



A Schlumberger Company

EOG Resources, Inc.

Eddy County

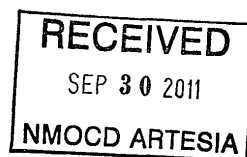
Sand Tank "17" Fed. Com

#3H

OH

30-015-39168

Design: OH



Pathfinder X & Y Report

28 September, 2011



A Schlumberger Company



A Schlumberger Company

Pathfinder
Pathfinder X & Y Report



A Schlumberger Company

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #3H
Project:	Eddy County	TVD Reference:	KB=19' @ 3484.1usft (McVay #4)
Site:	Sand Tank "17" Fed. Com.	MD Reference:	KB=19' @ 3484.1usft (McVay #4)
Well:	#3H	North Reference:	Grid:
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User.Db

Project Eddy County			
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 Sand Tank "17" Fed. Com					
Site Position:		Northing:	637,852.200 usft	Latitude:	32° 45' 11.112 N
From:	Map	Easting:	604,691.600 usft	Longitude:	103° 59' 34.083 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.18 °

Well:	#3H					
Well Position	+N/-S	0.0 usft	Northing:	636,432.200 usft	Latitude:	32° 44' 57.058 N
	+E/-W	0.0 usft	Easting:	604,771.700 usft	Longitude:	103° 59' 33.199 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	usft	Ground Level:	3,465.1 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	3/31/2011	7.83	60.63	48,942

Design:	OH				
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	89.98	

Company: EOG Resources, Inc.
Project: Eddy County
Site: Sand Tank "17" Fed. Com.
Well: #3H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #3H
TVD Reference: KB=19' @ 3484.1usft (McVay #4)
MD Reference: KB=19' @ 3484.1usft (McVay #4)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey Program		Date	9/28/2011		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	3,271.0	Survey #1 - Gyro (OH)	CB-GYRO-MS	Camera based gyro multishot	
3,374.0	8,250.0	Survey #2 - MWD (OH)	MWD	MWD - Standard	
3,374.0	12,270.0	Survey #3 - MWD (OH)	MWD	MWD - Standard	

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	-3,484.1	0.0	0.0	0.0	0.00	636,432.20	604,771.70
100.0	0.50	32.09	100.0	-3,384.1	0.4	0.2	0.2	0.50	636,432.57	604,771.93
200.0	1.00	0.51	200.0	-3,284.1	1.6	0.5	0.5	0.63	636,433.81	604,772.17
300.0	1.50	350.93	300.0	-3,184.1	3.8	0.3	0.3	0.54	636,435.98	604,771.97
400.0	1.25	348.35	399.9	-3,084.2	6.1	-0.2	-0.2	0.26	636,438.34	604,771.55
500.0	1.25	349.77	499.9	-2,984.2	8.3	-0.6	-0.6	0.03	636,440.48	604,771.13
600.0	1.00	349.20	599.9	-2,884.2	10.2	-0.9	-0.9	0.25	636,442.41	604,770.78
700.0	0.50	26.62	699.9	-2,784.2	11.5	-0.9	-0.9	0.68	636,443.66	604,770.81
800.0	0.75	359.04	799.9	-2,684.2	12.5	-0.7	-0.7	0.38	636,444.70	604,770.99
900.0	0.50	6.47	899.9	-2,584.2	13.6	-0.7	-0.7	0.26	636,445.79	604,771.03
1,000.0	1.00	22.89	999.9	-2,484.2	14.8	-0.3	-0.3	0.54	636,447.03	604,771.42
1,100.0	1.50	35.42	1,099.8	-2,384.3	16.7	0.8	0.8	0.57	636,448.90	604,772.52
1,200.0	1.25	32.84	1,199.8	-2,284.3	18.7	2.2	2.2	0.26	636,450.88	604,773.87
1,300.0	1.00	28.27	1,299.8	-2,184.3	20.4	3.2	3.2	0.27	636,452.57	604,774.87
1,400.0	0.75	5.69	1,399.8	-2,084.3	21.8	3.6	3.7	0.42	636,453.99	604,775.35
1,500.0	0.75	355.11	1,499.8	-1,984.3	23.1	3.7	3.7	0.14	636,455.29	604,775.36
1,600.0	0.50	319.54	1,599.8	-1,884.3	24.1	3.3	3.3	0.45	636,456.27	604,775.02
1,700.0	0.50	306.96	1,699.8	-1,784.3	24.7	2.7	2.7	0.11	636,456.87	604,774.39
1,800.0	0.50	311.38	1,799.8	-1,684.3	25.2	2.0	2.0	0.04	636,457.42	604,773.71
1,900.0	0.50	299.80	1,899.8	-1,584.3	25.7	1.3	1.3	0.10	636,457.92	604,773.01

Company: EOG Resources, Inc.
Project: Eddy County
Site: Sand Tank "17" Fed. Com
Well: #3H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #3H
TVD Reference: KB=19' @ 3484.1usft (McVay #4)
MD Reference: KB=19' @ 3484.1usft (McVay #4)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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)	DLog (°/100usft)	Northing (usft)	Easting (usft)	
2,000.0	0.50	291.23	1,999.8	-1,484.3	26.1	0.5	0.5	0.07	636,458.30	604,772.22	
2,100.0	0.75	301.65	2,099.7	-1,384.4	26.6	-0.4	-0.4	0.27	636,458.80	604,771.26	
2,200.0	1.00	296.07	2,199.7	-1,284.4	27.3	-1.8	-1.8	0.26	636,459.53	604,769.92	
2,300.0	1.25	297.50	2,299.7	-1,184.4	28.2	-3.5	-3.5	0.25	636,460.41	604,768.16	
2,400.0	1.25	299.92	2,399.7	-1,084.4	29.3	-5.4	-5.4	0.05	636,461.46	604,766.25	
2,500.0	1.25	301.34	2,499.7	-984.4	30.4	-7.3	-7.3	0.03	636,462.57	604,764.37	
2,600.0	1.25	296.77	2,599.6	-884.5	31.4	-9.2	-9.2	0.10	636,463.63	604,762.47	
2,700.0	1.50	315.18	2,699.6	-784.5	32.9	-11.1	-11.1	0.50	636,465.05	604,760.57	
2,800.0	1.50	293.61	2,799.6	-684.5	34.3	-13.2	-13.2	0.56	636,466.50	604,758.45	
2,900.0	1.25	299.03	2,899.6	-584.5	35.4	-15.4	-15.4	0.28	636,467.56	604,756.30	
3,000.0	1.25	292.46	2,999.5	-484.6	36.3	-17.4	-17.4	0.14	636,468.50	604,754.34	
3,100.0	1.25	301.88	3,099.5	-384.6	37.3	-19.3	-19.3	0.21	636,469.50	604,752.40	
3,200.0	1.00	307.30	3,199.5	-284.6	38.4	-20.9	-20.9	0.27	636,470.60	604,750.78	
3,271.0	1.25	282.15	3,270.5	-213.6	38.9	-22.2	-22.2	0.77	636,471.14	604,749.53	
3,374.0	2.20	315.33	3,373.4	-110.7	40.6	-24.7	-24.6	1.30	636,472.78	604,747.04	
3,469.0	1.49	342.31	3,468.4	-15.7	43.1	-26.3	-26.3	1.16	636,475.26	604,745.39	
3,533.0	0.35	69.23	3,532.4	48.3	43.9	-26.4	-26.4	2.36	636,476.12	604,745.32	
3,628.0	0.53	93.75	3,627.4	143.3	44.0	-25.7	-25.7	0.27	636,476.19	604,746.03	
3,723.0	0.18	57.01	3,722.4	238.3	44.0	-25.1	-25.1	0.42	636,476.24	604,746.59	
3,819.0	0.44	254.86	3,818.4	334.3	44.0	-25.3	-25.3	0.64	636,476.23	604,746.36	
3,914.0	1.06	94.98	3,913.4	429.3	43.9	-24.8	-24.8	1.56	636,476.06	604,746.88	
4,009.0	1.23	81.01	4,008.3	524.2	43.9	-22.9	-22.9	0.34	636,476.14	604,748.77	
4,105.0	0.97	91.47	4,104.3	620.2	44.1	-21.1	-21.1	0.34	636,476.28	604,750.60	
4,200.0	0.88	80.66	4,199.3	715.2	44.2	-19.6	-19.6	0.21	636,476.38	604,752.12	
4,295.0	0.88	86.37	4,294.3	810.2	44.3	-18.1	-18.1	0.09	636,476.54	604,753.57	
4,390.0	1.06	74.24	4,389.3	905.2	44.6	-16.6	-16.5	0.29	636,476.83	604,755.14	
4,485.0	1.06	76.61	4,484.3	1,000.2	45.1	-14.9	-14.8	0.05	636,477.27	604,756.84	

Company: EOG Resources, Inc.
Project: Eddy County
Site: Sand Tank "17" Fed. Com
Well: #3H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #3H
TVD Reference: KB=19' @ 3484.1usft (McVay #4)
MD Reference: KB=19' @ 3484.1usft (McVay #4)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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 (°/100usft)	Northing (usft)	Easting (usft)
4,581.0	1.06	53.06	4,580.3	1,096.2	45.8	-13.3	-13.3	0.45	636,478.01	604,758.42
4,676.0	1.32	153.87	4,675.2	1,191.1	45.4	-12.1	-12.1	1.94	636,477.56	604,759.60
4,771.0	1.14	157.47	4,770.2	1,286.1	43.5	-11.3	-11.2	0.21	636,475.70	604,760.44
4,866.0	0.79	168.64	4,865.2	1,381.1	42.0	-10.8	-10.8	0.42	636,474.19	604,760.93
4,962.0	1.23	145.52	4,961.2	1,477.1	40.5	-10.1	-10.0	0.62	636,472.69	604,761.65
5,057.0	0.97	139.19	5,056.2	1,572.1	39.0	-8.9	-8.9	0.30	636,471.24	604,762.75
5,152.0	0.62	109.40	5,151.2	1,667.1	38.3	-7.9	-7.9	0.56	636,470.46	604,763.76
5,216.0	0.70	147.19	5,215.2	1,731.1	37.8	-7.4	-7.4	0.68	636,470.02	604,764.30
5,311.0	0.53	172.41	5,310.2	1,826.1	36.9	-7.0	-7.0	0.33	636,469.09	604,764.67
5,407.0	0.26	256.09	5,406.2	1,922.1	36.4	-7.2	-7.2	0.59	636,468.60	604,764.52
5,489.0	0.35	270.06	5,488.2	2,004.1	36.4	-7.6	-7.6	0.14	636,468.56	604,764.09
5,585.0	1.49	153.78	5,584.1	2,100.0	35.2	-7.4	-7.3	1.74	636,467.44	604,764.35
5,680.0	1.49	156.07	5,679.1	2,195.0	33.0	-6.3	-6.3	0.06	636,465.20	604,765.39
5,775.0	1.49	153.87	5,774.1	2,290.0	30.8	-5.3	-5.3	0.06	636,462.96	604,766.44
5,871.0	1.23	144.90	5,870.1	2,386.0	28.8	-4.1	-4.1	0.35	636,461.00	604,767.58
5,966.0	1.23	131.02	5,965.0	2,480.9	27.3	-2.8	-2.8	0.31	636,459.49	604,768.94
6,061.0	1.14	141.04	6,060.0	2,575.9	25.9	-1.4	-1.4	0.24	636,458.09	604,770.30
6,156.0	1.23	128.21	6,155.0	2,670.9	24.5	0.0	0.0	0.29	636,456.72	604,771.69
6,252.0	1.32	135.50	6,251.0	2,766.9	23.1	1.6	1.6	0.19	636,455.30	604,773.28
6,347.0	1.32	136.38	6,345.9	2,861.8	21.5	3.1	3.1	0.02	636,453.73	604,774.80
6,442.0	0.53	117.31	6,440.9	2,956.8	20.5	4.2	4.3	0.88	636,452.73	604,775.95
6,537.0	0.35	70.37	6,535.9	3,051.8	20.4	4.9	4.9	0.41	636,452.63	604,776.61
6,632.0	0.62	18.96	6,630.9	3,146.8	21.0	5.4	5.4	0.51	636,453.21	604,777.05
6,757.0	0.97	342.13	6,755.9	3,271.8	22.7	5.2	5.3	0.48	636,454.86	604,776.95
6,851.0	0.88	215.04	6,849.9	3,365.8	22.8	4.6	4.6	1.76	636,455.02	604,776.29
6,945.0	1.06	207.22	6,943.9	3,459.8	21.5	3.8	3.8	0.24	636,453.66	604,775.47
7,038.0	1.41	184.02	7,036.9	3,552.8	19.6	3.3	3.3	0.65	636,451.75	604,775.00

Company: EOG Resources, Inc.
Project: Eddy County
Site: Sand Tank "17" Fed. Com
Well: #3H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #3H
TVD Reference: KB=19' @ 3484.1usft (McVay #4)
MD Reference: KB=19' @ 3484.1usft (McVay #4)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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)
7,101.0	1.41	187.18	7,099.9	3,615.8	18.0	3.2	3.2	0.12	636,450.21	604,774.85
7,193.0	1.14	173.56	7,191.8	3,707.7	16.0	3.1	3.1	0.44	636,448.18	604,774.81
7,287.0	1.32	154.05	7,285.8	3,801.7	14.1	3.7	3.7	0.48	636,446.28	604,775.39
7,381.0	1.06	143.50	7,379.8	3,895.7	12.4	4.7	4.7	0.36	636,444.60	604,776.38
7,474.0	0.88	127.68	7,472.8	3,988.7	11.3	5.8	5.8	0.35	636,443.48	604,777.46
7,523.0	1.06	111.60	7,521.8	4,037.7	10.9	6.5	6.5	0.66	636,443.08	604,778.18
7,554.0	2.11	96.92	7,552.8	4,068.7	10.7	7.3	7.3	3.60	636,442.90	604,779.01
7,586.0	5.72	93.58	7,584.7	4,100.6	10.5	9.5	9.5	11.30	636,442.73	604,781.19
7,617.0	9.32	89.89	7,615.4	4,131.3	10.4	13.5	13.5	11.71	636,442.64	604,785.24
7,648.0	13.63	85.23	7,645.8	4,161.7	10.8	19.7	19.7	14.21	636,442.95	604,791.39
7,679.0	17.50	84.08	7,675.6	4,191.5	11.5	28.0	28.0	12.52	636,443.74	604,799.67
7,710.0	21.19	86.02	7,704.9	4,220.8	12.4	38.2	38.2	12.08	636,444.61	604,809.90
7,741.0	24.01	86.37	7,733.5	4,249.4	13.2	50.1	50.1	9.11	636,445.39	604,821.79
7,771.0	27.44	86.81	7,760.5	4,276.4	14.0	63.1	63.1	11.45	636,446.17	604,834.78
7,802.0	31.13	86.90	7,787.6	4,303.5	14.8	78.2	78.2	11.90	636,447.00	604,849.92
7,834.0	35.00	86.63	7,814.4	4,330.3	15.8	95.7	95.7	12.10	636,447.98	604,867.35
7,864.0	37.90	86.81	7,838.5	4,354.4	16.8	113.4	113.4	9.67	636,449.00	604,885.14
7,896.0	40.98	87.34	7,863.2	4,379.1	17.8	133.7	133.7	9.68	636,450.04	604,905.44
7,927.0	44.49	88.48	7,886.0	4,401.9	18.6	154.8	154.8	11.59	636,450.80	604,926.46
7,959.0	48.19	87.95	7,908.1	4,424.0	19.3	177.9	177.9	11.62	636,451.52	604,949.60
7,990.0	51.88	87.86	7,928.0	4,443.9	20.2	201.6	201.6	11.91	636,452.39	604,973.34
8,021.0	55.13	88.66	7,946.4	4,462.3	20.9	226.5	226.5	10.69	636,453.14	604,998.24
8,052.0	59.44	90.06	7,963.2	4,479.1	21.2	252.6	252.6	14.41	636,453.43	605,024.32
8,084.0	63.75	92.17	7,978.4	4,494.3	20.7	280.7	280.8	14.66	636,452.87	605,052.45
8,115.0	67.36	93.31	7,991.2	4,507.1	19.3	308.9	308.9	12.12	636,451.52	605,080.63
8,128.0	68.15	94.63	7,996.1	4,512.0	18.5	320.9	320.9	11.19	636,450.68	605,092.64
8,159.0	71.14	94.54	8,006.9	4,522.8	16.2	349.9	349.9	9.65	636,448.36	605,121.60

Company: EOG Resources, Inc.
Project: Eddy County
Site: Sand Tank "17" Fed. Com.
Well: #3H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #3H
TVD Reference: KB=19' @ 3484.1usft (McVay #4)
MD Reference: KB=19' @ 3484.1usft (McVay #4)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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)	DLog (°/100usft)	Northing (usft)	Easting (usft)	
8,190.0	74.22	93.40	8,016.1	4,532.0	14.1	379.4	379.4	10.54	636,446.31	605,151.12	
8,221.0	77.91	92.87	8,023.6	4,539.5	12.5	409.5	409.5	12.02	636,444.67	605,181.16	
8,252.0	80.64	92.17	8,029.4	4,545.3	11.1	439.9	439.9	9.08	636,443.33	605,211.59	
8,283.0	82.57	91.47	8,033.9	4,549.8	10.2	470.5	470.5	6.61	636,442.36	605,242.24	
8,314.0	82.75	91.03	8,037.9	4,553.8	9.5	501.3	501.3	1.52	636,441.69	605,272.98	
8,346.0	84.94	90.41	8,041.3	4,557.2	9.1	533.1	533.1	7.11	636,441.29	605,304.79	
8,376.0	86.53	90.50	8,043.5	4,559.4	8.8	563.0	563.0	5.31	636,441.05	605,334.70	
8,407.0	88.55	89.27	8,044.8	4,560.7	8.9	594.0	594.0	7.63	636,441.11	605,365.67	
8,471.0	89.08	89.45	8,046.2	4,562.1	9.6	658.0	658.0	0.87	636,441.83	605,429.65	
8,565.0	88.46	88.83	8,048.2	4,564.1	11.0	751.9	751.9	0.93	636,443.24	605,523.62	
8,659.0	88.29	88.74	8,050.9	4,566.8	13.0	845.9	845.9	0.20	636,445.23	605,617.56	
8,753.0	87.85	89.09	8,054.0	4,569.9	14.8	939.8	939.8	0.60	636,447.01	605,711.49	
8,846.0	87.41	91.91	8,057.9	4,573.8	14.0	1,032.7	1,032.7	3.07	636,446.20	605,804.40	
8,939.0	88.02	92.35	8,061.6	4,577.5	10.5	1,125.6	1,125.6	0.81	636,442.74	605,897.26	
9,032.0	88.20	93.23	8,064.6	4,580.5	6.0	1,218.4	1,218.4	0.97	636,438.22	605,990.10	
9,126.0	87.76	91.03	8,068.0	4,583.9	2.5	1,312.3	1,312.3	2.39	636,434.73	606,083.97	
9,219.0	88.99	90.30	8,070.6	4,586.5	1.4	1,405.2	1,405.2	1.54	636,433.65	606,176.92	
9,313.0	89.25	90.85	8,072.0	4,587.9	0.5	1,499.2	1,499.2	0.65	636,432.71	606,270.90	
9,407.0	89.52	90.24	8,073.0	4,588.9	-0.4	1,593.2	1,593.2	0.71	636,431.81	606,364.89	
9,499.0	89.52	89.89	8,073.8	4,589.7	-0.5	1,685.2	1,685.2	0.38	636,431.71	606,456.89	
9,592.0	90.22	89.89	8,074.0	4,589.9	-0.3	1,778.2	1,778.2	0.75	636,431.89	606,549.89	
9,686.0	88.72	90.06	8,074.9	4,590.8	-0.3	1,872.2	1,872.2	1.61	636,431.93	606,643.88	
9,779.0	89.16	90.50	8,076.6	4,592.5	-0.7	1,965.2	1,965.2	0.67	636,431.47	606,736.87	
9,873.0	89.78	91.38	8,077.5	4,593.4	-2.3	2,059.1	2,059.1	1.15	636,429.93	606,830.85	
9,966.0	89.34	90.33	8,078.2	4,594.1	-3.7	2,152.1	2,152.1	1.22	636,428.54	606,923.83	
10,060.0	87.14	88.74	8,081.1	4,597.0	-2.9	2,246.1	2,246.1	2.89	636,429.30	607,017.78	
10,153.0	87.49	87.95	8,085.4	4,601.3	-0.2	2,338.9	2,338.9	0.93	636,431.99	607,110.64	

Company: EOG Resources, Inc.
Project: Eddy County
Site: Sand Tank "17" Fed. Com.
Well: #3H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #3H
TVD Reference: KB=19' @ 3484.1usft (McVay #4)
MD Reference: KB=19' @ 3484.1usft (McVay #4)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
10,247.0	87.32	87.42	8,089.7	4,605.6	3.6	2,432.8	2,432.8	0.59	636,435.78	607,204.46	
10,340.0	88.64	87.25	8,093.0	4,608.9	7.9	2,525.6	2,525.6	1.43	636,440.10	607,297.30	
10,434.0	88.11	87.07	8,095.6	4,611.5	12.6	2,619.4	2,619.5	0.60	636,444.76	607,391.15	
10,532.0	89.08	86.44	8,098.0	4,613.9	18.1	2,717.3	2,717.3	1.18	636,450.30	607,488.96	
10,626.0	89.16	86.74	8,099.5	4,615.4	23.7	2,811.1	2,811.1	0.33	636,455.89	607,582.78	
10,719.0	89.69	88.48	8,100.4	4,616.3	27.6	2,904.0	2,904.0	1.96	636,459.77	607,675.69	
10,812.0	87.05	90.34	8,103.1	4,619.0	28.5	2,996.9	2,996.9	3.47	636,460.73	607,768.64	
10,875.0	85.74	90.05	8,107.0	4,622.9	28.3	3,059.8	3,059.8	2.13	636,460.52	607,831.51	
10,968.0	86.79	89.93	8,113.1	4,629.0	28.3	3,152.6	3,152.6	1.14	636,460.53	607,924.31	
11,031.0	87.14	91.29	8,116.4	4,632.3	27.7	3,215.5	3,215.5	2.23	636,459.86	607,987.22	
11,125.0	87.76	91.82	8,120.6	4,636.5	25.1	3,309.4	3,309.4	0.87	636,457.31	608,081.09	
11,218.0	86.97	91.29	8,124.9	4,640.8	22.6	3,402.3	3,402.3	1.02	636,454.79	608,173.96	
11,311.0	86.53	91.56	8,130.2	4,646.1	20.3	3,495.1	3,495.1	0.55	636,452.48	608,266.78	
11,405.0	86.44	91.12	8,135.9	4,651.8	18.1	3,588.9	3,588.9	0.48	636,450.29	608,360.58	
11,500.0	85.82	91.29	8,142.3	4,658.2	16.1	3,683.6	3,683.6	0.68	636,448.30	608,455.34	
11,595.0	84.94	91.38	8,150.0	4,665.9	13.9	3,778.3	3,778.3	0.93	636,446.09	608,550.00	
11,689.0	85.21	92.26	8,158.0	4,673.9	10.9	3,871.9	3,871.9	0.98	636,443.12	608,643.61	
11,720.0	85.21	92.08	8,160.6	4,676.5	9.7	3,902.8	3,902.8	0.58	636,441.95	608,674.48	
11,815.0	85.38	92.56	8,168.4	4,684.3	5.9	3,997.4	3,997.4	0.53	636,438.11	608,769.08	
11,910.0	86.17	92.96	8,175.4	4,691.3	1.4	4,092.0	4,092.0	0.93	636,433.55	608,863.71	
12,003.0	85.65	92.96	8,182.1	4,698.0	-3.4	4,184.6	4,184.6	0.56	636,428.76	608,956.35	
12,097.0	85.21	92.96	8,189.6	4,705.5	-8.3	4,278.2	4,278.2	0.47	636,423.92	609,049.92	
12,190.0	84.94	92.52	8,197.5	4,713.4	-12.7	4,370.8	4,370.8	0.55	636,419.49	609,142.47	
12,270.0	84.94	92.52	8,204.6	4,720.5	-16.2	4,450.4	4,450.4	0.00	636,415.99	609,222.09	

Company: EOG Resources, Inc.
Project: Eddy County
Site: Sand Tank "17" Fed. Com
Well: #3H
Wellbore: OH
Design: OH

Local Co-ordinate Reference:
TVD Reference: KB=19' @ 3484.1usft (McVay #4)
MD Reference: KB=19' @ 3484.1usft (McVay #4)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Well #3H

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
7,554.0	7,552.8	10.7	7.3	KOP - 7554.0 'MD, 7552.8 'TVD, 10.7 'N, 7.3 'E
9,313.0	8,072.0	0.5	1,499.2	LP - 9313.0 'MD, 8072.0 'TVD, 0.5 'N, 1499.2 'E
12,270.0	8,204.6	-16.2	4,450.4	BHL - 12270.0 'MD, 8204.6 'TVD, -16.2 'N, 4450.4 'E

Checked By: _____ Approved By: _____ Date: _____