

Results of Directional Survey

API number:	30-025-40699		
OGRID:		Operator:	LEGACY RESERVES OPERATING, LP
		Property:	LEA UNIT # 31H

surface	ULSTR:	N	12	T 20S	R 34E
				330 FNL	1916 FWL

BH Loc	ULSTR:	N	13	T 20S	R 34E
15739	MD	10980.5	TVD	460 FSL	1959 FWL
				4820 FNL	

Top Perf/OH	ULSTR:	C	13	T 20S	R 34E
11130	MD	10913.9	TVD	709 FNL	1764 FWL

Bot Perf/OH	ULSTR:	N	13	T 20S	R 34E
15632	MD	10984.3	TVD	353 FSL	1955 FWL
				4927 FNL	

	MD	N/S	E/W	VD
	11125	-373.60	-151.50	10913.8
TOP PERFS/OH	11130	-378.59	-151.56	10913.92
	11159	-407.50	-151.90	10914.60
	15580	-4814.30	37.90	10986.00
BOT PERFS/OH	15632	-4866.25	39.47	10984.27
	15676	-4910.20	40.80	10982.80

NEXT TO LAST	15736.5	-4970.60	42.70	10980.60
LAST READING	15739	-4973.10	42.80	10980.50
TD	15739	-4973.10	42.80	10980.50

Surface Location	46	FS	1916	FW
Projected BHL	4927	FN	1959	FW
Location of				
Top Perfs/OH	333	FN	1764	FW
Bottom Perfs/OH	4820	FN	1955	FW

SUMMARY of Subsurface Locations

Surface Location	N-12-20S-34E	46	FS	1916	FW	Vert. Depth
Top Perfs/OH	N-12-20S-34E	333	FN	1764	FW	10913.92
Bottom Perfs/OH	N-13-20S-34E	4820	FN	1955	FW	10984.27
Projected TD	N-13-20S-34E	4927	FN	1959	FW	10980.50

OCT 22 2013

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OCT 18 2013

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LEGACY RESERVES OPERATING

Lea

Lea County, New Mexico

Lea Unit #31H

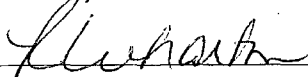
VH - Job #320713-K-747

API- 30-025-40699

Survey: drop Gyro

SDI Survey Report

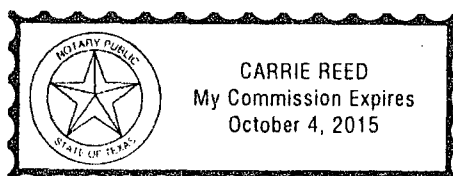
This survey is correct to the best of my knowledge and is supported by actual field data.



Notarized this date 6th of August, 2013.



Notary Signature
County of Midland
State of Texas



SDI SDI Survey Report

Company: LEGACY RESERVES OPERATING
Project: Lea
Site: Lea County, New Mexico
Well: Lea Unit #31H
Wellbore: VH - Job #320713-K-747
Design: VH - Job #320713-K-747

Local Co-ordinate Reference: Well Lea Unit #31H
TVD Reference: WELL @ 0.0usft (Original Well Elev)
MD Reference: WELL @ 0.0usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM-Regulatory

Project: Lea
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

Site: Lea County, New Mexico
Site Position: Northing: 571,319.48 usft Latitude: 32° 34' 4.800 N
From: Lat/Long Easting: 752,106.38 usft Longitude: 103° 30' 54.000 W
Position Uncertainty: 0.0 usft Slot Radius: 13-3/16" Grid Convergence: 0.44 °

Well: Lea Unit #31H, Directional
Well Position: +N/-S 0.0 usft Northing: 575,746.39 usft Latitude: 32° 34' 49.310 N
 +E/-W 0.0 usft Easting: 742,639.94 usft Longitude: 103° 32' 44.228 W
Position Uncertainty: 0.0 usft Wellhead Elevation: usft Ground Level: 0.0 usft

Wellbore: VH - Job #320713-K-747

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/20/2013	7.34	60.47	48,650

Design: VH - Job #320713-K-747

Audit Notes:
Version: 1.0 **Phase:** ACTUAL **Tie On Depth:** 0.0
Vertical Section: Depth From (TVD) (usft) +N/-S (usft) +E/-W (usft) Direction (°)
 0.0 0.0 0.0 179.55

Survey Program: Date: 7/30/2013

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
107.6	11,139.0	drop Gyro (VH - Job #320713-K-747)	KSRG	Keeper Gyro

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Azimuth (°)	Closure Distance (usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.0
107.6	0.30	230.85	107.6	-0.2	-0.2	230.85	0.3
194.3	0.70	197.89	194.3	-0.8	-0.6	214.03	1.0
282.9	1.20	199.26	282.9	-2.2	-1.0	204.92	2.4
372.5	1.36	200.41	372.5	-4.1	-1.7	202.64	4.4
458.1	1.42	198.61	458.1	-6.1	-2.4	201.64	6.5
548.8	1.51	201.24	548.7	-8.2	-3.2	201.20	8.8
639.6	1.58	201.95	639.5	-10.5	-4.1	201.29	11.3
672.9	1.58	201.87	672.8	-11.4	-4.4	201.33	12.2
763.8	1.56	204.97	763.7	-13.6	-5.4	201.69	14.7
858.7	1.65	206.91	858.5	-16.0	-6.6	202.34	17.3
953.7	1.68	209.76	953.4	-18.5	-7.9	203.16	20.1

SDI

SDI Survey Report

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Wellbore: VH - Job #320713-K-747
Design: VH - Job #320713-K-747

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TVD Reference: WELL @ 0.0usft (Original Well Elev)
MD Reference: WELL @ 0.0usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM-Regulatory

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Azimuth (°)	Closure Distance (usft)	
1,048.6	1.69	210.37	1,048.3	-20.9	-9.3	204.01	22.9	
1,143.5	1.76	212.02	1,143.1	-23.3	-10.8	204.80	25.7	
1,239.4	1.79	211.80	1,239.0	-25.8	-12.3	205.54	28.6	
1,335.3	1.74	214.11	1,334.9	-28.3	-14.0	206.23	31.6	
1,430.2	1.60	219.18	1,429.7	-30.5	-15.6	207.06	34.3	
1,525.1	1.39	224.04	1,524.6	-32.4	-17.2	208.02	36.7	
1,622.0	1.24	228.32	1,621.5	-33.9	-18.8	209.03	38.8	
1,716.9	1.28	229.17	1,716.4	-35.3	-20.4	210.02	40.8	
1,811.8	1.08	237.10	1,811.3	-36.5	-22.0	211.04	42.6	
1,907.8	0.10	97.40	1,907.2	-37.0	-22.6	211.46	43.4	
2,003.7	0.35	80.50	2,003.1	-37.0	-22.3	211.06	43.1	
2,098.6	0.44	78.76	2,098.0	-36.8	-21.6	210.41	42.7	
2,193.5	0.47	78.18	2,192.9	-36.7	-20.9	209.65	42.2	
2,288.4	0.42	77.14	2,287.8	-36.5	-20.2	208.89	41.7	
2,383.3	0.43	79.85	2,382.7	-36.4	-19.5	208.15	41.3	
2,478.2	0.43	80.68	2,477.6	-36.3	-18.8	207.36	40.8	
2,574.1	0.47	79.29	2,573.5	-36.1	-18.0	206.51	40.4	
2,669.0	0.47	79.81	2,668.4	-36.0	-17.3	205.62	39.9	
2,765.9	0.84	59.70	2,765.4	-35.6	-16.3	204.56	39.1	
2,860.9	1.25	56.52	2,860.2	-34.6	-14.8	203.12	37.7	
2,955.8	1.58	56.62	2,955.1	-33.4	-12.8	201.05	35.7	
3,050.7	1.77	56.37	3,050.0	-31.8	-10.5	198.30	33.5	
3,145.6	1.94	52.66	3,144.9	-30.0	-8.0	194.96	31.1	
3,240.5	2.08	50.16	3,239.7	-28.0	-5.4	190.99	28.5	
3,336.4	2.20	48.71	3,335.5	-25.6	-2.7	186.03	25.8	
3,430.3	1.67	50.13	3,429.4	-23.6	-0.3	180.74	23.6	
3,524.2	1.26	54.19	3,523.3	-22.1	1.6	175.90	22.1	
3,620.1	1.29	55.63	3,619.2	-20.9	3.3	170.93	21.1	
3,716.0	1.26	54.62	3,715.1	-19.6	5.1	165.49	20.3	
3,812.0	1.28	52.54	3,810.9	-18.4	6.8	159.72	19.6	
3,907.9	1.21	48.97	3,906.8	-17.1	8.4	153.77	19.0	
4,002.8	1.09	56.08	4,001.7	-15.9	9.9	148.06	18.7	
4,097.7	0.53	64.65	4,096.6	-15.2	11.1	143.98	18.8	
4,192.6	0.43	59.13	4,191.5	-14.8	11.8	141.60	18.9	
4,287.5	0.46	56.65	4,286.4	-14.4	12.4	139.39	19.0	
4,383.4	0.20	71.79	4,382.3	-14.2	12.9	137.79	19.1	
4,479.3	0.12	264.40	4,478.3	-14.1	12.9	137.57	19.2	
4,574.2	0.17	251.72	4,573.2	-14.2	12.7	138.19	19.0	
4,669.1	0.10	228.15	4,668.1	-14.3	12.5	138.83	19.0	
4,766.1	0.05	242.55	4,765.0	-14.4	12.4	139.21	19.0	
4,861.0	0.05	93.13	4,859.9	-14.4	12.4	139.25	19.0	
4,955.9	0.10	117.20	4,954.8	-14.4	12.5	139.06	19.1	
5,051.8	0.16	74.89	5,050.7	-14.4	12.7	138.61	19.2	
5,146.7	0.22	66.43	5,145.6	-14.3	13.0	137.75	19.4	

SDI

SDI Survey Report

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Project: Lea
Site: Lea County, New Mexico
Well: Lea Unit #31H
Wellbore: VH - Job #320713-K-747
Design: VH - Job #320713-K-747

Local Co-ordinate Reference: Well Lea Unit #31H
TVD Reference: WELL @ 0.0usft (Original Well Elev)
MD Reference: WELL @ 0.0usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM-Regulatory

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Azimuth (°)	Closure Distance (usft)	
5,241.6	0.26	63.96	5,240.5	-14.2	13.4	136.63	19.5	
5,337.5	0.22	52.61	5,336.4	-13.9	13.7	135.48	19.6	
5,432.4	0.18	27.43	5,431.4	-13.7	13.9	134.54	19.5	
5,527.3	0.22	352.32	5,526.3	-13.4	14.0	133.79	19.4	
5,622.2	0.26	328.22	5,621.2	-13.0	13.8	133.28	19.0	
5,718.2	0.13	311.30	5,717.1	-12.8	13.6	133.12	18.7	
5,814.1	0.11	322.01	5,813.0	-12.6	13.5	133.09	18.5	
5,910.0	0.13	16.86	5,908.9	-12.5	13.5	132.74	18.3	
6,005.9	0.22	48.90	6,004.8	-12.2	13.6	131.86	18.3	
6,100.2	0.25	78.00	6,099.1	-12.1	14.0	130.79	18.5	
6,196.4	0.49	65.77	6,195.3	-11.9	14.6	129.14	18.8	
6,291.7	0.42	67.60	6,290.6	-11.6	15.3	127.13	19.1	
6,387.0	0.46	52.50	6,385.9	-11.2	15.9	125.15	19.4	
6,482.2	0.50	64.42	6,481.1	-10.8	16.6	123.04	19.8	
6,577.5	0.52	70.99	6,576.4	-10.5	17.3	121.07	20.3	
6,672.8	0.51	87.43	6,671.7	-10.3	18.2	119.52	20.9	
6,768.1	0.46	92.32	6,767.0	-10.3	19.0	118.46	21.6	
6,863.5	0.57	104.10	6,862.4	-10.4	19.8	117.72	22.4	
6,958.9	0.44	147.32	6,957.7	-10.8	20.5	117.90	23.2	
7,054.2	0.56	163.38	7,053.1	-11.6	20.8	119.13	23.8	
7,149.6	0.60	173.64	7,148.5	-12.5	21.0	120.84	24.5	
7,245.9	0.62	171.02	7,244.8	-13.6	21.1	122.67	25.1	
7,340.3	0.61	179.77	7,339.2	-14.6	21.2	124.46	25.7	
7,436.7	0.74	178.87	7,435.5	-15.7	21.2	126.47	26.4	
7,533.0	0.82	171.67	7,531.9	-17.0	21.4	128.54	27.3	
7,627.4	0.83	171.13	7,626.2	-18.3	21.6	130.41	28.3	
7,721.7	0.90	166.25	7,720.6	-19.7	21.8	132.12	29.4	
7,817.1	1.02	173.46	7,815.9	-21.3	22.1	133.95	30.7	
7,912.5	0.93	184.72	7,911.3	-22.9	22.1	136.00	31.9	
8,007.8	0.88	195.68	8,006.6	-24.4	21.9	138.12	32.8	
8,102.2	0.86	202.89	8,101.0	-25.8	21.4	140.26	33.5	
8,197.3	0.77	217.05	8,196.0	-26.9	20.7	142.38	34.0	
8,289.6	0.75	222.33	8,288.4	-27.9	20.0	144.38	34.3	
8,388.0	0.87	225.60	8,386.7	-28.9	19.0	146.64	34.6	
8,482.3	0.87	235.99	8,481.1	-29.8	17.9	148.99	34.7	
8,576.7	1.00	268.47	8,575.4	-30.2	16.5	151.37	34.4	
8,672.1	1.47	293.46	8,670.8	-29.7	14.5	153.96	33.1	
8,767.4	2.13	301.16	8,766.1	-28.3	11.9	157.23	30.7	
8,862.8	2.62	299.48	8,861.4	-26.3	8.5	162.17	27.7	
8,959.1	3.49	286.84	8,957.6	-24.4	3.7	171.27	24.7	
9,053.5	3.82	288.04	9,051.8	-22.6	-2.0	185.04	22.7	
9,147.9	4.17	291.27	9,145.9	-20.4	-8.2	201.87	22.0	
9,242.2	4.31	296.86	9,240.0	-17.5	-14.5	219.68	22.8	
9,337.6	4.42	306.16	9,335.1	-13.7	-20.7	236.43	24.8	

SDI

SDI Survey Report

Company: LEGACY RESERVES OPERATING
Project: Lea
Site: Lea County, New Mexico
Well: Lea Unit #31H
Wellbore: VH - Job #320713-K-747
Design: VH - Job #320713-K-747

Local Co-ordinate Reference: Well Lea Unit #31H
TVD Reference: WELL @ 0.0usft (Original Well Elev)
MD Reference: WELL @ 0.0usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM-Regulatory

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	Closure Azimuth (°)	Closure Distance (usft)
9,431.9	4.05	311.57	9,429.2	-9.4	-26.1	250.25	27.8
9,527.3	3.80	310.54	9,524.3	-5.1	-31.1	260.69	31.5
9,622.7	3.65	307.28	9,619.5	-1.2	-35.9	268.08	35.9
9,717.0	3.94	306.28	9,713.6	2.5	-40.9	273.55	40.9
9,811.4	3.16	305.58	9,807.8	6.0	-45.6	277.46	46.0
9,906.7	2.92	305.95	9,903.0	8.9	-49.7	280.18	50.5
10,002.1	2.57	307.12	9,998.3	11.6	-53.4	282.30	54.6
10,097.5	1.93	305.67	10,093.6	13.9	-56.4	283.82	58.1
10,192.9	1.78	310.56	10,189.0	15.8	-58.8	285.01	60.9
10,287.4	1.70	312.81	10,283.4	17.7	-61.0	286.17	63.5
10,382.8	1.56	313.39	10,378.8	19.5	-62.9	287.24	65.9
10,477.5	1.43	307.22	10,473.4	21.1	-64.8	288.05	68.2
10,573.2	1.32	293.55	10,569.1	22.3	-66.8	288.46	70.4
10,669.0	1.88	283.11	10,664.8	23.1	-69.3	288.42	73.1
10,763.0	1.87	275.02	10,758.8	23.6	-72.4	288.05	76.1
10,858.3	1.77	267.32	10,854.1	23.6	-75.4	287.41	79.0
10,953.4	1.76	264.05	10,949.1	23.4	-78.3	286.65	81.7
11,048.7	1.71	268.05	11,044.4	23.2	-81.2	285.96	84.4
11,139.0	1.59	268.75	11,134.6	23.1	-83.8	285.45	86.9

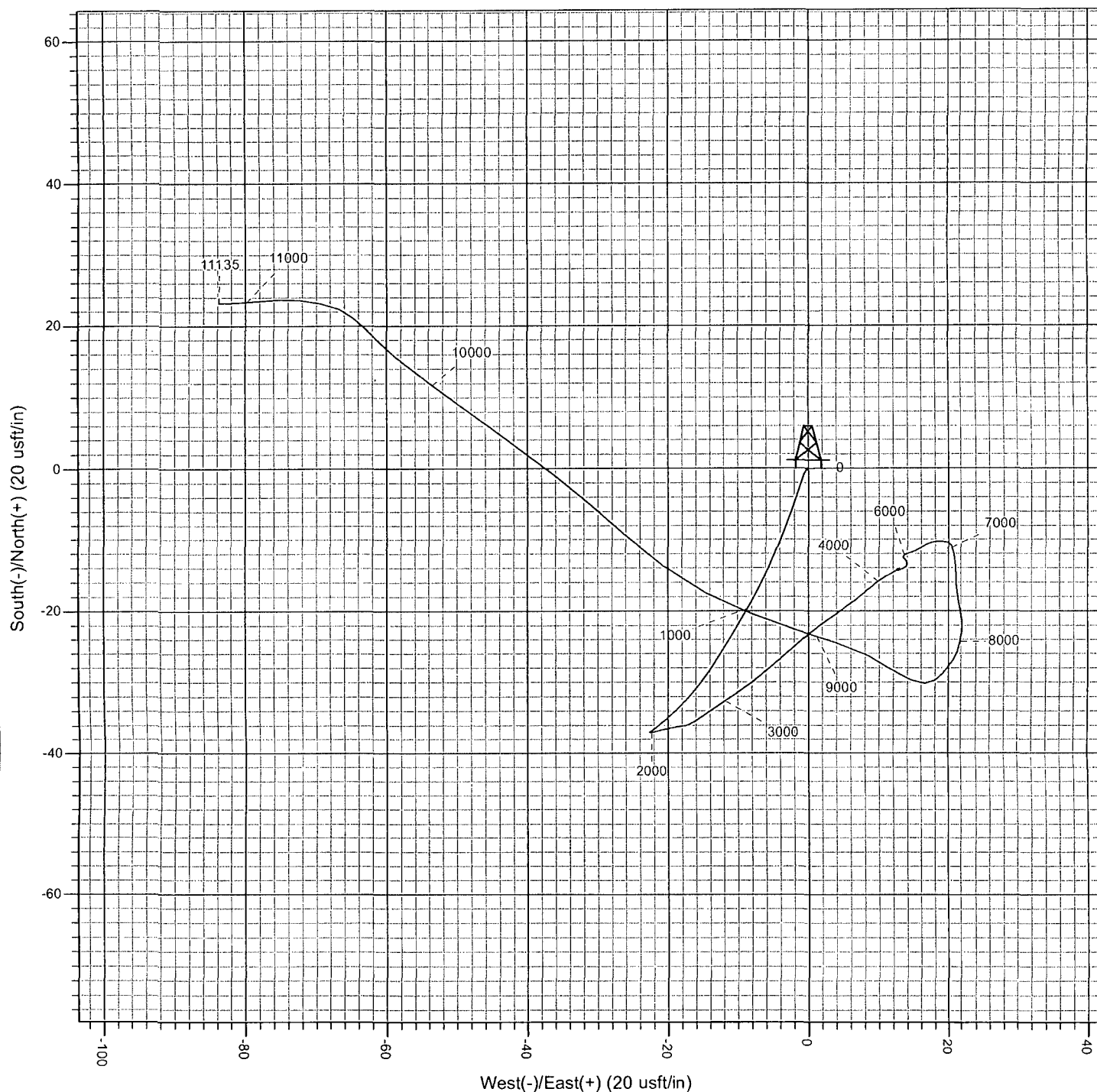


Scientific Drilling

Project: Lea
Lea County, New Mexico
Well: Lea Unit #31H
Wellbore: VH - Job #320713-K-747
Design: VH - Job #320713-K-747

WELL DETAILS: Lea Unit #31H
WELL @ 0.0usft (Original Well Elev)
Ground Level: 0.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	575746.39	742639.94	32° 34' 49.310 N	103° 32' 44.228 W	



PROJECT DETAILS: Lea	SITE DETAILS: Lea County, New Mexico
Geodetic System: US State Plane 1927 (Exact solution)	Site Centre Latitude: 32° 34' 4.800 N
Datum: NAD 1927 (NADCON CONUS)	Longitude: 103° 30' 54.000 W
Ellipsoid: Clarke 1866	Positional Uncertainty: 0.0
Zone: New Mexico East 3001	Convergence: 0.44
System Datum: Mean Sea Level	Local North: Grid



6308 WindCrest Drive Suite 1526
Plano, TEXAS 75024 USA
1-877-446-6656

Surveyor Certification Form

HOBBS OCD

SEP 20 2013

RECEIVED

Survey Company: MOJO Directional LLC
Surveyors Name: ARLEN YAKIMCHUK
Survey Job Type: MWD
Customer: LEGACY RESERVES
Well: LEA UNIT #31H
API: 30-025-40699
Surveyed from: 0.00ft TO 15676.00ft
Projected TD: 15739.00 ft.
Survey Run Date: 21/07/2013-16/08/2013
Location: LEA COUNTY / NEW MEXICO
Surface Location: 575816.10 N, 751881.10 E
Bottom Hole Location: 570843.04 N, 751923.86 E

I certify that the data is true, correct, and complete and within the limitations of the tool set forth by MOJO Directional LLC; that I am authorized and qualified to make this report; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by MOJO Directional LLC.

Signature

Arlen Yakimchuk

Date

Sept 13, 2013



MOJO

Legacy Reserves LP

Legacy Reserves LP

Lea Unit

Lea Unit #31H

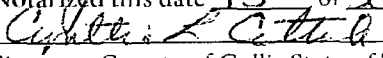
Survey: Lea Unit #31H

MOJO Standard Survey

16 August, 2013

This survey is correct to the best of my knowledge and is supported
by actual field data.

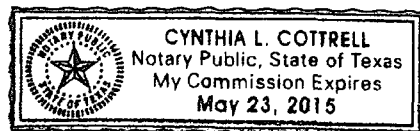
 (Signature)
Notarized this date 13 of September, 2013.

 Notary
Signature County of Collin State of Texas



MOJO

Legacy Reserves LP





MOJO Standard Survey



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:	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:	575,816.10	usft	Latitude:	32° 34' 49.310 N
From:	Map	Easting:	751,881.10	usft	Longitude:	103° 30' 56.229 W
Position Uncertainty:	0.0	Slot Radius:	0	"	Grid Convergence:	0.44 °

Well	Lea Unit #31H					
Well Position	+N/-S	0.0 usft	Northing:	575,816.10 usft	Latitude:	32° 34' 49.310 N
	+E/-W	0.0 usft	Easting:	751,881.10 usft	Longitude:	103° 30' 56.229 W
Position Uncertainty		1.0 usft	Wellhead Elevation:	usft	Ground Level:	3.651.0 usft

Wellbore	Lea Unit #31H
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	04/04/2013	7.36	60.51	48,697

Design	Lea Unit #31H
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Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	179.90

Survey/Program		Date 16/08/2013		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
107.6	15,739.0	Lea Unit #31H (Lea Unit #31H)		



MOJO Standard Survey



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:	Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
0.0	0.00	0.00	0.0	-3.676.0	0.0	0.0	0.0	0.00	575,816.10	751,881.10	
107.6	0.30	230.41	107.6	-3.568.4	-0.2	-0.2	0.2	0.28	575,815.92	751,880.88	
194.3	0.70	197.45	194.3	-3.481.7	-0.8	-0.6	0.8	0.55	575,815.27	751,880.55	
282.9	1.20	198.82	282.9	-3.393.1	-2.2	-1.0	2.2	0.56	575,813.88	751,880.09	
372.5	1.36	199.97	372.5	-3.303.5	-4.1	-1.7	4.1	0.18	575,811.99	751,879.42	
458.1	1.42	198.17	458.1	-3.217.9	-6.1	-2.4	6.1	0.09	575,810.03	751,878.74	
548.8	1.51	200.80	548.7	-3.127.3	-8.3	-3.1	8.3	0.12	575,807.84	751,877.97	
639.6	1.58	201.51	639.5	-3.036.5	-10.5	-4.0	10.5	0.08	575,805.56	751,877.09	
672.9	1.58	201.43	672.8	-3.003.2	-11.4	-4.4	11.4	0.01	575,804.70	751,876.75	
763.8	1.56	204.53	763.7	-2.912.3	-13.7	-5.3	13.7	0.10	575,802.41	751,875.78	
858.7	1.65	206.47	858.5	-2.817.5	-16.1	-6.5	16.1	0.11	575,800.01	751,874.63	
953.7	1.68	209.32	953.4	-2.722.6	-18.5	-7.8	18.5	0.09	575,797.58	751,873.34	
1,048.6	1.69	209.93	1,048.3	-2.627.7	-21.0	-9.1	20.9	0.02	575,795.15	751,871.96	
1,143.5	1.76	211.58	1,143.1	-2.532.9	-23.4	-10.6	23.4	0.09	575,792.70	751,870.50	
1,239.4	1.79	211.36	1,239.0	-2.437.0	-25.9	-12.2	25.9	0.03	575,790.16	751,868.95	
1,335.3	1.74	213.67	1,334.9	-2.341.1	-28.4	-13.7	28.4	0.09	575,787.67	751,867.36	
1,430.2	1.60	218.74	1,429.7	-2.246.3	-30.7	-15.4	30.6	0.21	575,785.44	751,865.74	
1,525.1	1.39	223.60	1,524.6	-2.151.4	-32.5	-17.0	32.5	0.26	575,783.57	751,864.11	
1,622.0	1.24	227.88	1,621.5	-2.054.5	-34.1	-18.6	34.1	0.18	575,782.02	751,862.52	
1,716.9	1.28	228.73	1,716.4	-1.959.6	-35.5	-20.1	35.4	0.05	575,780.63	751,860.97	
1,761.0	1.18	232.08	1,760.4	-1.915.6	-36.1	-20.9	36.0	0.27	575,780.02	751,860.24	
13 3/8"											
1,811.8	1.08	236.66	1,811.3	-1.864.7	-36.7	-21.7	36.6	0.27	575,779.44	751,859.42	
1,907.8	0.10	96.96	1,907.2	-1.768.8	-37.2	-22.4	37.1	1.21	575,778.93	751,858.75	
2,003.7	0.35	80.06	2,003.1	-1.672.9	-37.1	-22.0	37.1	0.27	575,778.97	751,859.12	
2,098.6	0.44	78.32	2,098.0	-1.578.0	-37.0	-21.3	37.0	0.10	575,779.10	751,859.76	
2,193.5	0.47	77.74	2,192.9	-1.483.1	-36.8	-20.6	36.8	0.03	575,779.25	751,860.50	



MOJO Standard Survey



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:	Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Survey											
MD (usft)	Inc. (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
2,288.4	0.42	76.70	2,287.8	-1,388.2	-36.7	-19.9	36.7	0.05	575,779.41	751,861.22	
2,383.3	0.43	79.41	2,382.7	-1,293.3	-36.5	-19.2	36.5	0.02	575,779.56	751,861.91	
2,478.2	0.43	80.24	2,477.6	-1,198.4	-36.4	-18.5	36.4	0.01	575,779.69	751,862.61	
2,574.1	0.47	78.85	2,573.5	-1,102.5	-36.3	-17.8	36.2	0.04	575,779.82	751,863.35	
2,669.0	0.47	79.37	2,668.4	-1,007.6	-36.1	-17.0	36.1	0.00	575,779.97	751,864.11	
2,765.9	0.84	58.26	2,765.4	-910.6	-35.7	-16.0	35.7	0.44	575,780.41	751,865.12	
2,860.9	1.25	56.08	2,860.2	-815.8	-34.8	-14.5	34.7	0.44	575,781.34	751,866.57	
2,955.8	1.58	56.18	2,955.1	-720.9	-33.5	-12.6	33.4	0.35	575,782.65	751,868.52	
3,050.7	1.77	55.83	3,050.0	-626.0	-31.9	-10.3	31.9	0.20	575,784.19	751,870.82	
3,145.6	1.94	52.22	3,144.9	-531.1	-30.1	-7.8	30.1	0.22	575,786.00	751,873.30	
3,240.5	2.08	49.72	3,239.7	-436.3	-28.0	-5.2	28.0	0.17	575,788.10	751,875.89	
3,336.4	2.20	48.27	3,335.5	-340.5	-25.7	-2.5	25.6	0.14	575,790.45	751,878.59	
3,430.3	1.67	49.69	3,429.4	-246.6	-23.6	-0.1	23.6	0.57	575,792.53	751,880.98	
3,524.2	1.26	53.75	3,523.3	-152.7	-22.1	1.8	22.1	0.45	575,794.03	751,882.85	
3,620.1	1.29	55.19	3,619.2	-56.8	-20.8	3.5	20.8	0.05	575,795.27	751,884.59	
3,716.0	1.26	54.18	3,715.1	39.1	-19.6	5.2	19.6	0.04	575,796.50	751,886.33	
3,812.0	1.28	52.10	3,810.9	134.9	-18.3	6.9	18.3	0.05	575,797.78	751,888.03	
3,907.9	1.21	48.53	3,906.8	230.8	-17.0	8.5	17.0	0.11	575,799.11	751,889.64	
4,002.8	1.09	55.64	4,001.7	325.7	-15.8	10.0	15.8	0.20	575,800.28	751,891.13	
4,097.7	0.53	64.21	4,096.6	420.6	-15.1	11.2	15.1	0.60	575,800.98	751,892.27	
4,192.6	0.43	58.69	4,191.5	515.5	-14.7	11.9	14.8	0.12	575,801.36	751,892.97	
4,287.5	0.46	56.21	4,286.4	610.4	-14.3	12.5	14.4	0.04	575,801.75	751,893.59	
4,383.4	0.20	71.35	4,382.3	706.3	-14.1	13.0	14.1	0.28	575,802.02	751,894.07	
4,479.3	0.12	263.96	4,478.3	802.3	-14.0	13.0	14.1	0.33	575,802.06	751,894.13	
4,574.2	0.17	251.28	4,573.2	897.2	-14.1	12.8	14.1	0.06	575,802.01	751,893.90	
4,669.1	0.10	227.71	4,668.1	992.1	-14.2	12.6	14.2	0.09	575,801.91	751,893.70	
4,766.1	0.05	242.11	4,765.0	1,089.0	-14.3	12.5	14.3	0.05	575,801.83	751,893.60	



MOJO Standard Survey



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:	Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Survey											
MD (usft)	Inc. (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	D Legt (°/100usft)	Northings (usft)	Easting (usft)	
4,861.0	0.05	92.69	4,859.9	1,183.9	-14.3	12.5	14.3	0.10	575,801.81	751,893.61	
4,955.9	0.10	116.76	4,954.8	1,278.8	-14.3	12.6	14.4	0.06	575,801.77	751,893.72	
5,051.8	0.16	74.45	5,050.7	1,374.7	-14.3	12.8	14.4	0.11	575,801.77	751,893.93	
5,146.7	0.22	65.99	5,145.6	1,469.6	-14.2	13.1	14.2	0.07	575,801.88	751,894.22	
5,241.6	0.26	63.52	5,240.5	1,564.5	-14.1	13.5	14.1	0.04	575,802.05	751,894.58	
5,337.5	0.22	52.17	5,336.4	1,660.4	-13.8	13.8	13.9	0.06	575,802.26	751,894.92	
5,432.4	0.18	20.99	5,431.4	1,755.4	-13.6	14.0	13.6	0.10	575,802.50	751,895.13	
5,449.0	0.18	19.99	5,447.9	1,771.9	-13.6	14.1	13.6	0.13	575,802.55	751,895.15	
9 5/8"											
5,527.3	0.22	351.88	5,526.3	1,850.3	-13.3	14.1	13.3	0.13	575,802.82	751,895.17	
5,622.2	0.26	327.78	5,621.2	1,945.2	-12.9	13.9	12.9	0.11	575,803.18	751,895.03	
5,718.2	0.13	310.86	5,717.1	2,041.1	-12.7	13.7	12.7	0.15	575,803.43	751,894.84	
5,814.1	0.11	321.57	5,813.0	2,137.0	-12.5	13.6	12.5	0.03	575,803.58	751,894.70	
5,910.0	0.13	16.42	5,908.9	2,232.9	-12.3	13.6	12.4	0.12	575,803.75	751,894.67	
6,005.9	0.22	48.46	6,004.8	2,328.8	-12.1	13.7	12.1	0.14	575,803.98	751,894.84	
6,100.2	0.25	77.56	6,099.1	2,423.1	-12.0	14.1	12.0	0.13	575,804.14	751,895.17	
6,196.4	0.49	65.33	6,195.3	2,519.3	-11.7	14.7	11.8	0.26	575,804.36	751,895.75	
6,291.7	0.42	67.16	6,290.6	2,614.6	-11.4	15.3	11.5	0.08	575,804.67	751,896.45	
6,387.0	0.46	52.06	6,385.9	2,709.9	-11.1	16.0	11.1	0.13	575,805.04	751,897.07	
6,482.2	0.50	63.98	6,481.1	2,805.1	-10.6	16.6	10.7	0.11	575,805.45	751,897.74	
6,577.5	0.52	70.55	6,576.4	2,900.4	-10.3	17.4	10.3	0.06	575,805.78	751,898.53	
6,672.8	0.51	86.99	6,671.7	2,995.7	-10.2	18.3	10.2	0.15	575,805.95	751,899.36	
6,768.1	0.46	91.88	6,767.0	3,091.0	-10.1	19.1	10.2	0.07	575,805.96	751,900.16	
6,863.5	0.57	103.66	6,862.4	3,186.4	-10.3	19.9	10.3	0.16	575,805.83	751,901.01	
6,958.9	0.44	146.88	6,957.7	3,281.7	-10.7	20.6	10.7	0.41	575,805.41	751,901.67	
7,054.2	0.56	162.94	7,053.1	3,377.1	-11.4	20.9	11.5	0.19	575,804.66	751,902.00	
7,149.6	0.60	173.20	7,148.5	3,472.5	-12.4	21.1	12.4	0.12	575,803.72	751,902.20	



MOJO Standard Survey



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:	Lea Unit #31H	Database:	EDM 5000.1 Single User Db

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DBeg. (°/100usft)	Northing (usft)	Easting (usft)
7,245.9	0.62	170.58	7,244.8	3,568.8	-13.4	21.2	13.4	0.04	575,802.71	751,902.34
7,340.3	0.61	179.33	7,339.2	3,663.2	-14.4	21.3	14.4	0.10	575,801.70	751,902.43
7,436.7	0.74	178.43	7,435.5	3,759.5	-15.5	21.4	15.6	0.14	575,800.56	751,902.46
7,533.0	0.82	171.23	7,531.9	3,855.9	-16.8	21.5	16.9	0.13	575,799.26	751,902.58
7,627.4	0.83	170.69	7,626.2	3,950.2	-18.2	21.7	18.2	0.01	575,797.92	751,902.79
7,721.7	0.90	165.81	7,720.6	4,044.6	-19.6	22.0	19.6	0.11	575,796.53	751,903.09
7,817.1	1.02	173.02	7,815.9	4,139.9	-21.1	22.3	21.2	0.18	575,794.96	751,903.37
7,912.5	0.93	184.28	7,911.3	4,235.3	-22.8	22.3	22.8	0.22	575,793.34	751,903.42
8,007.8	0.88	195.24	8,006.6	4,330.6	-24.2	22.1	24.3	0.19	575,791.87	751,903.17
8,102.2	0.86	202.45	8,101.0	4,425.0	-25.6	21.6	25.6	0.12	575,790.51	751,902.71
8,197.3	0.77	216.61	8,196.0	4,520.0	-26.8	21.0	26.8	0.23	575,789.34	751,902.05
8,289.6	0.75	221.89	8,288.4	4,612.4	-27.7	20.2	27.7	0.08	575,788.39	751,901.28
8,388.0	0.87	225.16	8,386.7	4,710.7	-28.7	19.2	28.7	0.13	575,787.39	751,900.32
8,482.3	0.87	235.55	8,481.1	4,805.1	-29.6	18.1	29.7	0.17	575,786.48	751,899.22
8,576.7	1.00	268.03	8,575.4	4,899.4	-30.1	16.7	30.1	0.57	575,786.04	751,897.81
8,672.1	1.47	293.02	8,670.8	4,994.8	-29.6	14.8	29.6	0.74	575,786.49	751,895.85
8,767.4	2.13	300.72	8,766.1	5,090.1	-28.2	12.1	28.2	0.74	575,787.87	751,893.20
8,862.8	2.62	299.04	8,861.4	5,185.4	-26.3	8.7	26.3	0.52	575,789.84	751,889.77
8,959.1	3.49	286.40	8,957.6	5,281.6	-24.4	3.9	24.4	1.14	575,791.74	751,885.03
9,053.5	3.82	287.60	9,051.8	5,375.8	-22.6	-1.8	22.6	0.36	575,793.50	751,879.28
9,147.9	4.17	290.83	9,145.9	5,469.9	-20.4	-8.0	20.4	0.44	575,795.67	751,873.08
9,242.2	4.31	296.42	9,240.0	5,564.0	-17.6	-14.4	17.6	0.46	575,798.46	751,866.70
9,337.6	4.42	305.72	9,335.1	5,659.1	-13.9	-20.6	13.9	0.75	575,802.20	751,860.51
9,431.9	4.05	311.13	9,429.2	5,753.2	-9.6	-26.1	9.5	0.58	575,806.52	751,855.04
9,527.3	3.80	310.10	9,524.3	5,848.3	-5.3	-31.0	5.3	0.27	575,810.77	751,850.09
9,622.7	3.65	306.84	9,619.5	5,943.5	-1.5	-35.9	1.4	0.27	575,814.62	751,845.24
9,717.0	3.94	305.84	9,713.6	6,037.6	2.2	-40.9	-2.3	0.32	575,818.32	751,840.21



MOJO Standard Survey



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:	Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	D Leg (°/100usft)	Northing (usft)	Easting (usft)	
9,811.4	3.16	305.14	9,807.8	6,131.8	5.6	-45.6	-5.7	0.83	575,821.72	751,835.46	
9,906.7	2.92	305.51	9,903.0	6,227.0	8.5	-49.8	-8.6	0.25	575,824.64	751,831.33	
10,002.1	2.57	306.68	9,998.3	6,322.3	11.2	-53.5	-11.3	0.37	575,827.33	751,827.64	
10,097.5	1.93	305.23	10,093.6	6,417.6	13.4	-58.5	-13.5	0.67	575,829.53	751,824.61	
10,192.9	1.78	310.12	10,189.0	6,513.0	15.3	-58.9	-15.4	0.23	575,831.42	751,822.17	
10,287.4	1.70	312.37	10,283.4	6,607.4	17.2	-61.1	-17.3	0.11	575,833.31	751,820.01	
10,382.8	1.56	312.95	10,378.8	6,702.8	19.0	-63.1	-19.2	0.15	575,835.14	751,818.01	
10,462.0	5.40	222.30	10,457.8	6,781.8	17.0	-66.4	-17.1	7.12	575,833.12	751,814.71	
10,494.0	8.40	209.60	10,489.6	6,813.6	13.9	-68.6	-14.0	10.46	575,829.97	751,812.54	
10,526.0	12.40	211.30	10,521.1	6,845.1	8.9	-71.5	-9.0	12.54	575,825.00	751,809.60	
10,557.0	16.00	216.90	10,551.1	6,875.1	2.6	-75.8	-2.8	12.42	575,818.74	751,805.31	
10,589.0	20.10	223.00	10,581.5	6,905.5	-4.9	-82.2	4.8	14.09	575,811.19	751,798.91	
10,619.0	22.70	218.60	10,609.5	6,933.5	-13.2	-89.3	13.1	10.18	575,802.89	751,791.78	
10,651.0	24.80	211.60	10,638.8	6,962.8	-23.8	-96.7	23.6	10.98	575,792.35	751,784.41	
10,683.0	27.30	205.80	10,667.5	6,991.5	-36.1	-103.4	35.9	11.15	575,780.02	751,777.69	
10,714.0	30.10	200.40	10,694.7	7,018.7	-49.8	-109.2	49.6	12.30	575,766.33	751,771.89	
10,746.0	33.00	197.00	10,722.0	7,046.0	-65.6	-114.6	65.4	10.63	575,750.47	751,766.54	
10,778.0	37.00	194.70	10,748.2	7,072.2	-83.3	-119.6	83.1	13.16	575,732.82	751,761.55	
10,806.0	41.10	192.50	10,769.9	7,093.9	-100.4	-123.7	100.2	15.45	575,715.67	751,757.42	
10,838.0	44.60	190.70	10,793.4	7,117.4	-121.7	-128.0	121.5	11.59	575,694.36	751,753.05	
10,870.0	48.40	188.70	10,815.4	7,139.4	-144.6	-131.9	144.4	12.71	575,671.48	751,749.16	
10,902.0	51.70	185.30	10,836.0	7,160.0	-169.0	-134.9	168.7	13.14	575,647.14	751,746.19	
10,933.0	56.50	185.10	10,854.1	7,178.1	-194.0	-137.2	193.7	15.49	575,622.14	751,743.91	
10,965.0	61.70	185.50	10,870.6	7,194.6	-221.3	-139.7	221.0	16.29	575,594.81	751,741.37	
10,997.0	66.70	185.50	10,884.5	7,208.5	-250.0	-142.5	249.7	15.62	575,566.15	751,738.61	
11,029.0	71.80	184.80	10,895.8	7,219.8	-279.8	-145.2	279.5	16.07	575,536.35	751,735.93	
11,061.0	76.80	184.70	10,904.5	7,228.5	-310.4	-147.7	310.2	15.63	575,505.66	751,733.38	



MOJO Standard Survey



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:	Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	OLeg. (°/100usft)	Northing (usft)	Easting (usft)	
11,093.0	81.40	183.10	10,910.5	7,234.5	-341.8	-149.9	341.5	15.19	575,474.32	751,731.25	
11,125.0	86.90	182.90	10,913.8	7,237.8	-373.6	-151.5	373.3	17.20	575,442.54	751,729.58	
11,159.0	90.30	178.50	10,914.6	7,238.6	-407.5	-151.9	407.3	16.35	575,408.57	751,729.17	
11,190.0	90.90	174.60	10,914.3	7,238.3	-438.5	-150.1	438.2	12.73	575,377.64	751,731.03	
11,222.0	89.40	174.10	10,914.2	7,238.2	-470.3	-146.9	470.1	4.94	575,345.79	751,734.18	
11,286.0	87.40	171.40	10,916.0	7,240.0	-533.8	-138.8	533.5	5.25	575,282.34	751,742.26	
11,318.0	87.70	171.30	10,917.4	7,241.4	-565.4	-134.0	565.1	0.99	575,250.73	751,747.06	
11,381.0	87.40	169.80	10,920.1	7,244.1	-627.5	-123.7	627.2	2.43	575,188.65	751,757.40	
11,477.0	87.70	169.80	10,924.2	7,248.2	-721.9	-106.7	721.7	0.31	575,094.25	751,774.38	
11,572.0	88.20	169.70	10,927.6	7,251.6	-815.3	-89.8	815.1	0.54	575,000.83	751,791.28	
11,668.0	87.70	169.40	10,931.0	7,255.0	-909.6	-72.4	909.5	0.61	574,906.49	751,808.66	
11,763.0	89.20	169.90	10,933.6	7,257.6	-1,003.0	-55.4	1,002.9	1.66	574,813.07	751,825.74	
11,858.0	89.40	169.90	10,934.7	7,258.7	-1,096.6	-38.7	1,096.5	0.21	574,719.55	751,842.39	
11,953.0	90.10	173.00	10,935.1	7,259.1	-1,190.5	-24.6	1,190.5	3.35	574,625.62	751,856.52	
12,049.0	89.80	174.70	10,935.2	7,259.2	-1,285.9	-14.3	1,285.9	1.80	574,530.18	751,866.80	
12,144.0	89.90	176.10	10,935.5	7,259.5	-1,380.6	-6.7	1,380.6	1.48	574,435.49	751,874.42	
12,240.0	90.60	177.70	10,935.1	7,259.1	-1,476.5	-1.5	1,476.5	1.82	574,339.64	751,879.61	
12,335.0	90.30	177.60	10,934.3	7,258.3	-1,571.4	2.4	1,571.4	0.33	574,244.72	751,883.51	
12,430.0	89.10	178.00	10,934.8	7,258.8	-1,666.3	6.1	1,666.3	1.33	574,149.80	751,887.15	
12,526.0	88.00	179.40	10,937.2	7,261.2	-1,762.3	8.2	1,762.3	1.85	574,053.66	751,889.33	
12,621.0	86.90	179.90	10,941.5	7,265.5	-1,857.2	8.8	1,857.2	1.27	573,958.96	751,889.91	
12,717.0	87.30	180.20	10,946.3	7,270.3	-1,953.1	8.7	1,953.1	0.52	573,863.08	751,889.83	
12,812.0	87.70	180.30	10,950.5	7,274.5	-2,048.0	8.3	2,048.0	0.43	573,768.18	751,889.41	
12,907.0	86.70	180.50	10,955.1	7,279.1	-2,142.8	7.6	2,142.9	1.07	573,673.29	751,888.75	
13,003.0	86.80	180.50	10,960.5	7,284.5	-2,238.7	6.8	2,238.7	0.10	573,577.45	751,887.91	
13,098.0	87.00	180.70	10,965.7	7,289.7	-2,333.5	5.8	2,333.5	0.30	573,482.60	751,886.92	
13,193.0	85.90	179.80	10,971.6	7,295.6	-2,428.4	5.4	2,428.4	1.49	573,387.79	751,886.51	



MOJO Standard Survey



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:	Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
13,288.0	86.20	180.00	10,978.1	7,302.1	-2,523.1	5.6	2,523.1	0.38	573,293.02	751,886.67
13,383.0	87.70	179.80	10,983.2	7,307.2	-2,618.0	5.7	2,618.0	1.59	573,198.15	751,886.84
13,479.0	88.70	179.40	10,986.2	7,310.2	-2,713.9	6.4	2,713.9	1.12	573,102.21	751,887.51
13,574.0	90.50	179.50	10,986.8	7,310.8	-2,808.9	7.3	2,808.9	1.90	573,007.22	751,888.42
13,669.0	91.30	179.50	10,985.4	7,309.4	-2,903.9	8.1	2,903.9	0.84	572,912.24	751,889.25
13,764.0	91.70	179.60	10,982.9	7,306.9	-2,998.9	8.9	2,998.9	0.43	572,817.28	751,889.99
13,859.0	90.90	180.10	10,980.7	7,304.7	-3,093.9	9.1	3,093.9	0.99	572,722.30	751,890.24
13,954.0	90.60	179.90	10,979.5	7,303.5	-3,188.8	9.1	3,188.9	0.38	572,627.31	751,890.24
14,049.0	91.20	180.10	10,978.0	7,302.0	-3,283.8	9.1	3,283.8	0.67	572,532.33	751,890.24
14,144.0	88.60	178.90	10,978.1	7,302.1	-3,378.8	10.0	3,378.8	3.01	572,437.34	751,891.07
14,239.0	89.20	179.20	10,980.0	7,304.0	-3,473.8	11.5	3,473.8	0.71	572,342.37	751,892.65
14,334.0	89.70	179.00	10,980.9	7,304.9	-3,568.8	13.0	3,568.8	0.57	572,247.39	751,894.14
14,429.0	90.10	178.80	10,981.0	7,305.0	-3,663.8	14.9	3,663.8	0.47	572,152.41	751,895.96
14,524.0	89.20	178.60	10,981.6	7,305.6	-3,758.7	17.0	3,758.8	0.97	572,057.44	751,898.12
14,619.0	89.70	178.30	10,982.5	7,306.5	-3,853.7	19.6	3,853.7	0.61	571,962.48	751,900.69
14,714.0	87.70	178.90	10,984.7	7,308.7	-3,948.6	21.9	3,948.7	2.20	571,867.54	751,903.01
14,809.0	88.10	178.80	10,988.2	7,312.2	-4,043.5	23.8	4,043.6	0.43	571,772.63	751,904.91
14,905.0	89.10	179.10	10,990.5	7,314.5	-4,139.5	25.6	4,139.5	1.09	571,676.68	751,906.67
15,002.0	90.20	179.50	10,991.1	7,315.1	-4,236.5	26.8	4,236.5	1.21	571,579.69	751,907.85
15,098.0	90.90	179.80	10,990.2	7,314.2	-4,332.5	27.3	4,332.5	0.79	571,483.70	751,908.44
15,195.0	89.90	179.10	10,989.5	7,313.5	-4,429.5	28.3	4,429.5	1.26	571,388.71	751,909.37
15,291.0	90.00	178.70	10,989.6	7,313.6	-4,525.5	30.1	4,525.5	0.43	571,290.73	751,911.22
15,388.0	90.30	178.30	10,989.3	7,313.3	-4,622.4	32.7	4,622.5	0.52	571,193.76	751,913.75
15,485.0	91.00	178.50	10,988.2	7,312.2	-4,719.4	35.4	4,719.4	0.75	571,096.81	751,916.46
15,580.0	91.70	178.40	10,986.0	7,310.0	-4,814.3	37.9	4,814.4	0.74	571,001.87	751,919.03
15,676.0	92.10	178.20	10,982.8	7,306.8	-4,910.2	40.8	4,910.3	0.47	570,905.97	751,921.88



MOJO Standard Survey



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:	Lea Unit #31H	Database:	EDM 5000.1 Single User Db

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100us ft)	Northing (usft)	Eastings (usft)
15,736.5	92.10	178.20	10,980.6	7,304.6	-4,970.8	42.7	4,970.7	0.00	570,845.54	75 1 23.78
5 1/2"										
15,739.0	92.10	178.20	10,980.5	7,304.5	-4,973.1	42.8	4,973.2	0.00	570,843.04	75 1 23.86

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,761.0	1,760.4	13 3/8"	13-3/8	16
5,449.0	5,447.9	9 5/8"	9-5/8	12-1/4
15,736.5	10,980.6	5 1/2"	5-1/2	8-3/4

Measured Depth (usft)	Vertical Depth (usft)	Name	Dip (°)
10,937.3	10,856.5	3rd Bone Spring SH Top	0.00
10,151.4	10,147.5	2nd Bone Spring	0.00
11,585.7	10,928.0	3rd BS Porosity Base	0.00
5,751.2	5,750.1	Bell Canyon	0.00
5,580.1	5,579.0	Lamar	0.00
6,477.7	6,476.6	Cherry Canyon	0.00
8,787.5	8,786.1	Avalon Shale	0.00
12,594.5	10,940.1	3rd Bone Spring SH Base	0.00
11,006.1	10,888.0	3rd BS Porosity Top	0.00
7,440.9	7,439.8	Brushy Canyon	0.00
9,471.8	9,468.9	1st Bone Spring	0.00
9,052.0	9,050.3	Avalon Carbonate	0.00
10,775.6	10,746.3	3rd Bone Spring	0.00
8,208.0	8,206.8	Bone Spring	0.00



MOJO Standard Survey



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:	Lea Unit #31H	Database:	EDM 5000.1 Single User Db

Checked By: Isabel Stockford Approved By: [Signature] Date: 09/11/13