

XTO Energy Inc.

HALLIBURTON

Sperry Drilling



NM OIL CONSERVATION

ARTESIA DISTRICT

AUG 21 2015

RECEIVED

Project: Eddy County, NM (NAD27)
Site: Golden Corral 6 Estate
Well: Golden Corral 6 Estate No 1H
Wellbore: Wellbore #1
Plan: Plan #1
Rig: TBD

SURFACE LOCATION

US State Plane 1927 (Exact solution)
New Mexico East 3001
Elevation: GL 2912' + KB 25' @ 2937.00usft (TBD)
Northing 419324.10 Easting 597806.00 Latitude 32° 9' 8.799 N Longitude 104° 1' 2.285 W

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

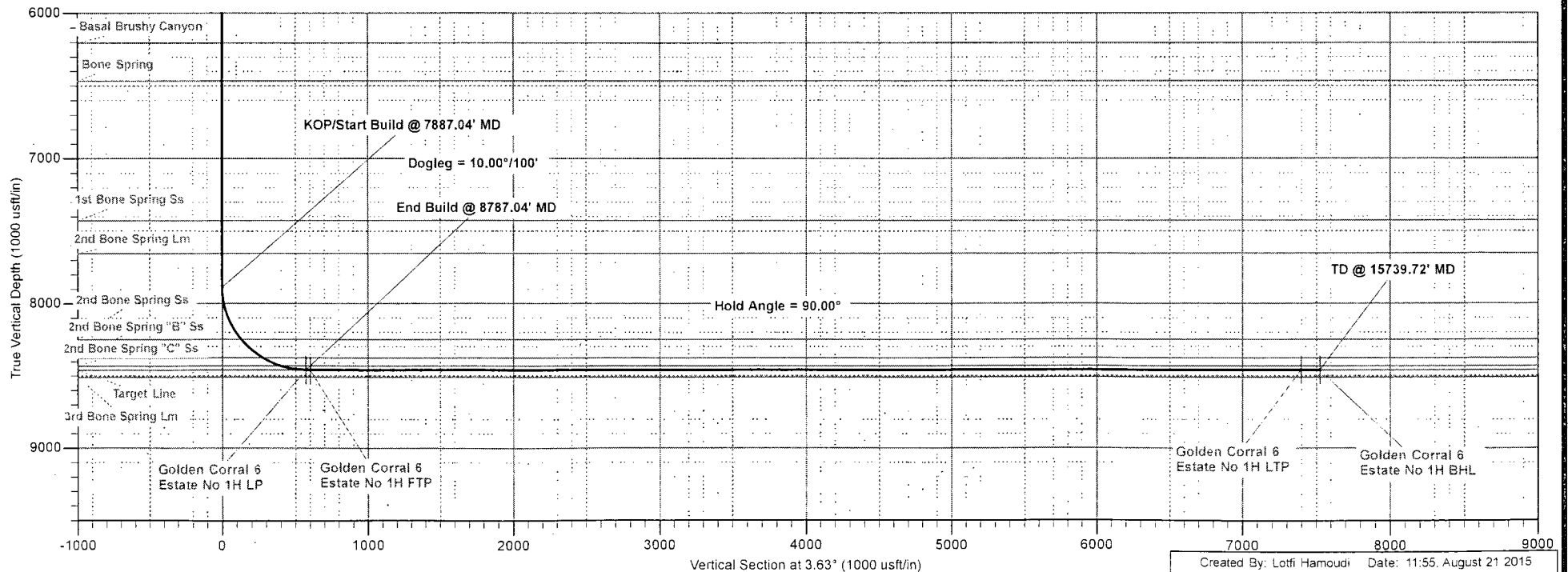
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Golden Corral 6 Estate No 1H BHL	8460.00	7510.50	477.00	426834.60	598283.00	32° 10' 23.111 N	104° 0' 56.479 W
Golden Corral 6 Estate No 1H FTP	8460.00	600.60	38.20	419924.70	597844.20	32° 9' 14.742 N	104° 1' 1.820 W
Golden Corral 6 Estate No 1H LP	8460.00	571.81	36.32	419895.91	597842.32	32° 9' 14.457 N	104° 1' 1.843 W
Golden Corral 6 Estate No 1H LTP	8460.00	7380.50	468.70	426704.60	598274.70	32° 10' 21.825 N	104° 0' 56.580 W

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7887.04	0.00	0.00	7887.04	0.00	0.00	0.00	0.00	0.00	KOP/Start Build
8787.04	90.00	3.63	8460.00	571.81	36.32	10.00	3.63	572.96	End Build
15739.72	90.00	3.63	8460.00	7510.50	477.00	0.00	0.00	7525.63	TD

To convert a Magnetic Direction to a Grid Direction, Add 7.32°

Magnetic Model: BGGM2015 Date: 21-Aug-15
Azimuths to Grid North



Created By: Lotfi Hamoudi Date: 11:55, August 21 2015

Project: Eddy County, NM (NAD27)
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SURFACE LOCATION

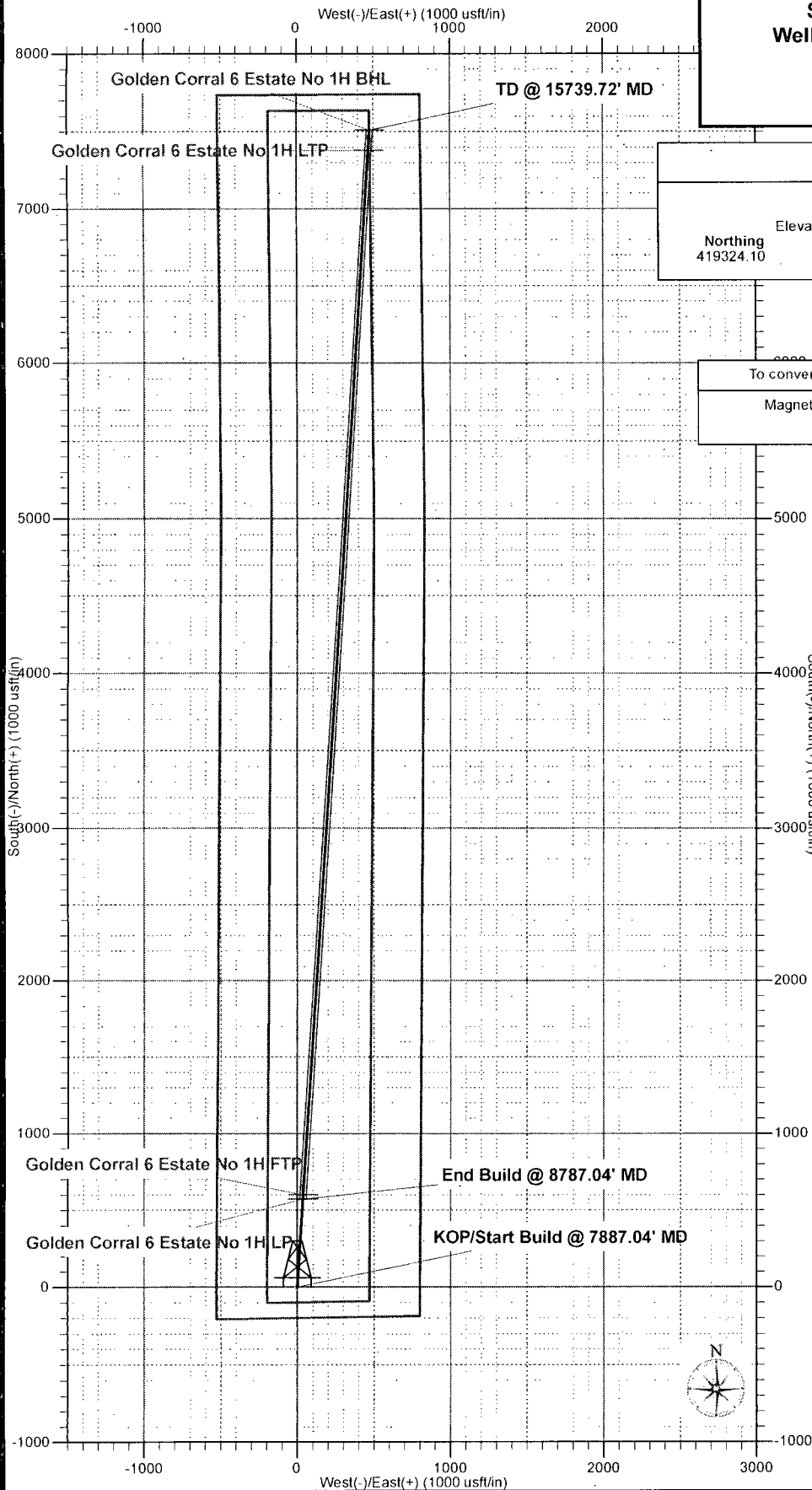
US State Plane 1927 (Exact solution)
 New Mexico East 3001

Elevation: GL 2912' + KB 25' @ 2937.00usft (TBD)

Northing	Easting	Latitude	Longitude
419324.10	597806.00	32° 9' 8.799 N	104° 1' 2.285 W

To convert a Magnetic Direction to a Grid Direction, Add 7.32°

Magnetic Model: BGGM2015 Date: 21-Aug-15
 Azimuths to Grid North



XTO Energy Inc.

Eddy County, NM (NAD27)

Golden Corral 6 Estate

Golden Corral 6 Estate No 1H

Wellbore #1

Plan: Plan #1

Sperry Drilling Services Proposal Report

21 August, 2015

Well Coordinates: 419,324.10 N, 597,806.00 E (32° 09' 08.80" N, 104° 01' 02.29" W)
Ground Level: 2,912.00 usft

Local Coordinate Origin:	Centered on Well Golden Corral 6 Estate No 1H
Viewing Datum:	GL 2912' + KB 25' @ 2937.00usft (TBD)
TVDs to System:	N
North Reference:	Grid
Unit System:	API - US Survey Feet

Version: 5000.1 Build: 76

HALLIBURTON

HALLIBURTON**Plan Report for Golden Corral 6 Estate No 1H - Plan #1**

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	Toolface Azimuth (°)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
259.00	0.00	0.00	259.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rustler										
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
655.00	0.00	0.00	655.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Top Salt										
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,551.00	0.00	0.00	2,551.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Base Salt										
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,748.00	0.00	0.00	2,748.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Delaware										
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,648.00	0.00	0.00	3,648.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cherry Canyon										
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

HALLIBURTON**Plan Report for Golden Corral 6 Estate No 1H - Plan #1**

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	Toolface Azimuth (°)
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,213.00	0.00	0.00	5,213.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Brushy Canyon										
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,204.00	0.00	0.00	6,204.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Basal Brushy Canyon										
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,466.00	0.00	0.00	6,466.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bone Spring										
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,428.00	0.00	0.00	7,428.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1st Bone Spring Ss										
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,654.00	0.00	0.00	7,654.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2nd Bone Spring Lm										
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,887.04	0.00	0.00	7,887.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP/Start Build @ 7887.04' MD - Dogleg = 10.00°/100'										
7,900.00	1.30	3.63	7,900.00	0.15	0.01	0.15	10.00	10.00	0.00	3.63
7,950.00	6.30	3.63	7,949.87	3.45	0.22	3.46	10.00	10.00	0.00	0.00
8,000.00	11.30	3.63	7,999.27	11.08	0.70	11.10	10.00	10.00	0.00	0.00
8,050.00	16.30	3.63	8,047.81	22.97	1.46	23.02	10.00	10.00	0.00	0.00
8,100.00	21.30	3.63	8,095.13	39.04	2.48	39.12	10.00	10.00	0.00	0.00
8,150.00	26.30	3.63	8,140.87	59.17	3.76	59.29	10.00	10.00	0.00	0.00
8,200.00	31.30	3.63	8,184.67	83.20	5.28	83.37	10.00	10.00	0.00	0.00
8,250.00	36.30	3.63	8,226.21	110.95	7.05	111.17	10.00	10.00	0.00	0.00
8,278.83	39.18	3.63	8,249.00	128.55	8.16	128.81	10.00	10.00	0.00	0.00
2nd Bone Spring Ss										
8,300.00	41.30	3.63	8,265.16	142.20	9.03	142.49	10.00	10.00	0.00	0.00
8,350.00	46.30	3.63	8,301.24	176.72	11.22	177.08	10.00	10.00	0.00	0.00
8,400.00	51.30	3.63	8,334.17	214.26	13.61	214.69	10.00	10.00	0.00	0.00
8,450.00	56.30	3.63	8,363.69	254.51	16.16	255.02	10.00	10.00	0.00	0.00
8,474.79	58.77	3.63	8,377.00	275.38	17.49	275.94	10.00	10.00	0.00	0.00
2nd Bone Spring "B" Ss										

HALLIBURTON**Plan Report for Golden Corral 6 Estate No 1H - Plan #1**

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	Toolface Azimuth (°)
8,500.00	61.30	3.63	8,389.59	297.17	18.87	297.77	10.00	10.00	0.00	0.00
8,550.00	66.30	3.63	8,411.66	341.93	21.72	342.62	10.00	10.00	0.00	0.00
8,600.00	71.30	3.63	8,429.74	388.44	24.67	389.22	10.00	10.00	0.00	0.00
8,610.45	72.34	3.63	8,433.00	398.34	25.30	399.15	10.00	10.00	0.00	0.00
2nd Bone Spring "C" Ss										
8,650.00	76.30	3.63	8,443.69	436.34	27.71	437.22	10.00	10.00	0.00	0.00
8,700.00	81.30	3.63	8,453.40	485.27	30.82	486.25	10.00	10.00	0.00	0.00
8,750.00	86.30	3.63	8,458.80	534.86	33.97	535.94	10.00	10.00	0.00	0.00
8,787.05	90.00	3.63	8,460.00	571.81	36.32	572.96	10.00	10.00	0.00	0.00
End Build @ 8787.04' MD - Hold Angle = 90.00° - Target Line - Golden Corral 6 Estate No 1H LP										
8,800.00	90.00	3.63	8,460.00	584.74	37.14	585.92	0.00	0.00	0.00	0.00
8,815.90	90.00	3.63	8,460.00	600.60	38.14	601.81	0.00	0.00	0.00	0.00
Golden Corral 6 Estate No 1H FTP										
8,900.00	90.00	3.63	8,460.00	684.54	43.48	685.92	0.00	0.00	0.00	0.00
9,000.00	90.00	3.63	8,460.00	784.34	49.81	785.92	0.00	0.00	0.00	0.00
9,100.00	90.00	3.63	8,460.00	884.13	56.15	885.92	0.00	0.00	0.00	0.00
9,200.00	90.00	3.63	8,460.00	983.93	62.49	985.92	0.00	0.00	0.00	0.00
9,300.00	90.00	3.63	8,460.00	1,083.73	68.83	1,085.92	0.00	0.00	0.00	0.00
9,400.00	90.00	3.63	8,460.00	1,183.53	75.17	1,185.92	0.00	0.00	0.00	0.00
9,500.00	90.00	3.63	8,460.00	1,283.33	81.51	1,285.92	0.00	0.00	0.00	0.00
9,600.00	90.00	3.63	8,460.00	1,383.13	87.84	1,385.92	0.00	0.00	0.00	0.00
9,700.00	90.00	3.63	8,460.00	1,482.93	94.18	1,485.92	0.00	0.00	0.00	0.00
9,800.00	90.00	3.63	8,460.00	1,582.73	100.52	1,585.92	0.00	0.00	0.00	0.00
9,900.00	90.00	3.63	8,460.00	1,682.53	106.86	1,685.92	0.00	0.00	0.00	0.00
10,000.00	90.00	3.63	8,460.00	1,782.32	113.20	1,785.92	0.00	0.00	0.00	0.00
10,100.00	90.00	3.63	8,460.00	1,882.12	119.54	1,885.92	0.00	0.00	0.00	0.00
10,200.00	90.00	3.63	8,460.00	1,981.92	125.87	1,985.92	0.00	0.00	0.00	0.00
10,300.00	90.00	3.63	8,460.00	2,081.72	132.21	2,085.92	0.00	0.00	0.00	0.00
10,400.00	90.00	3.63	8,460.00	2,181.52	138.55	2,185.92	0.00	0.00	0.00	0.00
10,500.00	90.00	3.63	8,460.00	2,281.32	144.89	2,285.92	0.00	0.00	0.00	0.00
10,600.00	90.00	3.63	8,460.00	2,381.12	151.23	2,385.92	0.00	0.00	0.00	0.00
10,700.00	90.00	3.63	8,460.00	2,480.92	157.57	2,485.92	0.00	0.00	0.00	0.00
10,800.00	90.00	3.63	8,460.00	2,580.72	163.90	2,585.92	0.00	0.00	0.00	0.00
10,900.00	90.00	3.63	8,460.00	2,680.51	170.24	2,685.92	0.00	0.00	0.00	0.00
11,000.00	90.00	3.63	8,460.00	2,780.31	176.58	2,785.92	0.00	0.00	0.00	0.00
11,100.00	90.00	3.63	8,460.00	2,880.11	182.92	2,885.92	0.00	0.00	0.00	0.00
11,200.00	90.00	3.63	8,460.00	2,979.91	189.26	2,985.92	0.00	0.00	0.00	0.00
11,300.00	90.00	3.63	8,460.00	3,079.71	195.60	3,085.92	0.00	0.00	0.00	0.00
11,400.00	90.00	3.63	8,460.00	3,179.51	201.93	3,185.92	0.00	0.00	0.00	0.00
11,500.00	90.00	3.63	8,460.00	3,279.31	208.27	3,285.92	0.00	0.00	0.00	0.00
11,600.00	90.00	3.63	8,460.00	3,379.11	214.61	3,385.92	0.00	0.00	0.00	0.00
11,700.00	90.00	3.63	8,460.00	3,478.91	220.95	3,485.92	0.00	0.00	0.00	0.00
11,800.00	90.00	3.63	8,460.00	3,578.71	227.29	3,585.92	0.00	0.00	0.00	0.00
11,900.00	90.00	3.63	8,460.00	3,678.50	233.63	3,685.92	0.00	0.00	0.00	0.00
12,000.00	90.00	3.63	8,460.00	3,778.30	239.96	3,785.92	0.00	0.00	0.00	0.00
12,100.00	90.00	3.63	8,460.00	3,878.10	246.30	3,885.92	0.00	0.00	0.00	0.00
12,200.00	90.00	3.63	8,460.00	3,977.90	252.64	3,985.92	0.00	0.00	0.00	0.00
12,300.00	90.00	3.63	8,460.00	4,077.70	258.98	4,085.92	0.00	0.00	0.00	0.00
12,400.00	90.00	3.63	8,460.00	4,177.50	265.32	4,185.92	0.00	0.00	0.00	0.00
12,500.00	90.00	3.63	8,460.00	4,277.30	271.66	4,285.92	0.00	0.00	0.00	0.00
12,600.00	90.00	3.63	8,460.00	4,377.10	277.99	4,385.92	0.00	0.00	0.00	0.00
12,700.00	90.00	3.63	8,460.00	4,476.90	284.33	4,485.92	0.00	0.00	0.00	0.00
12,800.00	90.00	3.63	8,460.00	4,576.69	290.67	4,585.92	0.00	0.00	0.00	0.00
12,900.00	90.00	3.63	8,460.00	4,676.49	297.01	4,685.92	0.00	0.00	0.00	0.00
13,000.00	90.00	3.63	8,460.00	4,776.29	303.35	4,785.92	0.00	0.00	0.00	0.00
13,100.00	90.00	3.63	8,460.00	4,876.09	309.69	4,885.92	0.00	0.00	0.00	0.00
13,200.00	90.00	3.63	8,460.00	4,975.89	316.02	4,985.92	0.00	0.00	0.00	0.00
13,300.00	90.00	3.63	8,460.00	5,075.69	322.36	5,085.92	0.00	0.00	0.00	0.00
13,400.00	90.00	3.63	8,460.00	5,175.49	328.70	5,185.92	0.00	0.00	0.00	0.00

HALLIBURTON**Plan Report for Golden Corral 6 Estate No 1H - Plan #1**

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	Toolface Azimuth (°)
13,500.00	90.00	3.63	8,460.00	5,275.29	335.04	5,285.92	0.00	0.00	0.00	0.00
13,600.00	90.00	3.63	8,460.00	5,375.09	341.38	5,385.92	0.00	0.00	0.00	0.00
13,700.00	90.00	3.63	8,460.00	5,474.88	347.72	5,485.92	0.00	0.00	0.00	0.00
13,800.00	90.00	3.63	8,460.00	5,574.68	354.05	5,585.92	0.00	0.00	0.00	0.00
13,900.00	90.00	3.63	8,460.00	5,674.48	360.39	5,685.92	0.00	0.00	0.00	0.00
14,000.00	90.00	3.63	8,460.00	5,774.28	366.73	5,785.92	0.00	0.00	0.00	0.00
14,100.00	90.00	3.63	8,460.00	5,874.08	373.07	5,885.92	0.00	0.00	0.00	0.00
14,200.00	90.00	3.63	8,460.00	5,973.88	379.41	5,985.92	0.00	0.00	0.00	0.00
14,300.00	90.00	3.63	8,460.00	6,073.68	385.75	6,085.92	0.00	0.00	0.00	0.00
14,400.00	90.00	3.63	8,460.00	6,173.48	392.08	6,185.92	0.00	0.00	0.00	0.00
14,500.00	90.00	3.63	8,460.00	6,273.28	398.42	6,285.92	0.00	0.00	0.00	0.00
14,600.00	90.00	3.63	8,460.00	6,373.08	404.76	6,385.92	0.00	0.00	0.00	0.00
14,700.00	90.00	3.63	8,460.00	6,472.87	411.10	6,485.92	0.00	0.00	0.00	0.00
14,800.00	90.00	3.63	8,460.00	6,572.67	417.44	6,585.92	0.00	0.00	0.00	0.00
14,900.00	90.00	3.63	8,460.00	6,672.47	423.78	6,685.92	0.00	0.00	0.00	0.00
15,000.00	90.00	3.63	8,460.00	6,772.27	430.11	6,785.92	0.00	0.00	0.00	0.00
15,100.00	90.00	3.63	8,460.00	6,872.07	436.45	6,885.92	0.00	0.00	0.00	0.00
15,200.00	90.00	3.63	8,460.00	6,971.87	442.79	6,985.92	0.00	0.00	0.00	0.00
15,300.00	90.00	3.63	8,460.00	7,071.67	449.13	7,085.92	0.00	0.00	0.00	0.00
15,400.00	90.00	3.63	8,460.00	7,171.47	455.47	7,185.92	0.00	0.00	0.00	0.00
15,500.00	90.00	3.63	8,460.00	7,271.27	461.81	7,285.92	0.00	0.00	0.00	0.00
15,600.00	90.00	3.63	8,460.00	7,371.06	468.14	7,385.92	0.00	0.00	0.00	0.00
15,609.45	90.00	3.63	8,460.00	7,380.50	468.74	7,395.37	0.00	0.00	0.00	0.00
Golden Corral 6 Estate No 1H LTP										
15,700.00	90.00	3.63	8,460.00	7,470.86	474.48	7,485.92	0.00	0.00	0.00	0.00
15,739.72	90.00	3.63	8,460.00	7,510.50	477.00	7,525.63	0.00	0.00	0.00	0.00
TD @ 15739.72' MD - Golden Corral 6 Estate No 1H BHL										

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
7,887.04	7,887.04	0.00	0.00	KOP/Start Build @ 7887.04' MD
7,887.04	7,887.04	0.00	0.00	Dogleg = 10.00°/100'
8,787.04	8,460.00	571.80	36.32	End Build @ 8787.04' MD
8,787.04	8,460.00	571.81	36.32	Hold Angle = 90.00°
15,739.72	8,460.00	7,510.50	477.00	TD @ 15739.72' MD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin		Start TVD (usft)
				+N/-S (usft)	+E/-W (usft)	
TD	No Target (Freehand)	3.63	Slot	0.00	0.00	0.00

Survey tool program

From (usft)	To (usft)	Survey/Plan	Survey Tool
0.00	15,739.72	Plan #1	MWD

Plan Report for Golden Corral 6 Estate No 1H - Plan #1**Formation Details**

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
259.00	259.00	Rustler			
655.00	655.00	Top Salt			
2,551.00	2,551.00	Base Salt			
2,748.00	2,748.00	Delaware			
3,648.00	3,648.00	Cherry Canyon			
5,213.00	5,213.00	Brushy Canyon			
6,204.00	6,204.00	Basal Brushy Canyon			
6,466.00	6,466.00	Bone Spring			
7,428.00	7,428.00	1st Bone Spring Ss			
7,654.00	7,654.00	2nd Bone Spring Lm			
8,278.83	8,249.00	2nd Bone Spring Ss			
8,474.79	8,377.00	2nd Bone Spring "B" Ss			
8,610.45	8,433.00	2nd Bone Spring "C" Ss			
8,787.04	8,460.00	Target Line			

Targets associated with this wellbore

Target Name	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Shape
Golden Corral 6 Estate No 1H FTP	8,460.00	600.60	38.20	Point
Golden Corral 6 Estate No 1H LTP	8,460.00	7,380.50	468.70	Point
Golden Corral 6 Estate No 1H BHL	8,460.00	7,510.50	477.00	Point
Golden Corral 6 Estate No 1H LP	8,460.00	571.81	36.32	Point

North Reference Sheet for Golden Corral 6 Estate - Golden Corral 6 Estate No 1H - Wellbore #1

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to Grid North Reference.

Vertical Depths are relative to GL 2912' + KB 25' @ 2937.00usft (TBD). Northing and Easting are relative to Golden Corral 6 Estate No 1H

Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 3001 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866

Projection method is Transverse Mercator (Gauss-Kruger)

Central Meridian is -104.33°, Longitude Origin: 0° 0' 0.000 E°, Latitude Origin: 0° 0' 0.000 N°

False Easting: 500,000.00usft, False Northing: 0.00usft, Scale Reduction: 0.99992005

Grid Coordinates of Well: 419,324.10 usft N, 597,806.00 usft E

Geographical Coordinates of Well: 32° 09' 08.80" N, 104° 01' 02.29" W

Grid Convergence at Surface is: 0.17°

Based upon Minimum Curvature-type calculations, at a Measured Depth of 15,739.72usft the Bottom Hole Displacement is 7,525.63usft in the Direction of 3.63° (Grid).

Magnetic Convergence at surface is: -7.32° (21 August 2015, , BGGM2015)

