



EOG Resources

Gonzales County, Texas

Lepori Unit

Lepori 7H

Original Wellpath

Design: Original Wellpath

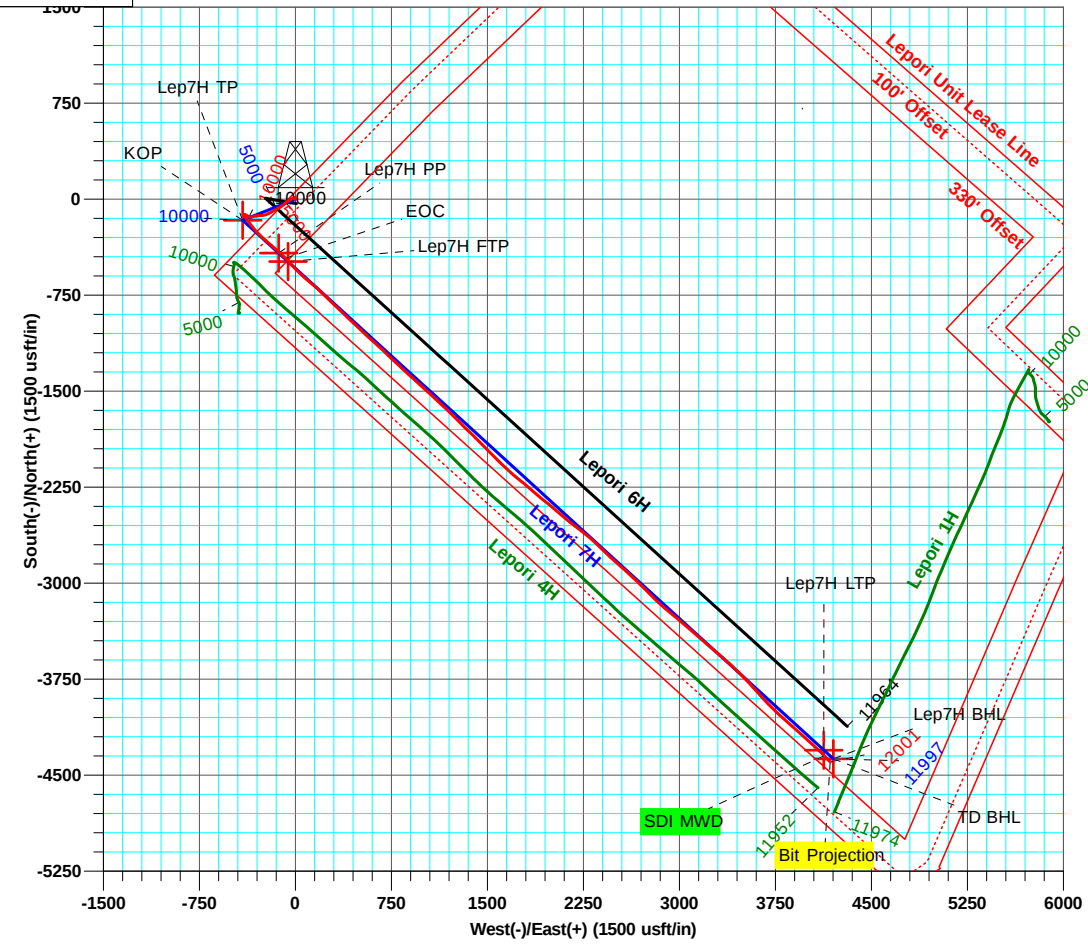
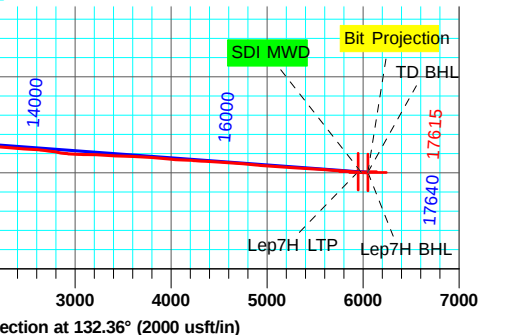
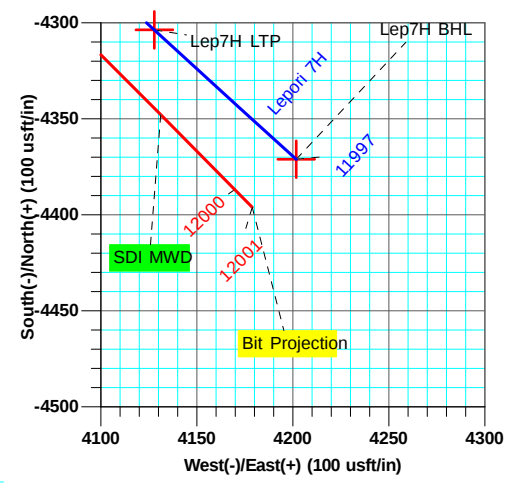
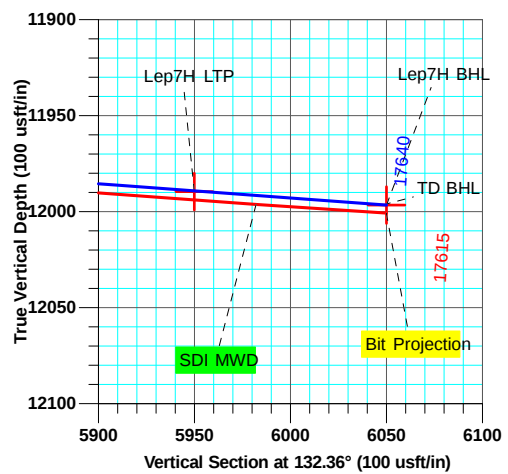
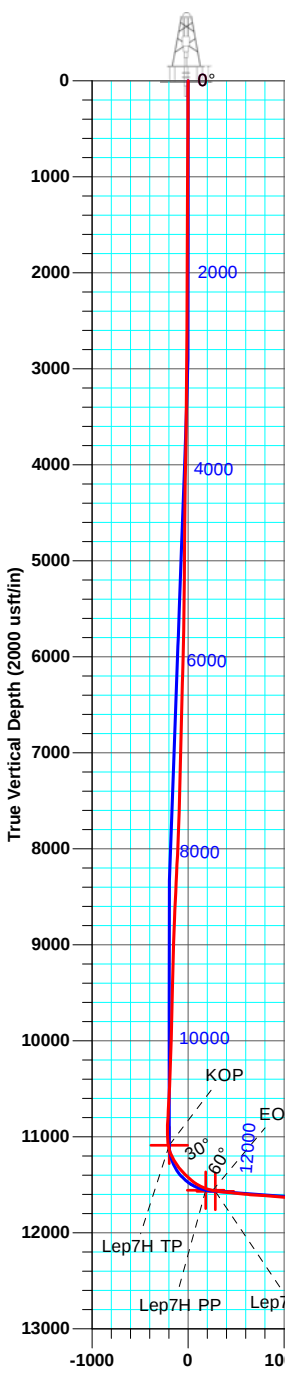
EOG Final Survey Report

20 April, 2015



RKB @ 337.00' (Patt 221)
 GL @ 312.00'

WELL DETAILS Lepori 7H					
		Ground Level: 312.00			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	541241.07	2519723.17	29° 18' 43.104 N	97° 22' 8.686 W



ANNOTATIONS		
TVD	MD	Annotation
11996.33	17547.00	SDI MWD
12000.87	17615.00	Bit Projection

LEGEND	
+	Lepori 1H, OH, As Drilled V0
—	Lepori 6H, Original Wellpath, Plan #1 V0
○	Lepori 4H, OH, As Drilled V0
—	Lepori 7H, Original Wellpath, Plan #1 Design 2 V0
—	Original Wellpath

Company:	EOG Resources	Local Co-ordinate Reference:	Well Lepori 7H
Project:	Gonzales County, Texas	TVD Reference:	RKB @ 337.00usft (Patt 221)
Site:	Lepori Unit	MD Reference:	RKB @ 337.00usft (Patt 221)
Well:	Lepori 7H	North Reference:	Grid
Wellbore:	Original Wellpath	Survey Calculation Method:	Minimum Curvature
Design:	Original Wellpath	Database:	EDMDB

Project		Gonzales County, Texas	
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Texas South Central 4204		

Site		Lepori Unit							
Site Position:		Northing:		541,241.07 usft		Latitude:		29° 18' 43.104 N	
From:		Easting:		2,519,723.17 usft		Longitude:		97° 22' 8.686 W	
Position Uncertainty:		Slot Radius:		13-3/16 "		Grid Convergence:		0.80 °	
Map		0.00 usft							

Well		Lepori 7H				
Well Position	+N/-S	0.00 usft	Northing:	541,241.07 usft	Latitude:	29° 18' 43.104 N
	+E/-W	0.00 usft	Easting:	2,519,723.17 usft	Longitude:	97° 22' 8.686 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	312.00 usft

Wellbore	Original Wellpath				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	03/18/15	3.78	58.09	46,920

Design		Original Wellpath			
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:		Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
		0.00	0.00	0.00	132.36

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Wellbore:	Original Wellpath	Survey Calculation Method:	Minimum Curvature
Design:	Original Wellpath	Database:	EDMDB

Survey Program		Date 04/20/15		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
129.04	2,520.00	VES Gyro (Original Wellpath)	VES Gyro	Gyro Multishot
2,581.00	17,615.00	SDI MWD (Original Wellpath)	EOG MWD+IFR1	MWD + IFR1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	541,241.07	2,519,723.17	
129.04	0.21	305.68	129.04	0.14	-0.19	-0.23	0.24	305.68	541,241.21	2,519,722.98	
220.27	0.22	317.84	220.27	0.37	-0.45	-0.58	0.58	309.35	541,241.44	2,519,722.72	
311.50	0.20	346.63	311.50	0.65	-0.60	-0.88	0.88	317.30	541,241.72	2,519,722.57	
402.73	0.25	352.82	402.73	1.00	-0.66	-1.16	1.20	326.58	541,242.07	2,519,722.51	
493.96	0.25	33.83	493.96	1.37	-0.58	-1.35	1.48	337.14	541,242.44	2,519,722.59	
585.19	0.28	36.64	585.19	1.71	-0.33	-1.40	1.74	349.02	541,242.78	2,519,722.84	
676.42	0.37	21.88	676.41	2.16	-0.09	-1.52	2.16	357.64	541,243.23	2,519,723.08	
739.42	0.44	1.85	739.41	2.59	-0.01	-1.75	2.59	359.88	541,243.66	2,519,723.16	
834.23	0.35	356.30	834.22	3.24	-0.01	-2.20	3.25	359.78	541,244.31	2,519,723.16	
929.04	0.44	344.49	929.03	3.88	-0.13	-2.71	3.89	358.11	541,244.95	2,519,723.04	
1,023.85	0.51	345.46	1,023.84	4.64	-0.33	-3.37	4.66	355.92	541,245.71	2,519,722.84	
1,118.66	0.42	341.35	1,118.64	5.38	-0.55	-4.03	5.41	354.18	541,246.45	2,519,722.62	
1,213.47	0.45	355.47	1,213.45	6.08	-0.69	-4.61	6.12	353.54	541,247.15	2,519,722.48	
1,308.28	0.48	349.53	1,308.26	6.84	-0.79	-5.20	6.89	353.41	541,247.91	2,519,722.38	
1,403.09	0.51	344.31	1,403.06	7.64	-0.98	-5.87	7.70	352.71	541,248.71	2,519,722.19	
1,497.90	0.49	355.56	1,497.87	8.45	-1.12	-6.52	8.53	352.43	541,249.52	2,519,722.05	
1,592.71	0.50	346.75	1,592.68	9.26	-1.25	-7.16	9.34	352.32	541,250.33	2,519,721.92	
1,687.52	0.46	342.76	1,687.48	10.02	-1.46	-7.83	10.13	351.73	541,251.09	2,519,721.71	
1,782.33	0.23	322.35	1,782.29	10.54	-1.69	-8.35	10.67	350.91	541,251.61	2,519,721.48	
1,877.14	0.25	314.00	1,877.10	10.83	-1.95	-8.74	11.01	349.79	541,251.90	2,519,721.22	

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Well:	Lepori 7H	North Reference:	Grid
Wellbore:	Original Wellpath	Survey Calculation Method:	Minimum Curvature
Design:	Original Wellpath	Database:	EDMDB

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
1,971.95	0.20	309.69	1,971.91	11.08	-2.23	-9.11	11.30	348.64	541,252.15	2,519,720.94	
2,066.76	0.20	320.88	2,066.72	11.32	-2.46	-9.44	11.58	347.74	541,252.39	2,519,720.71	
2,161.57	0.17	291.87	2,161.53	11.50	-2.69	-9.74	11.81	346.82	541,252.57	2,519,720.48	
2,256.38	0.16	297.63	2,256.34	11.61	-2.94	-10.00	11.98	345.79	541,252.68	2,519,720.23	
2,351.19	0.20	313.89	2,351.15	11.79	-3.18	-10.29	12.21	344.91	541,252.86	2,519,719.99	
2,446.00	0.13	301.54	2,445.96	11.96	-3.39	-10.56	12.43	344.18	541,253.03	2,519,719.78	
2,520.00	0.17	305.40	2,519.96	12.07	-3.55	-10.75	12.58	343.61	541,253.14	2,519,719.62	
2,581.00	0.35	311.04	2,580.96	12.24	-3.76	-11.03	12.81	342.91	541,253.31	2,519,719.41	
2,771.00	0.09	338.46	2,770.95	12.76	-4.26	-11.74	13.45	341.55	541,253.83	2,519,718.91	
2,960.00	0.26	286.87	2,959.95	13.02	-4.72	-12.26	13.85	340.07	541,254.09	2,519,718.45	
3,150.00	1.32	262.26	3,149.93	12.85	-7.30	-14.06	14.78	330.40	541,253.92	2,519,715.87	
3,339.00	1.67	243.36	3,338.87	11.32	-11.92	-16.44	16.44	313.53	541,252.39	2,519,711.25	
3,528.00	2.64	239.41	3,527.73	7.87	-18.13	-18.70	19.77	293.48	541,248.94	2,519,705.04	
3,718.00	2.02	240.55	3,717.58	4.00	-24.81	-21.03	25.13	279.16	541,245.07	2,519,698.36	
3,907.00	2.64	246.88	3,906.42	0.65	-31.72	-23.88	31.72	271.18	541,241.72	2,519,691.45	
4,097.00	2.64	251.27	4,096.22	-2.47	-39.88	-27.81	39.96	266.46	541,238.60	2,519,683.29	
4,287.00	3.08	238.35	4,285.98	-6.55	-48.37	-31.33	48.82	262.29	541,234.52	2,519,674.80	
4,477.00	2.20	222.35	4,475.78	-11.93	-55.18	-32.74	56.45	257.80	541,229.14	2,519,667.99	
4,666.00	1.95	235.41	4,664.66	-16.43	-60.27	-33.46	62.47	254.75	541,224.64	2,519,662.90	
4,856.00	2.81	237.30	4,854.49	-20.78	-66.85	-35.39	70.00	252.73	541,220.29	2,519,656.32	
5,046.00	3.52	231.41	5,044.20	-26.94	-75.33	-37.51	80.00	250.32	541,214.13	2,519,647.84	
5,235.00	4.04	226.31	5,232.79	-35.16	-84.68	-38.88	91.68	247.45	541,205.91	2,519,638.49	
5,424.00	4.04	228.42	5,421.32	-44.17	-94.47	-40.04	104.29	244.94	541,196.90	2,519,628.70	
5,614.00	4.84	233.08	5,610.75	-53.43	-105.88	-42.24	118.60	243.22	541,187.64	2,519,617.29	
5,804.00	3.87	241.16	5,800.20	-61.34	-117.91	-45.80	132.91	242.52	541,179.73	2,519,605.26	
5,994.00	5.01	241.43	5,989.63	-68.40	-130.81	-50.57	147.62	242.40	541,172.67	2,519,592.36	
6,184.00	4.31	240.90	6,179.00	-75.84	-144.34	-55.56	163.05	242.28	541,165.23	2,519,578.83	

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Well:	Lepori 7H	North Reference:	Grid
Wellbore:	Original Wellpath	Survey Calculation Method:	Minimum Curvature
Design:	Original Wellpath	Database:	EDMDB

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
6,373.00	5.45	242.13	6,367.31	-83.49	-158.48	-60.85	179.12	242.22	541,157.58	2,519,564.69
6,563.00	4.04	236.59	6,556.66	-91.39	-172.04	-65.55	194.81	242.02	541,149.68	2,519,551.13
6,753.00	4.75	241.16	6,746.10	-98.87	-184.52	-69.73	209.34	241.82	541,142.20	2,519,538.65
6,942.00	3.69	243.36	6,934.58	-105.37	-196.81	-74.43	223.25	241.83	541,135.70	2,519,526.36
7,132.00	3.08	247.05	7,124.25	-110.11	-206.98	-78.75	234.44	241.99	541,130.96	2,519,516.19
7,322.00	3.52	250.13	7,313.93	-114.08	-217.16	-83.60	245.30	242.29	541,126.99	2,519,506.01
7,512.00	4.13	245.21	7,503.51	-118.93	-228.86	-88.98	257.92	242.54	541,122.14	2,519,494.31
7,701.00	3.34	252.85	7,692.11	-123.41	-240.30	-94.41	270.14	242.82	541,117.66	2,519,482.87
7,891.00	3.17	261.55	7,881.80	-125.81	-250.78	-100.54	280.57	243.36	541,115.26	2,519,472.39
8,080.00	4.66	267.44	8,070.36	-126.92	-263.62	-109.28	292.59	244.29	541,114.15	2,519,459.55
8,270.00	3.52	269.64	8,259.87	-127.30	-277.17	-119.03	305.01	245.33	541,113.77	2,519,446.00
8,460.00	4.57	256.11	8,449.40	-129.16	-290.35	-127.52	317.78	246.02	541,111.91	2,519,432.82
8,649.00	4.48	263.75	8,637.81	-131.77	-305.00	-136.58	332.24	246.63	541,109.30	2,519,418.17
8,839.00	3.25	276.41	8,827.38	-131.98	-317.73	-145.85	344.04	247.44	541,109.09	2,519,405.44
9,029.00	2.99	252.77	9,017.10	-132.84	-327.81	-152.72	353.70	247.94	541,108.23	2,519,395.36
9,219.00	2.90	239.85	9,206.86	-136.72	-336.70	-156.67	363.40	247.90	541,104.35	2,519,386.47
9,409.00	1.85	244.33	9,396.69	-140.47	-343.62	-159.27	371.22	247.77	541,100.60	2,519,379.55
9,599.00	1.93	282.47	9,586.59	-141.10	-349.51	-163.19	376.92	248.01	541,099.97	2,519,373.66
9,789.00	1.93	291.17	9,776.49	-139.26	-355.62	-168.94	381.91	248.61	541,101.81	2,519,367.55
9,979.00	1.85	290.03	9,966.38	-137.05	-361.48	-174.76	386.59	249.24	541,104.02	2,519,361.69
10,168.00	1.76	302.69	10,155.29	-134.44	-366.79	-180.45	390.65	249.87	541,106.63	2,519,356.38
10,358.00	2.20	296.89	10,345.18	-131.21	-372.50	-186.84	394.93	250.59	541,109.86	2,519,350.67
10,548.00	2.81	297.24	10,534.99	-127.43	-379.89	-194.85	400.70	251.46	541,113.64	2,519,343.28
10,738.00	3.17	296.80	10,724.74	-122.93	-388.72	-204.41	407.70	252.45	541,118.14	2,519,334.45
10,796.00	2.90	301.02	10,782.65	-121.45	-391.41	-207.39	409.82	252.76	541,119.62	2,519,331.76
10,892.00	2.90	306.99	10,878.53	-118.74	-395.43	-212.19	412.87	253.29	541,122.33	2,519,327.74
10,987.00	2.99	188.78	10,973.47	-119.74	-397.73	-213.21	415.37	253.24	541,121.33	2,519,325.44

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11,082.00	6.24	178.85	11,068.15	-127.36	-398.00	-208.28	417.89	252.26	541,113.71	2,519,325.17	
11,108.69	9.99	159.10	11,094.57	-130.97	-397.15	-205.22	418.19	251.75	541,110.10	2,519,326.02	
Lep7H TP											
11,176.00	21.02	144.22	11,159.35	-146.27	-387.98	-188.13	414.63	249.34	541,094.80	2,519,335.19	
11,271.00	32.71	143.78	11,243.95	-180.92	-362.76	-146.15	405.37	243.49	541,060.15	2,519,360.41	
11,366.00	36.76	141.23	11,322.01	-223.81	-329.78	-92.88	398.55	235.84	541,017.26	2,519,393.39	
11,461.00	45.29	135.43	11,393.64	-270.13	-288.20	-30.95	395.00	226.85	540,970.94	2,519,434.97	
11,556.00	51.09	131.56	11,456.96	-318.75	-236.79	39.79	397.08	216.61	540,922.32	2,519,486.38	
11,651.00	61.73	130.25	11,509.45	-370.45	-177.03	118.79	410.58	205.54	540,870.62	2,519,546.14	
11,731.42	70.73	132.88	11,541.83	-419.27	-122.07	192.30	436.67	196.23	540,821.80	2,519,601.10	
Lep7H PP											
11,746.00	72.37	133.32	11,546.44	-428.71	-111.97	206.12	443.10	194.64	540,812.36	2,519,611.20	
11,829.07	81.51	137.33	11,565.20	-486.22	-55.19	286.83	489.34	186.48	540,754.85	2,519,667.98	
Lep7H FTP											
11,841.00	82.83	137.89	11,566.83	-494.95	-47.22	298.60	497.20	185.45	540,746.12	2,519,675.95	
11,936.00	84.77	134.46	11,577.09	-563.07	18.17	392.82	563.37	178.15	540,678.00	2,519,741.34	
12,031.00	83.89	130.33	11,586.48	-626.80	87.97	487.33	632.94	172.01	540,614.27	2,519,811.14	
12,126.00	83.98	130.77	11,596.52	-688.21	159.75	581.75	706.51	166.93	540,552.86	2,519,882.92	
12,221.00	86.26	135.61	11,604.60	-752.98	228.73	676.36	786.95	163.10	540,488.09	2,519,951.90	
12,316.00	86.09	133.32	11,610.94	-819.37	296.37	771.08	871.33	160.11	540,421.70	2,520,019.54	
12,411.00	85.30	132.44	11,618.07	-883.83	365.79	865.81	956.54	157.52	540,357.24	2,520,088.96	
12,506.00	85.12	133.15	11,626.00	-948.15	435.26	960.47	1,043.28	155.34	540,292.92	2,520,158.43	
12,601.00	85.65	135.43	11,633.65	-1,014.27	503.03	1,055.10	1,132.16	153.62	540,226.80	2,520,226.20	
12,696.00	84.24	131.65	11,642.02	-1,079.44	571.61	1,149.69	1,221.45	152.10	540,161.63	2,520,294.78	
12,791.00	84.24	131.12	11,651.56	-1,141.93	642.53	1,244.20	1,310.29	150.63	540,099.14	2,520,365.70	
12,886.00	88.29	135.52	11,657.75	-1,206.95	711.46	1,338.94	1,401.03	149.48	540,034.12	2,520,434.63	
12,980.00	85.74	133.15	11,662.64	-1,272.54	778.59	1,432.74	1,491.83	148.54	539,968.53	2,520,501.76	
13,075.00	84.86	132.00	11,670.43	-1,336.60	848.31	1,527.42	1,583.07	147.60	539,904.47	2,520,571.48	

Company:	EOG Resources	Local Co-ordinate Reference:	Well Lepori 7H
Project:	Gonzales County, Texas	TVD Reference:	RKB @ 337.00usft (Patt 221)
Site:	Lepori Unit	MD Reference:	RKB @ 337.00usft (Patt 221)
Well:	Lepori 7H	North Reference:	Grid
Wellbore:	Original Wellpath	Survey Calculation Method:	Minimum Curvature
Design:	Original Wellpath	Database:	EDMDB

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
13,169.00	84.68	131.48	11,679.00	-1,398.92	918.16	1,621.02	1,673.32	146.72	539,842.15	2,520,641.33
13,264.00	84.59	131.74	11,687.88	-1,461.72	988.88	1,715.60	1,764.80	145.92	539,779.35	2,520,712.05
13,359.00	85.74	134.55	11,695.89	-1,526.45	1,057.94	1,810.24	1,857.23	145.28	539,714.62	2,520,781.11
13,454.00	84.86	133.32	11,703.67	-1,592.14	1,126.12	1,904.88	1,950.14	144.73	539,648.93	2,520,849.29
13,549.00	84.06	132.71	11,712.84	-1,656.65	1,195.25	1,999.43	2,042.82	144.19	539,584.42	2,520,918.42
13,644.00	85.82	135.34	11,721.22	-1,722.41	1,263.29	2,094.01	2,136.02	143.74	539,518.66	2,520,986.46
13,739.00	85.30	135.52	11,728.58	-1,789.88	1,329.75	2,188.59	2,229.78	143.39	539,451.19	2,521,052.92
13,834.00	84.94	134.38	11,736.66	-1,856.75	1,396.74	2,283.15	2,323.45	143.05	539,384.32	2,521,119.91
13,929.00	85.82	133.50	11,744.31	-1,922.46	1,464.93	2,377.80	2,416.99	142.69	539,318.61	2,521,188.10
14,024.00	86.35	136.40	11,750.80	-1,989.41	1,531.99	2,472.47	2,510.93	142.40	539,251.66	2,521,255.16
14,119.00	86.26	134.90	11,756.92	-2,057.20	1,598.26	2,567.11	2,605.10	142.16	539,183.87	2,521,321.43
14,214.00	83.98	131.04	11,765.01	-2,121.71	1,667.50	2,661.74	2,698.56	141.84	539,119.36	2,521,390.67
14,309.00	81.78	129.45	11,776.78	-2,182.61	1,739.45	2,755.93	2,790.96	141.45	539,058.46	2,521,462.62
14,404.00	79.40	130.69	11,792.31	-2,242.93	1,811.16	2,849.57	2,882.89	141.08	538,998.14	2,521,534.33
14,499.00	87.32	130.86	11,803.29	-2,304.51	1,882.56	2,943.82	2,975.70	140.75	538,936.56	2,521,605.73
14,594.00	86.88	128.14	11,808.10	-2,364.85	1,955.77	3,038.57	3,068.80	140.41	538,876.22	2,521,678.94
14,689.00	89.08	130.69	11,811.44	-2,425.13	2,029.10	3,133.38	3,162.04	140.08	538,815.94	2,521,752.27
14,784.00	88.81	130.60	11,813.19	-2,487.00	2,101.17	3,228.32	3,255.78	139.81	538,754.07	2,521,824.34
14,879.00	86.09	127.08	11,817.42	-2,546.50	2,175.08	3,323.02	3,348.98	139.50	538,694.57	2,521,898.25
14,974.00	86.70	127.87	11,823.39	-2,604.19	2,250.32	3,417.49	3,441.76	139.17	538,636.88	2,521,973.49
15,069.00	88.46	132.09	11,827.41	-2,665.16	2,323.03	3,512.30	3,535.47	138.92	538,575.91	2,522,046.20
15,164.00	87.76	134.46	11,830.54	-2,730.24	2,392.15	3,607.22	3,629.96	138.78	538,510.83	2,522,115.32
15,259.00	86.79	133.41	11,835.06	-2,796.08	2,460.49	3,702.08	3,724.52	138.65	538,444.99	2,522,183.66
15,353.00	85.30	130.86	11,841.54	-2,858.99	2,530.02	3,795.84	3,817.70	138.49	538,382.08	2,522,253.19
15,448.00	84.86	132.27	11,849.69	-2,921.78	2,600.83	3,890.48	3,911.67	138.33	538,319.29	2,522,324.00
15,542.00	85.03	133.85	11,857.97	-2,985.71	2,669.25	3,984.11	4,004.91	138.20	538,255.36	2,522,392.42
15,637.00	87.67	135.26	11,864.02	-3,052.22	2,736.79	4,078.83	4,099.52	138.12	538,188.85	2,522,459.96

Company:	EOG Resources	Local Co-ordinate Reference:	Well Lepori 7H
Project:	Gonzales County, Texas	TVD Reference:	RKB @ 337.00usft (Patt 221)
Site:	Lepori Unit	MD Reference:	RKB @ 337.00usft (Patt 221)
Well:	Lepori 7H	North Reference:	Grid
Wellbore:	Original Wellpath	Survey Calculation Method:	Minimum Curvature
Design:	Original Wellpath	Database:	EDMDB

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
15,732.00	87.23	134.90	11,868.25	-3,119.42	2,803.81	4,173.63	4,194.30	138.05	538,121.65	2,522,526.98
15,827.00	85.21	130.25	11,874.51	-3,183.54	2,873.59	4,268.39	4,288.64	137.93	538,057.53	2,522,596.76
15,922.00	86.35	129.89	11,881.50	-3,244.52	2,946.09	4,363.06	4,382.51	137.76	537,996.55	2,522,669.26
16,017.00	87.76	131.21	11,886.39	-3,306.20	3,018.17	4,457.88	4,476.64	137.61	537,934.87	2,522,741.34
16,112.00	86.44	129.89	11,891.19	-3,367.88	3,090.26	4,552.71	4,570.81	137.46	537,873.19	2,522,813.43
16,207.00	85.30	130.77	11,898.03	-3,429.20	3,162.49	4,647.40	4,664.85	137.32	537,811.87	2,522,885.66
16,302.00	85.56	131.39	11,905.60	-3,491.43	3,233.88	4,742.07	4,758.99	137.19	537,749.64	2,522,957.05
16,397.00	84.06	129.37	11,914.20	-3,552.72	3,305.94	4,836.62	4,852.94	137.06	537,688.35	2,523,029.11
16,492.00	85.21	132.62	11,923.08	-3,614.76	3,377.32	4,931.16	4,946.99	136.94	537,626.31	2,523,100.49
16,587.00	85.82	134.29	11,930.51	-3,679.89	3,446.06	5,025.85	5,041.53	136.88	537,561.18	2,523,169.23
16,682.00	86.44	135.69	11,936.92	-3,746.90	3,513.10	5,120.53	5,136.26	136.84	537,494.17	2,523,236.27
16,777.00	86.88	138.07	11,942.46	-3,816.12	3,577.92	5,215.07	5,231.09	136.85	537,424.95	2,523,301.09
16,872.00	85.65	136.31	11,948.65	-3,885.66	3,642.33	5,309.52	5,325.88	136.85	537,355.41	2,523,365.50
16,967.00	86.00	137.54	11,955.56	-3,954.87	3,707.04	5,403.97	5,420.62	136.85	537,286.20	2,523,430.21
17,062.00	86.88	133.85	11,961.46	-4,022.71	3,773.26	5,498.61	5,515.40	136.83	537,218.36	2,523,496.43
17,157.00	85.30	129.37	11,967.95	-4,085.64	3,844.10	5,593.35	5,609.77	136.74	537,155.43	2,523,567.27
17,252.00	86.17	131.92	11,975.01	-4,147.34	3,915.97	5,688.04	5,703.97	136.64	537,093.73	2,523,639.14
17,347.00	85.74	131.74	11,981.71	-4,210.54	3,986.58	5,782.79	5,798.40	136.57	537,030.53	2,523,709.75
17,441.00	85.65	133.32	11,988.77	-4,273.90	4,055.66	5,876.53	5,891.91	136.50	536,967.17	2,523,778.83
17,513.39	86.00	134.70	11,994.04	-4,324.06	4,107.58	5,948.69	5,964.03	136.47	536,917.01	2,523,830.75
Lep7H LTP										
17,547.00	86.17	135.34	11,996.33	-4,347.78	4,131.28	5,982.19	5,997.56	136.46	536,893.29	2,523,854.45
SDI MWD										
17,613.03	86.17	135.34	12,000.74	-4,394.64	4,177.59	6,047.98	6,063.43	136.45	536,846.43	2,523,900.76
Lep7H BHL										
17,615.00	86.17	135.34	12,000.87	-4,396.04	4,178.97	6,049.94	6,065.39	136.45	536,845.03	2,523,902.14
Bit Projection										



Company: EOG Resources
Project: Gonzales County, Texas
Site: Lepori Unit
Well: Lepori 7H
Wellbore: Original Wellpath
Design: Original Wellpath

Local Co-ordinate Reference: Well Lepori 7H
TVD Reference: RKB @ 337.00usft (Patt 221)
MD Reference: RKB @ 337.00usft (Patt 221)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDMDB

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
17,547.00	11,996.33	-4,347.78	4,131.28	SDI MWD
17,615.00	12,000.87	-4,396.04	4,178.97	Bit Projection

Checked By: _____ Approved By: _____ Date: _____

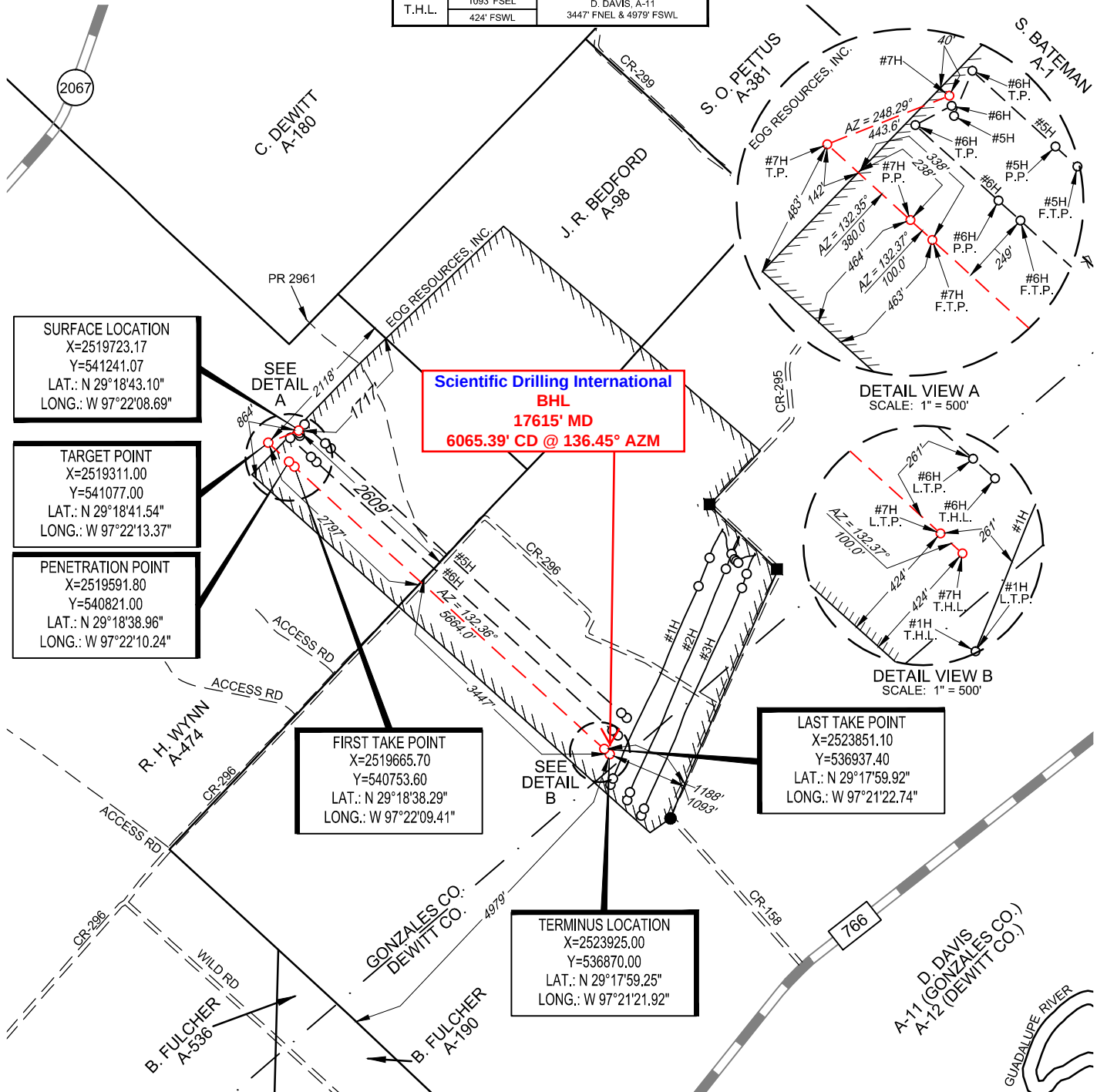
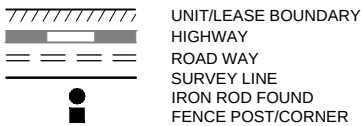


GONZALES COUNTY, TEXAS

UNIT/LEASE SURVEY

S.H.L.	40' FNEL	R. H. WYNN, A-474
	864' FSWL	1717' FNEL & 2609' FSEL
T.P.	142' FNL	R. H. WYNN, A-474
	483' FNWC	2118' FNEL & 2797' FSEL
P.P.	238' FNL	R.H. WYNN, A-474
	464' FSWL	
F.T.P.	338' FNL	R.H. WYNN, A-474
	463' FSWL	
L.T.P.	1188' FSEL	D. DAVIS, A-11
	424' FSWL	
T.H.L.	1093' FSEL	D. DAVIS, A-11
	424' FSWL	3447' FNEL & 4979' FSWL

LEGEND



ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET

ORIGINAL DOCUMENT SIZE: 8.5" X 14"



LEASE NAME & WELL NO.: _____ LEPORI UNIT # 7H

DATE OF SURVEY: _____ MARCH 5, 2015

LOCATED: _____ ±13.0 MILES SOUTHEAST OF COST, TX

GROUND ELEVATION: _____ 312'



CERTIFICATION:

I, PATRICK A. FOX, A REGISTERED PROFESSIONAL LAND SURVEYOR, AND AN AUTHORIZED AGENT OF TOPOGRAPHIC LAND SURVEYORS, DO HEREBY CERTIFY THAT THE ABOVE DESCRIBED "PRE-CONSTRUCTION" PROPOSED WELL LOCATION WAS SURVEYED AND STAKED ON THE GROUND AS SHOWN HEREIN.

Patrick A. Fox

FILE NAME LO_LEPORIUNIT_7H
R.M.

TEXAS REG. NO. _____ 5069

RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

PERMIT NUMBER 804759	DATE PERMIT ISSUED OR AMENDED 03/23/2015	DISTRICT 01
API NUMBER 42-177-33602	FORM W-1 RECEIVED 03/18/2015	COUNTY GONZALES
TYPE OF OPERATION New Drill	WELLBORE PROFILE(S) Horizontal	ACRES 689.91
OPERATOR EOG RESOURCES, INC. ATTN PATRICK MENDOZA 19100 RIDGEWAY PKWY BLDG 2 SAN ANTONIO, TX 78259-0000		NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. District Office Telephone No: (210) 227-1313
LEASE NAME LEPORI UNIT		WELL NUMBER 7H
LOCATION 13.0 miles SE direction from COST		TOTAL DEPTH 13000
Section, Block and/or Survey SECTION SURVEY WYNN, R H		
BLOCK ABSTRACT 474		
DISTANCE TO SURVEY LINES 1717.0 ft NE 2609.0 ft SE		DISTANCE TO NEAREST LEASE LINE 338.0
DISTANCE TO LEASE LINES 40.0 ft NE 864.0 ft SW		DISTANCE TO NEAREST WELL ON LEASE See FIELD(s) Below

FIELD(s) and LIMITATIONS:

* SEE FIELD DISTRICT FOR REPORTING PURPOSES *

FIELD NAME	ACRES	DEPTH	WELL#	DIST
LEASE NAME	NEAREST LEASE		NEAREST WELL	
EAGLEVILLE (EAGLE FORD-1)	689.91	13000	7H	01
LEPORI UNIT	338.0		261.0	
WELLBORE PROFILE(s) FOR FIELD: Horizontal				

Terminus Point: TH1 Section: Block: Abstract: 11 Survey: DAVIS, D BH County: GONZALES

Lease Lines: 1093.0 ft SE 424.0 ft SW

Survey Lines: 3447.0 ft NE 4979.0 ft SW

Penetration Lines: 238.0 ft N 464.0 ft SW

This is a hydrogen sulfide field. This well shall be drilled in accordance with SWR 36.

Permitted for oil only.

THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS

This well shall be completed and produced in compliance with applicable special field or statewide spacing and density rules. If this well is to be used for brine mining, underground storage of liquid hydrocarbons in salt formations, or underground storage of gas in salt formations, a permit for that specific purpose must be obtained from Environmental Services prior to construction, including drilling, of the well in accordance with Statewide Rules 81, 95, and 97.

This well must comply to the new SWR 3.13 requirements concerning the isolation of any potential flow zones and zones with corrosive

formation fluids. See approved permit for those formations that have been identified for the county in which you are drilling the well in.

Railroad Commission of Texas
Oil and Gas Division
SWR #13 Formation Data
GONZALES (177) COUNTY

Formation	Shallow Top	Deep Top	Remarks	Geological Order	Effective Date
REKLAW	1860	1860		1	01/01/2014
CARRIZO	1390	1390		2	01/01/2014
WILCOX	2170	7350	disposal	3	01/01/2014
NAVARRO	5920	8350		4	01/01/2014
AUSTIN CHALK	6160	10910	H2S	5	01/01/2014
EAGLE FORD	5970	12230	H2S	6	01/01/2014
BUDA	4440	9920	H2S, disposal	7	01/01/2014
EDWARDS	9310	12580	H2S	8	01/01/2014

The above list may not be all inclusive, and may also include formations that do not intersect all wellbores. Formation "TOP" information listed reflects an estimated range based on geologic variances across the county. To clarify, the "Deep Top" is not the bottom of the formation; it is the deepest depth at which the "TOP" of the formation has been or might be encountered. This is a dynamic list subject to updates and revisions. It is the operator's responsibility to make sure that at the time of spudding the well the most current list is being referenced. Refer to the RRC website at the following address for the most recent information. <http://www.rrc.state.tx.us/oil-gas/compliance-enforcement/rule-13-geologic-formation-info>