

Results of Directional Survey

API number:	30-025-40928		
OGRID:		Operator:	EOG RESOURCES INC
		Property:	DRAGON 36 STATE # 6H

surface	ULSTR:	O	36	T 24S	R 33E
				220 FSL	1965 FEL

BH Loc	ULSTR:	B	36	T 24S	R 33E
14306 MD		9421.6	TVD	331 FNL	1411 FEL
				5049 FSL	

Top Perf/OH	ULSTR:	O	36	T 24S	R 33E
9667 MD		9463.8	TVD	414 FSL	1428 FEL

Bot Perf/OH	ULSTR:	B	36	T 24S	R 33E
14181 MD		9422.7	TVD	356 FNL	1411 FEL
				4924 FSL	

	MD	N/S	E/W	VD
	9649	176.08	536.00	9460.78
TOP PERFS/OH	9667	193.80	536.91	9463.78
	9677	203.65	537.42	9465.45
	14160	4682.93	554.30	9422.86
BOT PERFS/OH	14181	4703.93	554.23	9422.72
	14207.74	4730.66	554.14	9422.54

NEXT TO LAST	14248	4770.92	554.25	9422.17
LAST READING	14306	4828.92	554.25	9421.56
TD	14306	4828.92	554.25	9421.56

Surface Location	220 FS	1965 FE
Projected BHL	5049 FS	1411 FE
Location of		
Top Perfs/OH	414 FS	1428 FE
Bottom Perfs/OH	4924 FS	1411 FE

SUMMARY of Subsurface Locations

Surface Location	O-36-24S-33E	220 FS	1965 FE	Vert. Depth
Top Perfs/OH	O-36-24S-33E	414 FS	1428 FE	9463.78
Bottom Perfs/OH	B-36-24S-33E	4924 FS	1411 FE	9422.72
Projected TD	B-36-24S-33E	5049 FS	1411 FE	9421.56

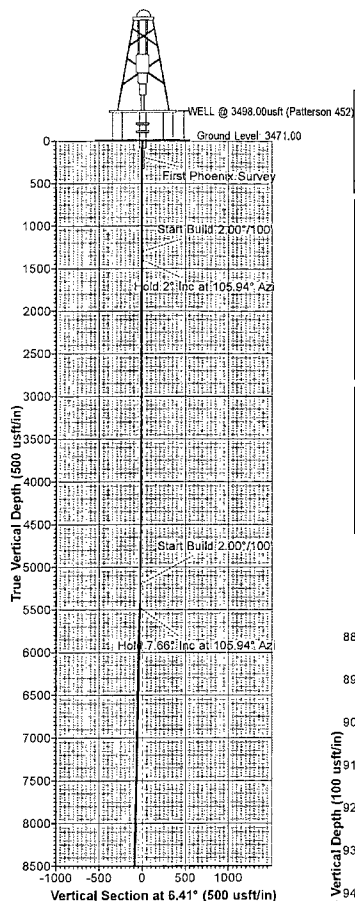
AUG 19 2014

Project: Lea County, NM (NAD27 NME)
 Site: Dragon 36 State
 Well: #6H
 Wellbore: Wellbore #1 Job #1410347
 Design: Plan #2 03-06-14
 Rig: Patterson 452



Azimuths to Grid North
 True North: -0.43°
 Magnetic North: 6.78°

Magnetic Field
 Strength: 48307.0nT
 Dip Angle: 60.07°
 Date: 04/02/2014
 Model: IGRF2010_14



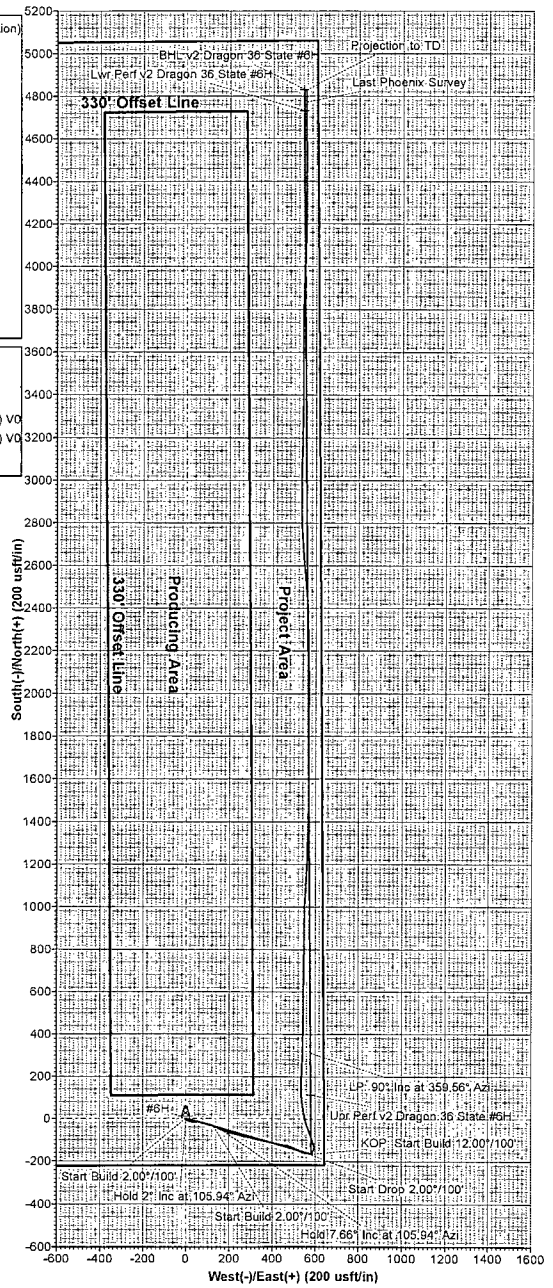
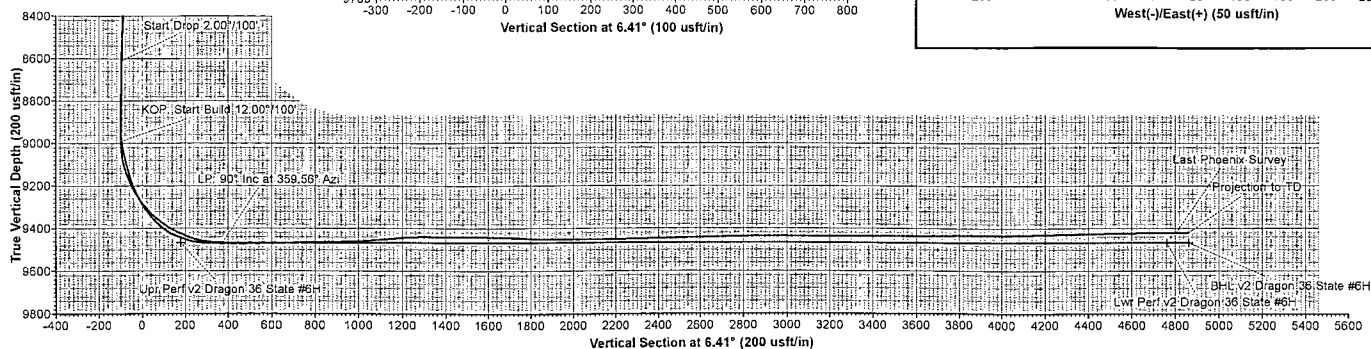
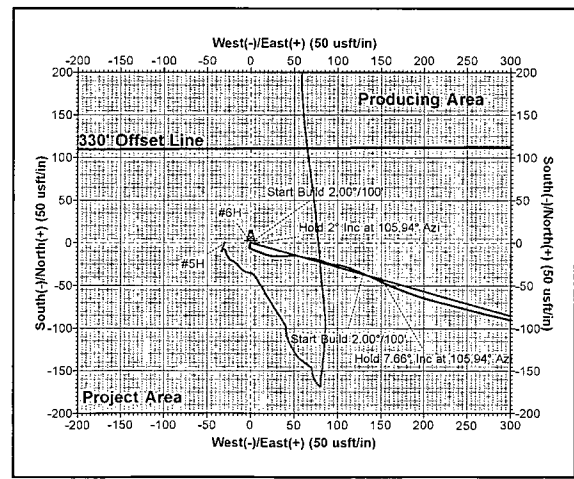
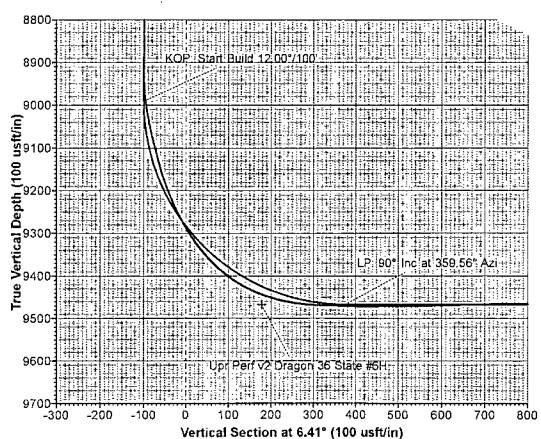
WELL DETAILS						
	+N-S	+E-W	Northing	Ground Level: Easting	Latitude	Longitude
	0.00	0.00	425522.00	750628.00	32° 10' 2.22293 N	103° 31' 24.16750 W

SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSeet	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		Start Build 2.00°/100°
2	1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	0.00		Hold 2° Inc at 105.94° Azi
3	1400.00	2.00	105.94	1399.98	-0.48	1.68	2.00	105.94	-0.29		Start Build 2.00°/100°
4	5200.00	2.00	105.94	5197.66	-36.91	129.19	0.00	0.00	-22.25		Hold 7.66° Inc at 105.94° Azi
5	5482.81	7.66	105.94	5479.36	-43.45	152.07	2.00	0.00	-26.19		Start Drop 2.00°/100°
6	8640.47	7.66	105.94	8608.87	-159.01	556.58	0.00	0.00	-95.85		KOP: Start Build 12.00°/100°
7	9023.28	0.00	0.00	8990.54	-166.03	581.14	2.00	180.00	-100.08		LP: 90° Inc at 359.56° Azi
8	9773.28	90.00	359.56	9468.00	311.42	577.49	12.00	359.56	373.98		LP: 90° Inc at 359.56° Azi
9	14292.99	90.00	359.56	9468.00	4831.00	543.00	0.00	0.00	4861.42		BHL v2 Dragon 36 State #6H TD at 14292.99

DESIGN TARGET DETAILS									
Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Shape	
BHL v2 Dragon 36 State #6H	9468.00	4831.00	543.00	430353.00	751171.00	32° 10' 49.98744 N	103° 31' 17.42668 W	Point	
Lwr Perf v2 Dragon 36 State #6H	9468.00	4731.00	544.00	430253.00	751172.00	32° 10' 48.96782 N	103° 31' 17.42382 W	Point	
Upr Perf v2 Dragon 36 State #6H	9468.00	114.00	579.00	425636.00	751207.00	32° 10' 3.30784 N	103° 31' 17.42193 W	Point	

Map System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone Name: New Mexico East 3001
 Local Origin: Well #6H, Grid North
 Latitude: 32° 10' 2.22293 N
 Longitude: 103° 31' 24.16750 W
 Grid East: 750628.00
 Grid North: 425522.00
 Scale Factor: 1.000
 Geomagnetic Model: IGRF2010_14
 Sample Date: 02-Apr-14
 Magnetic Declination: 7.21°
 Dip Angle from Horizontal: 60.07°
 Magnetic Field Strength: 48307
 To convert a Magnetic Direction to a Grid Direction, Add 6.78°
 To convert a Magnetic Direction to a True Direction, Add 7.21° East
 To convert a True Direction to a Grid Direction, Subtract 0.43°

LEGEND
 — #6H, Wellbore #1 Job #1410347, Surveys (Patterson 452) VO
 — #5H, Wellbore #1 Job #1410346, Surveys (Patterson 452) VO
 — Plan #2 03-06-14





EOG Resources

Lea County, NM (NAD27 NME)

Dragon 36 State

#6H

Wellbore #1 Job #1410347

Survey: Phoenix MWD Surveys

Standard Survey Report

20 April, 2014

HOBBS OCD

AUG 04 2014

RECEIVED





Phoenix Technology Services
Survey Report



Company:	EOG Resources	Local Co-ordinate Reference:	Well #6H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	WELL @ 3498.00usft (Patterson 452)
Site:	Dragon 36 State	MD Reference:	WELL @ 3498.00usft (Patterson 452)
Well:	#6H	North Reference:	Grid
Wellbore:	Wellbore #1 Job #1410347	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Patterson 452)	Database:	GCR DB

Project	Lea County, NM (NAD27 NME)		
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	Dragon 36 State		
Site Position:		Northing:	425,522.00 usft
From:	Map	Easting:	750,598.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 10' 2.22516 N
		Longitude:	103° 31' 24.51650 W
		Grid Convergence:	0.43 °

Well	#6H		
Well Position	+N/-S	0.00 usft	Northing:
	+E/-W	0.00 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 10' 2.22293 N
		Longitude:	103° 31' 24.16750 W
		Ground Level:	3,471.00 usft

Wellbore	Wellbore #1 Job #1410347				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010_14	04/02/14	7.21	60.07	48,307

Design	Surveys (Patterson 452)			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth:
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	6.41

Survey Program	Date 04/20/14			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
191.00	14,306.00	Phoenix MWD Surveys (Wellbore #1 Job #	MWD	MWD - Standard

Survey										
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)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
191.00	0.80	205.90	190.99	-1.20	-0.58	-1.26	0.42	0.42	0.00	
First Phoenix Survey										
250.00	0.80	216.80	249.99	-1.90	-1.01	-2.00	0.26	0.00	18.47	
311.00	0.90	208.40	310.98	-2.66	-1.49	-2.81	0.26	0.16	-13.77	
372.00	0.50	198.20	371.98	-3.34	-1.80	-3.52	0.68	-0.66	-16.72	
433.00	0.30	164.00	432.98	-3.74	-1.84	-3.93	0.50	-0.33	-56.07	
528.00	0.20	134.50	527.97	-4.10	-1.66	-4.26	0.17	-0.11	-31.05	
620.00	0.30	172.60	619.97	-4.45	-1.51	-4.59	0.20	0.11	41.41	
712.00	0.30	169.10	711.97	-4.92	-1.43	-5.05	0.02	0.00	-3.80	
805.00	0.20	190.10	804.97	-5.32	-1.42	-5.45	0.14	-0.11	22.58	



Phoenix Technology Services
Survey Report



Company:	EOG Resources	Local Co-ordinate Reference:	Well #6H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	WELL @ 3498.00usft (Patterson 452)
Site:	Dragon 36 State	MD Reference:	WELL @ 3498.00usft (Patterson 452)
Well:	#6H	North Reference:	Grid
Wellbore:	Wellbore #1 Job #1410347	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Patterson 452)	Database:	GCR DB

Survey

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)
897.00	0.10	158.50	896.97	-5.56	-1.41	-5.68	0.14	-0.11	-34.35
989.00	0.20	173.10	988.97	-5.79	-1.37	-5.91	0.12	0.11	15.87
1,081.00	0.10	163.60	1,080.97	-6.03	-1.32	-6.14	0.11	-0.11	-10.33
1,173.00	0.20	266.00	1,172.97	-6.12	-1.46	-6.24	0.26	0.11	111.30
1,208.00	0.10	193.60	1,207.97	-6.15	-1.53	-6.28	0.56	-0.29	-206.86
1,363.00	0.00	121.80	1,362.97	-6.28	-1.56	-6.42	0.06	-0.06	0.00
1,555.00	2.60	113.70	1,554.90	-8.03	2.43	-7.71	1.35	1.35	0.00
1,746.00	2.20	110.30	1,745.74	-11.04	9.83	-9.88	0.22	-0.21	-1.78
1,937.00	2.20	110.10	1,936.60	-13.58	16.71	-11.63	0.00	0.00	-0.10
2,128.00	2.10	95.70	2,127.46	-15.18	23.64	-12.45	0.29	-0.05	-7.54
2,319.00	2.10	90.40	2,318.33	-15.56	30.62	-12.04	0.10	0.00	-2.77
2,510.00	1.50	89.00	2,509.24	-15.54	36.62	-11.35	0.31	-0.31	-0.73
2,701.00	1.80	87.10	2,700.16	-15.34	42.11	-10.54	0.16	0.16	-0.99
2,891.00	1.80	82.70	2,890.07	-14.81	48.05	-9.35	0.07	0.00	-2.32
3,082.00	2.50	106.30	3,080.93	-15.60	55.03	-9.36	0.58	0.37	12.36
3,273.00	2.50	100.20	3,271.75	-17.51	63.13	-10.35	0.14	0.00	-3.19
3,465.00	2.70	93.60	3,463.56	-18.53	71.76	-10.40	0.19	0.10	-3.44
3,656.00	2.50	113.20	3,654.36	-20.45	80.08	-11.39	0.47	-0.10	10.26
3,847.00	1.90	112.90	3,845.22	-23.33	86.83	-13.49	0.31	-0.31	-0.16
4,038.00	1.80	101.20	4,036.12	-25.14	92.68	-14.64	0.20	-0.05	-6.13
4,229.00	1.50	96.30	4,227.04	-26.00	98.11	-14.88	0.17	-0.16	-2.57
4,420.00	2.60	99.20	4,417.92	-26.97	104.87	-15.09	0.58	0.58	1.52
4,611.00	2.90	113.40	4,608.70	-29.58	113.58	-16.71	0.39	0.16	7.43
4,802.00	3.00	112.00	4,799.45	-33.37	122.65	-19.47	0.06	0.05	-0.73
4,993.00	2.10	114.60	4,990.26	-36.70	130.47	-21.90	0.47	-0.47	1.36
5,060.00	1.10	111.60	5,057.23	-37.45	132.18	-22.46	1.50	-1.49	-4.48
5,167.00	1.20	111.10	5,164.21	-38.23	134.18	-23.01	0.09	0.09	-0.47
5,263.00	3.00	115.90	5,260.14	-39.69	137.38	-24.10	1.88	1.88	5.00
5,358.00	5.10	113.00	5,354.90	-42.42	143.50	-26.14	2.22	2.21	-3.05
5,454.00	5.90	116.70	5,450.45	-46.31	151.84	-29.07	0.91	0.83	3.85
5,549.00	8.50	112.20	5,544.70	-51.16	162.71	-32.67	2.80	2.74	-4.74
5,645.00	9.10	111.50	5,639.57	-56.62	176.34	-36.58	0.63	0.63	-0.73
5,835.00	7.60	105.60	5,827.55	-65.50	202.42	-42.50	0.91	-0.79	-3.11
6,026.00	7.40	104.50	6,016.92	-71.98	226.49	-46.24	0.13	-0.10	-0.58
6,217.00	6.70	104.30	6,206.47	-77.81	249.20	-49.50	0.37	-0.37	-0.10
6,408.00	6.50	105.30	6,396.21	-83.42	270.42	-52.70	0.12	-0.10	0.52
6,599.00	7.40	102.70	6,585.80	-88.97	292.85	-55.72	0.50	0.47	-1.36
6,790.00	7.70	102.60	6,775.14	-94.47	317.34	-58.45	0.16	0.16	-0.05
6,981.00	7.60	103.10	6,964.44	-100.12	342.13	-61.30	0.06	-0.05	0.26
7,172.00	7.30	103.50	7,153.83	-105.82	366.23	-64.27	0.16	-0.16	0.21
7,362.00	6.70	102.90	7,342.42	-111.11	388.77	-67.01	0.32	-0.32	-0.32
7,553.00	6.80	103.90	7,532.09	-116.32	410.61	-69.75	0.08	0.05	0.52
7,744.00	8.40	100.50	7,721.41	-121.57	435.30	-72.22	0.87	0.84	-1.78

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Design:	Surveys (Patterson 452)	Database:	GCR DB

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)
7,935.00	6.90	98.90	7,910.70	-125.89	460.36	-73.71	0.79	-0.79	-0.84
8,126.00	6.70	108.80	8,100.37	-131.26	482.24	-76.60	0.62	-0.10	5.18
8,316.00	8.70	114.50	8,288.65	-140.79	505.81	-83.44	1.13	1.05	3.00
8,507.00	8.10	115.10	8,477.60	-152.49	531.14	-92.24	0.32	-0.31	0.31
8,698.00	7.90	105.70	8,666.75	-161.75	555.96	-98.67	0.69	-0.10	-4.92
8,793.00	6.90	91.30	8,760.96	-163.65	567.96	-99.21	2.21	-1.05	-15.16
8,889.00	4.50	95.80	8,856.48	-164.16	577.47	-98.66	2.54	-2.50	4.69
8,921.00	4.00	97.80	8,888.39	-164.44	579.82	-98.67	1.63	-1.56	6.25
8,980.00	3.80	81.00	8,947.26	-164.41	583.79	-98.20	1.96	-0.34	-28.47
9,012.00	5.40	28.30	8,979.17	-162.92	585.56	-96.52	13.51	5.00	-164.69
9,044.00	8.90	27.60	9,010.91	-159.40	587.42	-92.82	10.94	10.94	-2.19
9,076.00	12.80	29.90	9,042.33	-154.13	590.33	-87.26	12.26	12.19	7.19
9,108.00	14.60	22.20	9,073.43	-147.32	593.62	-80.12	8.00	5.63	-24.06
9,140.00	14.30	3.80	9,104.43	-139.64	595.41	-72.29	14.32	-0.94	-57.50
9,171.00	15.60	350.00	9,134.39	-131.71	594.94	-64.47	12.19	4.19	-44.52
9,203.00	19.10	344.80	9,164.93	-122.42	592.82	-55.47	11.95	10.94	-16.25
9,235.00	22.50	343.00	9,194.84	-111.51	589.66	-44.98	10.81	10.63	-5.63
9,267.00	25.70	342.50	9,224.05	-99.03	585.78	-33.01	10.02	10.00	-1.56
9,299.00	29.30	340.70	9,252.43	-85.02	581.10	-19.61	11.54	11.25	-5.63
9,331.00	32.60	339.60	9,279.87	-69.54	575.51	-4.86	10.46	10.31	-3.44
9,362.00	36.40	339.10	9,305.41	-53.12	569.31	10.77	12.29	12.26	-1.61
9,394.00	40.50	340.30	9,330.47	-34.46	562.42	28.55	13.02	12.81	3.75
9,426.00	44.00	344.50	9,354.16	-13.95	555.94	48.20	14.05	10.94	13.13
9,458.00	47.90	347.50	9,376.40	8.36	550.40	69.76	13.92	12.19	9.38
9,490.00	53.10	350.20	9,396.75	32.58	545.65	93.29	17.50	16.25	8.44
9,521.00	58.40	351.80	9,414.19	57.88	541.65	117.99	17.62	17.10	5.16
9,553.00	63.50	353.90	9,429.73	85.63	538.19	145.17	16.94	15.94	6.56
9,583.97	69.11	356.52	9,442.17	113.87	535.83	172.98	19.70	18.12	8.45
Upr Perf Dragon 36 State #6H									
9,585.00	69.30	356.60	9,442.54	114.83	535.77	173.93	19.70	18.19	8.10
9,591.40	70.09	357.42	9,444.76	120.83	535.46	179.85	17.22	12.39	12.74
Upr Perf v2 Dragon 36 State #6H									
9,617.00	73.30	0.60	9,452.80	145.12	535.05	203.95	17.22	12.53	12.44
9,649.00	77.80	2.90	9,460.78	176.08	536.00	234.82	15.69	14.06	7.19
9,677.00	83.00	3.00	9,465.45	203.65	537.42	262.37	18.57	18.57	0.36
9,709.00	86.60	2.40	9,468.35	235.47	538.92	294.17	11.40	11.25	-1.88
9,741.00	87.30	2.00	9,470.05	267.40	540.15	326.04	2.52	2.19	-1.25
9,772.00	88.40	1.70	9,471.21	298.37	541.15	356.92	3.68	3.55	-0.97
9,868.00	89.90	1.20	9,472.64	394.32	543.58	452.54	1.65	1.56	-0.52
9,963.00	91.40	0.50	9,471.56	489.30	544.98	547.09	1.74	1.58	-0.74
10,059.00	91.60	359.90	9,469.05	585.27	545.32	642.49	0.66	0.21	-0.63
10,154.00	91.30	0.90	9,466.64	680.23	545.98	736.94	1.10	-0.32	1.05
10,250.00	90.70	0.70	9,464.97	776.21	547.32	832.46	0.66	-0.63	-0.21
10,345.00	90.80	0.10	9,463.73	871.20	547.99	926.93	0.64	0.11	-0.63



Phoenix Technology Services

Survey Report



Company:	EOG Resources	Local Co-ordinate Reference:	Well #6H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	WELL @ 3498.00usft (Patterson 452)
Site:	Dragon 36 State	MD Reference:	WELL @ 3498.00usft (Patterson 452)
Well:	#6H	North Reference:	Grid
Wellbore:	Wellbore #1 Job #1410347	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Patterson 452)	Database:	GCR DB

Survey									
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)
10,441.00	93.10	1.10	9,460.46	967.13	548.99	1,022.37	2.61	2.40	1.04
10,536.00	95.80	3.70	9,453.09	1,061.74	552.95	1,116.84	3.94	2.84	2.74
10,631.00	94.50	3.30	9,444.56	1,156.18	558.73	1,211.33	1.43	-1.37	-0.42
10,726.00	89.90	1.80	9,440.91	1,250.99	562.95	1,306.02	5.09	-4.84	-1.58
10,822.00	90.50	2.30	9,440.58	1,346.93	566.38	1,401.74	0.81	0.63	0.52
10,917.00	89.20	359.90	9,440.83	1,441.90	568.21	1,496.32	2.87	-1.37	-2.53
11,013.00	89.50	359.40	9,441.92	1,537.89	567.62	1,591.65	0.61	0.31	-0.52
11,109.00	86.90	359.80	9,444.93	1,633.83	566.95	1,686.91	2.74	-2.71	0.42
11,204.00	86.80	359.40	9,450.15	1,728.69	566.29	1,781.10	0.43	-0.11	-0.42
11,298.00	89.90	1.20	9,452.86	1,822.63	566.78	1,874.51	3.81	3.30	1.91
11,392.00	89.80	1.00	9,453.10	1,916.61	568.58	1,968.11	0.24	-0.11	-0.21
11,488.00	89.90	0.50	9,453.36	2,012.61	569.84	2,063.64	0.53	0.10	-0.52
11,583.00	91.20	358.90	9,452.44	2,107.59	569.34	2,157.98	2.17	1.37	-1.68
11,679.00	91.00	359.10	9,450.60	2,203.56	567.67	2,253.16	0.29	-0.21	0.21
11,774.00	90.70	358.80	9,449.19	2,298.54	565.93	2,347.35	0.45	-0.32	-0.32
11,869.00	90.20	358.40	9,448.45	2,393.50	563.61	2,441.46	0.67	-0.53	-0.42
11,964.00	91.70	355.70	9,446.87	2,488.35	558.72	2,535.17	3.25	1.58	-2.84
12,060.00	92.40	355.10	9,443.44	2,583.98	551.03	2,629.35	0.96	0.73	-0.63
12,156.00	90.80	355.80	9,440.76	2,679.64	543.41	2,723.55	1.82	-1.67	0.73
12,252.00	90.80	356.60	9,439.42	2,775.42	537.05	2,818.02	0.83	0.00	0.83
12,347.00	90.50	359.50	9,438.34	2,870.35	533.82	2,912.00	3.07	-0.32	3.05
12,442.00	89.80	0.90	9,438.09	2,965.34	534.15	3,006.44	1.65	-0.74	1.47
12,538.00	89.60	1.20	9,438.59	3,061.32	535.91	3,102.02	0.38	-0.21	0.31
12,633.00	89.80	1.20	9,439.09	3,156.30	537.90	3,196.62	0.21	0.21	0.00
12,729.00	90.00	0.90	9,439.26	3,252.29	539.66	3,292.20	0.38	0.21	-0.31
12,824.00	90.20	0.80	9,439.09	3,347.27	541.07	3,386.76	0.24	0.21	-0.11
12,920.00	90.30	359.70	9,438.67	3,443.27	541.49	3,482.20	1.15	0.10	-1.15
13,015.00	90.50	0.10	9,438.01	3,538.27	541.32	3,576.58	0.47	0.21	0.42
13,110.00	91.10	0.30	9,436.68	3,633.26	541.65	3,671.02	0.67	0.63	0.21
13,206.00	91.50	1.10	9,434.50	3,729.23	542.83	3,766.51	0.93	0.42	0.83
13,301.00	89.70	1.90	9,433.51	3,824.18	545.31	3,861.16	2.07	-1.89	0.84
13,397.00	89.10	1.50	9,434.51	3,920.14	548.16	3,956.83	0.75	-0.63	-0.42
13,492.00	91.10	1.80	9,434.35	4,015.09	550.90	4,051.49	2.13	2.11	0.32
13,587.00	90.90	1.20	9,432.69	4,110.04	553.38	4,146.13	0.67	-0.21	-0.63
13,683.00	90.60	0.30	9,431.43	4,206.03	554.64	4,241.65	0.99	-0.31	-0.94
13,778.00	90.60	0.30	9,430.44	4,301.02	555.14	4,336.11	0.00	0.00	0.00
13,873.00	91.60	359.50	9,428.62	4,396.00	554.97	4,430.48	1.35	1.05	-0.84
13,969.00	91.90	0.00	9,425.68	4,491.95	554.55	4,525.78	0.61	0.31	0.52
14,064.00	90.60	0.00	9,423.61	4,586.93	554.55	4,620.16	1.37	-1.37	0.00
14,160.00	90.30	359.70	9,422.86	4,682.93	554.30	4,715.53	0.44	-0.31	-0.31
14,207.74	90.46	359.92	9,422.54	4,730.66	554.14	4,762.95	0.57	0.34	0.45
Lwr Perf v2 Dragon 36 State #6H									
14,207.82	90.46	359.92	9,422.54	4,730.74	554.14	4,763.04	0.00	0.00	0.00



Phoenix Technology Services
Survey Report

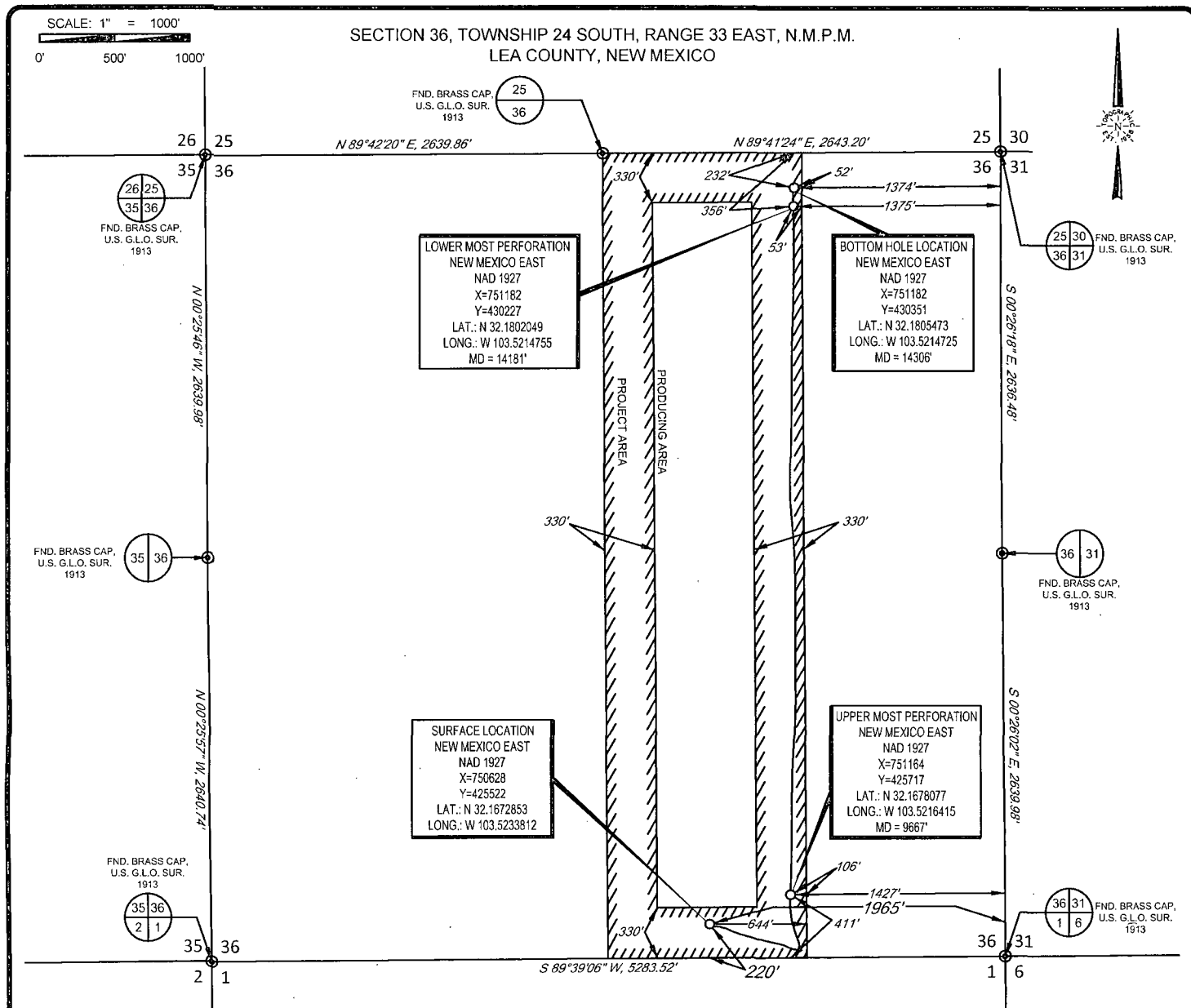


Company:	EOG Resources	Local Co-ordinate Reference:	Well #6H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	WELL @ 3498.00usft (Patterson 452)
Site:	Dragon 36 State	MD Reference:	WELL @ 3498.00usft (Patterson 452)
Well:	#6H	North Reference:	Grid
Wellbore:	Wellbore #1 Job #1410347	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Patterson 452)	Database:	GCR DB

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)
Lwr Perf Dragon 36 State #6H									
14,248.00	90.60	0.10	9,422.17	4,770.92	554.15	4,802.96	0.57	0.34	0.46
Last Phoenix Survey									
14,306.00	90.60	0.10	9,421.56	4,828.92	554.25	4,860.61	0.00	0.00	0.00
Projection to TD - BHL v2 Dragon 36 State #6H - BHL Dragon 36 State #6H									

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
191.00	190.99	-1.20	-0.58	First Phoenix Survey
14,248.00	9,422.17	4,770.92	554.15	Last Phoenix Survey
14,306.00	9,421.56	4,828.92	554.25	Projection to TD

Checked By: _____	Approved By: _____	Date: _____
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LEASE NAME & WELL NO.: DRAGON 36 STATE #6H

SECTION 36 TWP 24-S RGE 33-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3471'

DESCRIPTION 220' FSL & 1965' FEL



1400 EVERMAN PARKWAY, Ste. 197 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7548
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
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WWW.TOPOGRAPHIC.COM



Michael Blake Brown, P.S. No. 18329
JUNE 19, 2013



DRAGON 36 STATE #6H AS-COMPLETED	REVISION:	
	INT	DATE
DATE: 6/19/14		
FILE: AD_DRAGON36STATE_6H		
DRAWN BY: G.O.		
SHEET: 1 OF 1		

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET, NORTH AMERICAN DATUM 1927.
3. THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.