:	Well @ 3676.0usft (No Rig)
Well:	Lea Unit #31H	North Reference:	Grid
Wellbore:	Lea Unit #31H	Survey Calculation Method:	Minimum Curvature
Design:	130430 Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Project		Lea Unit	
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		Using geodetic scale factor

Site						Lea Unit #31H					
Site Position:		Northing:		751,881.10 usft		Latitude:		33° 4' 0.243 N			
From:		Easting:		575,816.10 usft		Longitude:		104° 5' 9.073 W			
Position Uncertainty:		Slot Radius:		16 "		Grid Convergence:		0.14 °			
Map		1.0 usft									

Well: Lea Unit #31H						
Well Position	+N/-S	0.0 usft	Northing:	751,881.10 usft	Latitude:	33° 4' 0.243 N
	+E/-W	0.0 usft	Easting:	575,816.10 usft	Longitude:	104° 5' 9.073 W
Position Uncertainty		1.0 usft	Wellhead Elevation:	usft	Ground Level:	3,651.0 usft

Wellbore	Lea Unit #31H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	4/04/13	7.66	60.86	48,926

Design					130430 Lea Unit #31H				
Audit Notes:									
Version:		Phase:		PLAN		Tie On Depth:		0.0	
Vertical Section:		Depth From (TVD)		+N/S		+E/W		Direction	
		(usft)		(usft)		(usft)		(°)	
		0.0		0.0		0.0		180.00	

Survey Tool Program		Date 5/01/13		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	15,355.2	130430 Lea Unit #31H (Lea Unit #31H)		

MOJO Directional Corporation

MOJO Standard Well Plan



Company:	Legacy Reserves LP	Local Co-ordinate Reference:	Well: Lea Unit #31H
Project:	Lea Unit	TVD Reference:	Well @ 3676.0usft (No Rig)
Site:	Lea Unit #31H	MD Reference:	Well @ 3676.0usft (No Rig)
Well:	Lea Unit #31H	North Reference:	Grid
Wellbore:	Lea Unit #31H	Survey Calculation Method:	Minimum Curvature
Design:	130430 Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)	
0.0	0.00	0.00	0.0	-3,676.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
100.0	0.00	0.00	100.0	-3,576.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
200.0	0.00	0.00	200.0	-3,476.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
300.0	0.00	0.00	300.0	-3,376.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
400.0	0.00	0.00	400.0	-3,276.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
500.0	0.00	0.00	500.0	-3,176.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
600.0	0.00	0.00	600.0	-3,076.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
700.0	0.00	0.00	700.0	-2,976.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
800.0	0.00	0.00	800.0	-2,876.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
900.0	0.00	0.00	900.0	-2,776.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
1,000.0	0.00	0.00	1,000.0	-2,676.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
1,100.0	0.00	0.00	1,100.0	-2,576.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
1,200.0	0.00	0.00	1,200.0	-2,476.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
1,300.0	0.00	0.00	1,300.0	-2,376.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
1,400.0	0.00	0.00	1,400.0	-2,276.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
1,500.0	0.00	0.00	1,500.0	-2,176.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
1,600.0	0.00	0.00	1,600.0	-2,076.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
1,680.0	0.00	0.00	1,680.0	-1,996.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
Rustler											
1,700.0	0.00	0.00	1,700.0	-1,976.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
1,730.0	0.00	0.00	1,730.0	-1,946.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
13 3/8" Conductor Casing											
1,800.0	0.00	0.00	1,800.0	-1,876.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
1,900.0	0.00	0.00	1,900.0	-1,776.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
2,000.0	0.00	0.00	2,000.0	-1,676.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
2,100.0	0.00	0.00	2,100.0	-1,576.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
2,200.0	0.00	0.00	2,200.0	-1,476.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	

MOJO Directional Corporation

MOJO Standard Well Plan



Company:	Legacy Reserves LP	Local Co-ordinate Reference:	Well: Lea Unit #31H
Project:	Lea Unit	TVD Reference:	Well @ 3676.0usft (No Rig)
Site:	Lea Unit #31H	MD Reference:	Well @ 3676.0usft (No Rig)
Well:	Lea Unit #31H	North Reference:	Grid
Wellbore:	Lea Unit #31H	Survey Calculation Method:	Minimum Curvature
Design:	130430 Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)	
2,300.0	0.00	0.00	2,300.0	-1,376.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
2,400.0	0.00	0.00	2,400.0	-1,276.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
2,500.0	0.00	0.00	2,500.0	-1,176.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
2,600.0	0.00	0.00	2,600.0	-1,076.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
2,700.0	0.00	0.00	2,700.0	-976.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
2,800.0	0.00	0.00	2,800.0	-876.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
2,900.0	0.00	0.00	2,900.0	-776.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
3,000.0	0.00	0.00	3,000.0	-676.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
3,100.0	0.00	0.00	3,100.0	-576.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
3,200.0	0.00	0.00	3,200.0	-476.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
3,300.0	0.00	0.00	3,300.0	-376.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
3,400.0	0.00	0.00	3,400.0	-276.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
3,500.0	0.00	0.00	3,500.0	-176.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
3,600.0	0.00	0.00	3,600.0	-76.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
3,700.0	0.00	0.00	3,700.0	24.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
3,800.0	0.00	0.00	3,800.0	124.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
3,900.0	0.00	0.00	3,900.0	224.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
4,000.0	0.00	0.00	4,000.0	324.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
4,100.0	0.00	0.00	4,100.0	424.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
4,200.0	0.00	0.00	4,200.0	524.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
4,300.0	0.00	0.00	4,300.0	624.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
4,400.0	0.00	0.00	4,400.0	724.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
4,500.0	0.00	0.00	4,500.0	824.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
4,600.0	0.00	0.00	4,600.0	924.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
4,700.0	0.00	0.00	4,700.0	1,024.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
4,800.0	0.00	0.00	4,800.0	1,124.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
4,900.0	0.00	0.00	4,900.0	1,224.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	

MOJO Directional Corporation

MOJO Standard Well Plan



Company:	Legacy Reserves LP	Local Co-ordinate Reference:	Well: Lea Unit #31H
Project:	Lea Unit	TVD Reference:	Well @ 3676.0usft (No Rig)
Site:	Lea Unit #31H	MD Reference:	Well @ 3676.0usft (No Rig)
Well:	Lea Unit #31H	North Reference:	Grid
Wellbore:	Lea Unit #31H	Survey Calculation Method:	Minimum Curvature
Design:	130430 Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)	
5,000.0	0.00	0.00	5,000.0	1,324.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
5,100.0	0.00	0.00	5,100.0	1,424.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
5,200.0	0.00	0.00	5,200.0	1,524.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
5,300.0	0.00	0.00	5,300.0	1,624.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
5,400.0	0.00	0.00	5,400.0	1,724.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
5,500.0	0.00	0.00	5,500.0	1,824.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
5,600.0	0.00	0.00	5,600.0	1,924.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
5,666.0	0.00	0.00	5,666.0	1,990.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
Delaware - 9 5/8" Surface Casing											
5,700.0	0.00	0.00	5,700.0	2,024.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
5,800.0	0.00	0.00	5,800.0	2,124.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
5,900.0	0.00	0.00	5,900.0	2,224.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
6,000.0	0.00	0.00	6,000.0	2,324.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
6,100.0	0.00	0.00	6,100.0	2,424.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
6,200.0	0.00	0.00	6,200.0	2,524.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
6,300.0	0.00	0.00	6,300.0	2,624.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
6,400.0	0.00	0.00	6,400.0	2,724.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
6,500.0	0.00	0.00	6,500.0	2,824.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
6,600.0	0.00	0.00	6,600.0	2,924.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
6,700.0	0.00	0.00	6,700.0	3,024.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
6,800.0	0.00	0.00	6,800.0	3,124.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
6,900.0	0.00	0.00	6,900.0	3,224.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
7,000.0	0.00	0.00	7,000.0	3,324.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
Start 3418.0 hold at 7000.0 MD											
7,100.0	0.00	180.00	7,100.0	3,424.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
7,200.0	0.00	180.00	7,200.0	3,524.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
7,300.0	0.00	180.00	7,300.0	3,624.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	

MOJO Directional Corporation

MOJO Standard Well Plan



Company:	Legacy Reserves LP	Local Co-ordinate Reference:	Well: Lea Unit #31H
Project:	Lea Unit	TVD Reference:	Well @ 3676.0usft (No Rig)
Site:	Lea Unit #31H	MD Reference:	Well @ 3676.0usft (No Rig)
Well:	Lea Unit #31H	North Reference:	Grid
Wellbore:	Lea Unit #31H	Survey Calculation Method:	Minimum Curvature
Design:	130430 Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)	
7,400.0	0.00	180.00	7,400.0	3,724.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
7,500.0	0.00	180.00	7,500.0	3,824.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
7,600.0	0.00	180.00	7,600.0	3,924.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
7,700.0	0.00	180.00	7,700.0	4,024.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
7,800.0	0.00	180.00	7,800.0	4,124.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
7,900.0	0.00	180.00	7,900.0	4,224.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
7,993.0	0.00	180.00	7,993.0	4,317.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
BRSL MKR											
8,000.0	0.00	180.00	8,000.0	4,324.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
8,100.0	0.00	180.00	8,100.0	4,424.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
8,200.0	0.00	180.00	8,200.0	4,524.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
8,205.0	0.00	180.00	8,205.0	4,529.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
BSPG1 LM											
8,300.0	0.00	180.00	8,300.0	4,624.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
8,400.0	0.00	180.00	8,400.0	4,724.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
8,500.0	0.00	180.00	8,500.0	4,824.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
8,600.0	0.00	180.00	8,600.0	4,924.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
8,700.0	0.00	180.00	8,700.0	5,024.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
8,800.0	0.00	180.00	8,800.0	5,124.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
8,900.0	0.00	180.00	8,900.0	5,224.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
9,000.0	0.00	180.00	9,000.0	5,324.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
9,100.0	0.00	180.00	9,100.0	5,424.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
9,200.0	0.00	180.00	9,200.0	5,524.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
9,300.0	0.00	180.00	9,300.0	5,624.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
9,400.0	0.00	180.00	9,400.0	5,724.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
9,500.0	0.00	180.00	9,500.0	5,824.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	

MOJO Directional Corporation
MOJO Standard Well Plan



Company:	Legacy Reserves LP	Local Co-ordinate Reference:	Well: Lea Unit #31H
Project:	Lea Unit	TVD Reference:	Well @ 3676.0usft (No Rig)
Site:	Lea Unit #31H	MD Reference:	Well @ 3676.0usft (No Rig)
Well:	Lea Unit #31H	North Reference:	Grid
Wellbore:	Lea Unit #31H	Survey Calculation Method:	Minimum Curvature
Design:	130430 Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)	
9,501.0	0.00	180.00	9,501.0	5,825.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
BSPG 1 SS											
9,600.0	0.00	180.00	9,600.0	5,924.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
9,700.0	0.00	180.00	9,700.0	6,024.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
9,800.0	0.00	180.00	9,800.0	6,124.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
9,900.0	0.00	180.00	9,900.0	6,224.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
10,000.0	0.00	180.00	10,000.0	6,324.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
10,034.0	0.00	180.00	10,034.0	6,358.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
BSPG 2 SS											
10,100.0	0.00	180.00	10,100.0	6,424.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
10,200.0	0.00	180.00	10,200.0	6,524.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
10,300.0	0.00	180.00	10,300.0	6,624.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
10,381.0	0.00	180.00	10,381.0	6,705.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
BSPG 2D SS											
10,400.0	0.00	180.00	10,400.0	6,724.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
10,418.0	0.00	180.00	10,418.0	6,742.0	0.0	0.0	0.00	0.0	751,881.10	575,816.10	
Start Build 12.00											
10,425.0	0.84	180.00	10,425.0	6,749.0	-0.1	0.0	12.00	0.1	751,881.05	575,816.10	
10,450.0	3.84	180.00	10,450.0	6,774.0	-1.1	0.0	12.00	1.1	751,880.03	575,816.10	
10,475.0	6.84	180.00	10,474.9	6,798.9	-3.4	0.0	12.00	3.4	751,877.70	575,816.10	
10,500.0	9.84	180.00	10,499.6	6,823.6	-7.0	0.0	12.00	7.0	751,874.08	575,816.10	
10,525.0	12.84	180.00	10,524.1	6,848.1	-11.9	0.0	12.00	11.9	751,869.16	575,816.10	
10,550.0	15.84	180.00	10,548.3	6,872.3	-18.1	0.0	12.00	18.1	751,862.97	575,816.10	
10,575.0	18.84	180.00	10,572.2	6,896.2	-25.6	0.0	12.00	25.6	751,855.52	575,816.10	
10,600.0	21.84	180.00	10,595.6	6,919.6	-34.3	0.0	12.00	34.3	751,846.83	575,816.10	
10,625.0	24.84	180.00	10,618.6	6,942.6	-44.2	0.0	12.00	44.2	751,836.93	575,816.10	
10,650.0	27.84	180.00	10,641.0	6,965.0	-55.3	0.0	12.00	55.3	751,825.84	575,816.10	
10,675.0	30.84	180.00	10,662.8	6,986.8	-67.5	0.0	12.00	67.5	751,813.59	575,816.10	

MOJO Directional Corporation

MOJO Standard Well Plan



Company:	Legacy Reserves LP	Local Co-ordinate Reference:	Well: Lea Unit #31H
Project:	Lea Unit	TVD Reference:	Well @ 3676.0usft (No Rig)
Site:	Lea Unit #31H	MD Reference:	Well @ 3676.0usft (No Rig)
Well:	Lea Unit #31H	North Reference:	Grid
Wellbore:	Lea Unit #31H	Survey Calculation Method:	Minimum Curvature
Design:	130430 Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)	
10,700.0	33.84	180.00	10,683.9	7,007.9	-80.9	0.0	12.00	80.9	751,800.22	575,816.10	
10,718.0	36.00	180.00	10,698.6	7,022.6	-91.2	0.0	12.00	91.2	751,789.92	575,816.10	
10,725.0	36.84	180.00	10,704.3	7,028.3	-95.3	0.0	12.00	95.3	751,785.76	575,816.10	
10,750.0	39.84	180.00	10,723.9	7,047.9	-110.8	0.0	12.00	110.8	751,770.26	575,816.10	
10,775.0	42.84	180.00	10,742.7	7,066.7	-127.4	0.0	12.00	127.4	751,753.75	575,816.10	
10,778.2	43.23	180.00	10,745.0	7,069.0	-129.6	0.0	12.00	129.6	751,751.56	575,816.10	
BSPG3											
10,800.0	45.84	180.00	10,760.5	7,084.5	-144.8	0.0	12.00	144.8	751,736.28	575,816.10	
10,825.0	48.84	180.00	10,777.5	7,101.5	-163.2	0.0	12.00	163.2	751,717.90	575,816.10	
10,850.0	51.84	180.00	10,793.4	7,117.4	-182.5	0.0	12.00	182.5	751,698.66	575,816.10	
10,875.0	54.84	180.00	10,808.3	7,132.3	-202.5	0.0	12.00	202.5	751,678.61	575,816.10	
10,900.0	57.84	180.00	10,822.2	7,146.2	-223.3	0.0	12.00	223.3	751,657.80	575,816.10	
10,925.0	60.84	180.00	10,835.0	7,159.0	-244.8	0.0	12.00	244.8	751,636.30	575,816.10	
10,950.0	63.84	180.00	10,846.6	7,170.6	-267.0	0.0	12.00	267.0	751,614.16	575,816.10	
10,962.7	65.36	180.00	10,852.0	7,176.0	-278.4	0.0	12.00	278.4	751,602.70	575,816.10	
UFM357 TOP OF BSPG3											
10,975.0	66.84	180.00	10,857.0	7,181.0	-289.7	0.0	12.00	289.7	751,591.45	575,816.10	
11,000.0	69.84	180.00	10,866.2	7,190.2	-312.9	0.0	12.00	312.9	751,568.22	575,816.10	
11,018.0	72.00	180.00	10,872.1	7,196.1	-329.9	0.0	12.00	329.9	751,551.21	575,816.10	
11,025.0	72.84	180.00	10,874.2	7,198.2	-336.6	0.0	12.00	336.6	751,544.54	575,816.10	
11,050.0	75.84	180.00	10,881.0	7,205.0	-360.7	0.0	12.00	360.7	751,520.47	575,816.10	
11,075.0	78.84	180.00	10,886.4	7,210.4	-385.1	0.0	12.00	385.1	751,496.08	575,816.10	
11,100.0	81.84	180.00	10,890.6	7,214.6	-409.7	0.0	12.00	409.7	751,471.44	575,816.10	
11,118.0	84.00	180.00	10,892.8	7,216.8	-427.6	0.0	12.00	427.6	751,453.58	575,816.10	
Start Build 12.10											
11,125.0	84.83	180.00	10,893.5	7,217.5	-434.5	0.0	11.90	434.5	751,446.61	575,816.10	
11,150.0	87.81	180.00	10,895.1	7,219.1	-459.5	0.0	11.90	459.5	751,421.67	575,816.10	

MOJO Directional Corporation

MOJO Standard Well Plan



Company:	Legacy Reserves LP	Local Co-ordinate Reference:	Well: Lea Unit #31H
Project:	Lea Unit	TVD Reference:	Well @ 3676.0usft (No Rig)
Site:	Lea Unit #31H	MD Reference:	Well @ 3676.0usft (No Rig)
Well:	Lea Unit #31H	North Reference:	Grid
Wellbore:	Lea Unit #31H	Survey Calculation Method:	Minimum Curvature
Design:	130430 Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)	
11,160.0	89.00	180.00	10,895.4	7,219.4	-469.5	0.0	11.90	469.5	751,411.68	575,816.10	
Start DLS 0.00 TFO 0.00											
11,161.1	89.02	180.00	10,895.4	7,219.4	-470.6	0.0	1.50	470.6	751,410.53	575,816.10	
11,200.0	89.02	180.00	10,896.1	7,220.1	-509.5	0.0	0.00	509.5	751,371.68	575,816.10	
11,300.0	89.02	180.00	10,897.8	7,221.8	-609.4	0.0	0.00	609.4	751,271.71	575,816.10	
11,400.0	89.02	180.00	10,899.5	7,223.5	-709.4	0.0	0.00	709.4	751,171.73	575,816.10	
11,500.0	89.02	180.00	10,901.2	7,225.2	-809.4	0.0	0.00	809.4	751,071.75	575,816.10	
11,600.0	89.02	180.00	10,903.0	7,227.0	-909.4	0.0	0.00	909.4	750,971.78	575,816.10	
11,700.0	89.01	180.00	10,904.7	7,228.7	-1,009.4	0.0	0.00	1,009.4	750,871.80	575,816.10	
11,800.0	89.01	180.00	10,906.4	7,230.4	-1,109.4	0.0	0.00	1,109.4	750,771.82	575,816.10	
11,900.0	89.01	180.00	10,908.1	7,232.1	-1,209.4	0.0	0.00	1,209.4	750,671.85	575,816.10	
12,000.0	89.01	180.00	10,909.8	7,233.8	-1,309.3	0.0	0.00	1,309.3	750,571.87	575,816.10	
12,100.0	89.01	180.00	10,911.6	7,235.6	-1,409.3	0.0	0.00	1,409.3	750,471.89	575,816.10	
12,200.0	89.01	180.00	10,913.3	7,237.3	-1,509.3	0.0	0.00	1,509.3	750,371.92	575,816.10	
12,300.0	89.01	180.00	10,915.0	7,239.0	-1,609.3	0.0	0.00	1,609.3	750,271.94	575,816.10	
12,400.0	89.01	180.00	10,916.7	7,240.7	-1,709.3	0.0	0.00	1,709.3	750,171.96	575,816.10	
12,500.0	89.01	180.00	10,918.5	7,242.5	-1,809.3	0.0	0.00	1,809.3	750,071.99	575,816.10	
12,600.0	89.01	180.00	10,920.2	7,244.2	-1,909.3	0.0	0.00	1,909.3	749,972.01	575,816.10	
12,700.0	89.01	180.00	10,921.9	7,245.9	-2,009.2	0.0	0.00	2,009.2	749,872.03	575,816.10	
12,800.0	89.01	180.00	10,923.6	7,247.6	-2,109.2	0.0	0.00	2,109.2	749,772.06	575,816.10	
12,900.0	89.01	180.00	10,925.4	7,249.4	-2,209.2	0.0	0.00	2,209.2	749,672.08	575,816.10	
13,000.0	89.01	180.00	10,927.1	7,251.1	-2,309.2	0.0	0.00	2,309.2	749,572.10	575,816.10	
13,100.0	89.01	180.00	10,928.8	7,252.8	-2,409.2	0.0	0.00	2,409.2	749,472.13	575,816.10	
13,200.0	89.01	180.00	10,930.6	7,254.6	-2,509.2	0.0	0.00	2,509.2	749,372.15	575,816.10	
13,300.0	89.01	180.00	10,932.3	7,256.3	-2,609.1	0.0	0.00	2,609.1	749,272.17	575,816.10	
13,400.0	89.01	180.00	10,934.0	7,258.0	-2,709.1	0.0	0.00	2,709.1	749,172.20	575,816.10	
13,500.0	89.01	180.00	10,935.7	7,259.7	-2,809.1	0.0	0.00	2,809.1	749,072.22	575,816.10	

MOJO Directional Corporation

MOJO Standard Well Plan



Company:	Legacy Reserves LP	Local Co-ordinate Reference:	Well: Lea Unit #31H
Project:	Lea Unit	TVD Reference:	Well @ 3676.0usft (No Rig)
Site:	Lea Unit #31H	MD Reference:	Well @ 3676.0usft (No Rig)
Well:	Lea Unit #31H	North Reference:	Grid
Wellbore:	Lea Unit #31H	Survey Calculation Method:	Minimum Curvature
Design:	130430 Lea Unit #31H	Database:	EDM:5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)	
13,514.7	89.01	180.00	10,936.0	7,260.0	-2,823.8	0.0	0.00	2,823.8	749,057.55	575,816.10	
BSPG3 SH MKR BASE											
13,600.0	89.01	180.00	10,937.5	7,261.5	-2,909.1	0.0	0.00	2,909.1	748,972.24	575,816.10	
13,700.0	89.01	180.00	10,939.2	7,263.2	-3,009.1	0.0	0.00	3,009.1	748,872.27	575,816.10	
13,800.0	89.01	180.00	10,940.9	7,264.9	-3,109.1	0.0	0.00	3,109.1	748,772.29	575,816.10	
13,900.0	89.01	180.00	10,942.7	7,266.7	-3,209.1	0.0	0.00	3,209.1	748,672.31	575,816.10	
14,000.0	89.01	180.00	10,944.4	7,268.4	-3,309.0	0.0	0.00	3,309.0	748,572.34	575,816.10	
14,100.0	89.01	180.00	10,946.2	7,270.2	-3,409.0	0.0	0.00	3,409.0	748,472.36	575,816.10	
14,200.0	89.00	180.00	10,947.9	7,271.9	-3,509.0	0.0	0.00	3,509.0	748,372.38	575,816.10	
14,300.0	89.00	180.00	10,949.6	7,273.6	-3,609.0	0.0	0.00	3,609.0	748,272.41	575,816.10	
14,400.0	89.00	180.00	10,951.4	7,275.4	-3,709.0	0.0	0.00	3,709.0	748,172.43	575,816.10	
14,500.0	89.00	180.00	10,953.1	7,277.1	-3,809.0	0.0	0.00	3,809.0	748,072.45	575,816.10	
14,600.0	89.00	180.00	10,954.8	7,278.8	-3,909.0	0.0	0.00	3,909.0	747,972.48	575,816.10	
14,700.0	89.00	180.00	10,956.6	7,280.6	-4,008.9	0.0	0.00	4,008.9	747,872.50	575,816.10	
14,800.0	89.00	180.00	10,958.3	7,282.3	-4,108.9	0.0	0.00	4,108.9	747,772.53	575,816.10	
14,900.0	89.00	180.00	10,960.1	7,284.1	-4,208.9	0.0	0.00	4,208.9	747,672.55	575,816.10	
15,000.0	89.00	180.00	10,961.8	7,285.8	-4,308.9	0.0	0.00	4,308.9	747,572.57	575,816.10	
15,100.0	89.00	180.00	10,963.5	7,287.5	-4,408.9	0.0	0.00	4,408.9	747,472.60	575,816.10	
15,200.0	89.00	180.00	10,965.3	7,289.3	-4,508.9	0.0	0.00	4,508.9	747,372.62	575,816.10	
15,300.0	89.00	180.00	10,967.0	7,291.0	-4,608.8	0.0	0.00	4,608.8	747,272.64	575,816.10	
15,355.2	89.00	180.00	10,968.0	7,292.0	-4,664.0	0.0	0.00	4,664.0	747,217.49	575,816.10	
TD at 15355.2											

MOJO Directional Corporation

MOJO Standard Well Plan



Company:	Legacy Reserves LP	Local Co-ordinate Reference:	Well Lea Unit #31H
Project:	Lea Unit	TVD Reference:	Well @ 3676.0usft (No Rig)
Site:	Lea Unit #31H	MD Reference:	Well @ 3676.0usft (No Rig)
Well:	Lea Unit #31H	North Reference:	Grid
Wellbore:	Lea Unit #31H	Survey Calculation Method:	Minimum Curvature
Design:	130430 Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
5,666.0	5,666.0	9 5/8" Surface Casing	9-5/8	12-1/4	
1,730.0	1,730.0	13 3/8" Conductor Casing	13-3/8	16	
15,355.2	10,968.0	5 1/2" Production Casing	5-1/2	8-3/4	

Formations					
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
13,514.7	10,936.0	BSPG3 SH MKR BASE		0.00	
1,680.0	1,680.0	Rustler		0.00	
5,666.0	5,666.0	Delaware		0.00	
10,034.0	10,034.0	BSPG 2 SS		0.00	
9,501.0	9,501.0	BSPG 1 SS		0.00	
7,993.0	7,993.0	BRSL MKR		0.00	
8,205.0	8,205.0	BSPG1 LM		0.00	
10,778.2	10,745.0	BSPG3		0.00	
10,962.7	10,852.0	UFM357 TOP OF BSPG3		0.00	
10,381.0	10,381.0	BSPG 2D SS		0.00	

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
7,000.0	7,000.0	0.0	0.0	Start 3418.0 hold at 7000.0 MD
10,418.0	10,418.0	0.0	0.0	Start Build 12.00
11,118.0	10,892.8	-427.6	0.0	Start Build 12.10
11,160.0	10,895.4	-469.5	0.0	Start DLS 0.00 TFO 0.00
15,355.2	10,968.0	-4,664.0	0.0	TD at 15355.2

Checked By: _____	Approved By: _____	Date: _____
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