

Results of Directional Survey

API number:	30-025-41418		
OGRID:		Operator:	EOG RESOURCES INC
		Property:	FALCON 25 FEDERAL # 2H

surface	ULSTR:	M	25	T	24S	R	33E
				250	FSL	1050	FWL

BH Loc	ULSTR:	C	25	T	24S	R	33E
14514	MD	9729.5	TVD	228	FNL	1701	FWL
				5052	FSL		

Top Perf/OH	ULSTR:	M	25	T	24S	R	33E
9884	MD	9690.1	TVD	429	FSL	1712	FWL

Bot Perf/OH	ULSTR:	C	25	T	24S	R	33E
14399	MD	9727.7	TVD	343	FNL	1702	FWL
				4937	FSL		

	MD	N/S	E/W	VD
	9870	165.79	660.61	9685.93
TOP PERFS/OH	9884	179.13	661.51	9690.07
	9902	196.28	662.66	9695.39
	14357	4644.89	652.40	9726.74
BOT PERFS/OH	14399	4686.88	652.03	9727.69
	14452	4739.86	651.57	9728.90

NEXT TO LAST	14467	4754.86	651.37	9729.08
LAST READING	14514	4801.85	650.72	9729.49
TD	14514	4801.85	650.72	9729.49

Surface Location	250	FS	1050	FW
Projected BHL	5052	FS	1701	FW
Location of				
Top Perfs/OH	429	FS	1712	FW
Bottom Perfs/OH	4937	FS	1702	FW

SUMMARY of Subsurface Locations

Surface Location	M-25-24S-33E	250	FS	1050	FW	Vert. Depth
Top Perfs/OH	M-25-24S-33E	429	FS	1712	FW	9690.07
Bottom Perfs/OH	C-25-24S-33E	4937	FS	1702	FW	9727.69
Projected TD	C-25-24S-33E	5052	FS	1701	FW	9729.49

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EOG Resources
Falcon 25 #2H - Survey #1Lea County, NM
Falcon 25 Fed #2H
Your Ref:

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Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.000	0.000	0.00	0.00	0.00	0.00	0.00
162.00	0.800	125.800	161.99	-0.66	0.92	-0.54	0.49
224.00	0.700	125.800	223.99	-1.14	1.58	-0.93	0.16
287.00	0.900	120.900	286.98	-1.62	2.31	-1.31	0.34
349.00	0.800	129.300	348.98	-2.14	3.06	-1.74	0.26
414.00	0.600	123.700	413.97	-2.62	3.70	-2.13	0.32
506.00	0.800	123.700	505.96	-3.24	4.63	-2.63	0.22
599.00	0.700	131.120	598.96	-3.97	5.60	-3.24	0.15
691.00	0.700	108.300	690.95	-4.52	6.56	-3.66	0.30
783.00	0.700	121.000	782.94	-4.99	7.57	-3.99	0.17
875.00	0.600	106.200	874.94	-5.41	8.52	-4.30	0.21
968.00	0.600	114.200	967.93	-5.74	9.43	-4.52	0.09
1060.00	0.600	126.400	1059.93	-6.23	10.26	-4.89	0.14
1152.00	0.700	105.700	1151.92	-6.67	11.19	-5.21	0.28
1244.00	0.900	106.800	1243.91	-7.03	12.42	-5.41	0.22
1291.00	1.100	106.800	1290.91	-7.26	13.20	-5.55	0.43
1438.00	0.800	116.000	1437.88	-8.12	15.48	-6.11	0.23
1533.00	1.000	104.700	1532.87	-8.62	16.88	-6.44	0.28
1628.00	1.000	101.200	1627.86	-8.99	18.49	-6.60	0.06
1722.00	1.100	99.400	1721.84	-9.30	20.19	-6.69	0.11
1817.00	1.900	99.400	1816.81	-9.71	22.64	-6.79	0.84
1912.00	2.000	101.300	1911.75	-10.29	25.82	-6.97	0.13
2007.00	1.900	98.700	2006.70	-10.85	29.00	-7.12	0.14
2102.00	1.800	93.500	2101.65	-11.18	32.05	-7.07	0.21
2197.00	2.200	110.000	2196.59	-11.90	35.25	-7.38	0.73
2291.00	2.400	114.400	2290.52	-13.33	38.74	-8.36	0.28
2386.00	2.400	109.000	2385.43	-14.80	42.43	-9.35	0.24
2575.00	2.300	108.100	2574.28	-17.26	49.78	-10.88	0.06
2670.00	2.200	105.100	2669.20	-18.33	53.35	-11.49	0.16
2765.00	2.300	100.900	2764.13	-19.16	56.98	-11.86	0.20
2860.00	2.300	99.700	2859.05	-19.85	60.73	-12.06	0.05
2955.00	2.200	99.800	2953.98	-20.48	64.41	-12.23	0.11
3049.00	2.300	98.500	3047.91	-21.06	68.05	-12.35	0.12

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3144.00	2.200	95.300	3142.83	-21.51	71.75	-12.34	0.17
3239.00	2.600	101.600	3237.75	-22.12	75.68	-12.44	0.50
3334.00	2.500	119.900	3332.66	-23.58	79.58	-13.40	0.86
3429.00	1.000	138.200	3427.61	-25.23	81.93	-14.75	1.67
3524.00	0.800	131.600	3522.60	-26.29	82.98	-15.66	0.24
3618.00	1.000	119.600	3616.59	-27.13	84.19	-16.35	0.29
3713.00	1.500	95.800	3711.57	-27.67	86.14	-16.63	0.75
3808.00	1.700	91.800	3806.53	-27.84	88.79	-16.47	0.24
3903.00	1.500	90.800	3901.49	-27.90	91.44	-16.20	0.21
4000.00	1.400	89.400	3998.46	-27.90	93.90	-15.89	0.11
4094.00	2.300	95.500	4092.41	-28.07	96.92	-15.68	0.98
4189.00	2.300	96.100	4187.33	-28.46	100.71	-15.59	0.03
4284.00	2.300	97.900	4282.26	-28.92	104.50	-15.57	0.08
4379.00	2.500	99.800	4377.17	-29.54	108.43	-15.69	0.23
4473.00	2.500	101.100	4471.08	-30.28	112.46	-15.92	0.06
4568.00	2.500	105.600	4565.99	-31.24	116.49	-16.36	0.21
4663.00	2.200	106.600	4660.91	-32.31	120.23	-16.96	0.32
4758.00	2.200	106.600	4755.84	-33.36	123.73	-17.56	0.00
4853.00	2.400	111.200	4850.77	-34.60	127.33	-18.34	0.29
4948.00	2.600	115.000	4945.68	-36.23	131.14	-19.48	0.27
5042.00	1.700	112.600	5039.61	-37.66	134.36	-20.50	0.96
5123.00	1.200	108.600	5120.58	-38.40	136.27	-20.98	0.63
5237.00	1.300	102.600	5234.56	-39.06	138.66	-21.34	0.14
5313.00	3.600	95.900	5310.48	-39.49	141.88	-21.37	3.04
5408.00	6.200	97.700	5405.13	-40.49	149.93	-21.34	2.74
5502.00	8.000	98.300	5498.40	-42.11	161.43	-21.51	1.92
5597.00	8.700	106.600	5592.40	-45.12	174.86	-22.81	1.47
5692.00	8.400	105.900	5686.34	-49.07	188.42	-25.03	0.33
5787.00	8.300	104.900	5780.34	-52.74	201.72	-26.99	0.19
5882.00	8.000	104.600	5874.38	-56.17	214.74	-28.76	0.32
5976.00	8.200	104.600	5967.44	-59.50	227.56	-30.46	0.21
6071.00	8.000	104.500	6061.49	-62.87	240.52	-32.17	0.21
6166.00	7.100	104.200	6155.67	-65.96	252.61	-33.72	0.95
6260.00	8.500	114.400	6248.80	-70.26	264.57	-36.48	2.09
6355.00	8.600	113.200	6342.74	-75.96	277.49	-40.51	0.22
6545.00	8.100	111.100	6530.73	-86.37	303.04	-47.64	0.31
6734.00	8.800	112.200	6717.68	-96.63	328.84	-54.57	0.38
6924.00	8.800	111.000	6905.44	-107.33	355.87	-61.80	0.10
7113.00	8.400	111.000	7092.31	-117.46	382.25	-68.53	0.21
7303.00	7.300	109.600	7280.53	-126.48	406.58	-74.43	0.59
7492.00	8.000	104.400	7467.85	-133.78	430.63	-78.65	0.52
7682.00	9.100	109.100	7655.74	-141.98	457.64	-83.40	0.69
7871.00	8.200	110.800	7842.59	-151.66	484.36	-89.65	0.49
8061.00	8.500	105.100	8030.57	-160.13	510.59	-94.76	0.46
8251.00	8.600	100.300	8218.47	-166.33	538.12	-97.45	0.38
8440.00	8.800	106.600	8405.29	-172.98	565.88	-100.57	0.51
8630.00	8.200	103.000	8593.21	-180.18	593.01	-104.30	0.42
8725.00	8.000	104.200	8687.26	-183.33	606.02	-105.79	0.28

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8820.00	6.600	104.600	8781.49	-186.33	617.71	-107.30	1.47
8915.00	6.200	105.400	8875.90	-189.07	627.94	-108.73	0.43
9009.00	4.000	105.000	8969.52	-191.26	636.00	-109.90	2.34
9104.00	2.000	106.500	9064.38	-192.59	640.79	-110.61	2.11
9143.00	1.900	65.600	9103.36	-192.52	642.03	-110.38	3.50
9175.00	3.500	29.500	9135.33	-191.45	643.00	-109.20	7.07
9206.00	5.400	14.200	9166.23	-189.21	643.82	-106.88	7.17
9238.00	7.500	2.200	9198.03	-185.66	644.27	-103.30	7.76
9270.00	10.700	357.600	9229.62	-180.61	644.23	-98.29	10.25
9301.00	13.700	356.800	9259.92	-174.07	643.90	-91.84	9.69
9333.00	16.400	356.200	9290.82	-165.77	643.39	-83.68	8.45
9364.00	19.000	356.000	9320.35	-156.37	642.75	-74.43	8.39
9396.00	21.400	355.600	9350.38	-145.35	641.94	-63.60	7.51
9428.00	22.900	355.900	9380.02	-133.32	641.05	-51.78	4.70
9459.00	24.600	356.800	9408.39	-120.86	640.25	-39.52	5.61
9491.00	26.500	356.700	9437.26	-107.08	639.47	-25.95	5.94
9522.00	29.200	0.400	9464.67	-92.61	639.13	-11.63	10.34
9554.00	32.600	2.600	9492.12	-76.19	639.57	4.71	11.19
9586.00	36.600	3.500	9518.46	-58.05	640.54	22.83	12.60
9617.00	40.400	3.400	9542.72	-38.79	641.71	42.09	12.26
9649.00	44.300	2.900	9566.36	-17.27	642.89	63.59	12.23
9681.00	48.600	3.800	9588.40	5.88	644.25	86.72	13.59
9712.00	52.500	6.100	9608.10	29.72	646.33	110.63	13.82
9744.00	56.000	7.500	9626.79	55.50	649.41	136.60	11.50
9775.00	58.000	6.500	9643.68	81.30	652.57	162.59	7.00
9807.00	61.200	6.100	9659.87	108.73	655.60	190.19	10.06
9839.00	65.300	5.000	9674.27	137.17	658.36	218.74	13.17
9870.00	70.500	4.000	9685.93	165.79	660.61	247.42	17.04
9902.00	75.100	3.700	9695.39	196.28	662.66	277.93	14.40
9934.00	78.500	3.500	9702.69	227.37	664.61	309.02	10.64
9965.00	82.600	3.200	9707.78	257.89	666.40	339.52	13.26
9997.00	86.500	4.000	9710.82	289.68	668.40	371.31	12.44
10028.00	88.200	5.000	9712.25	320.55	670.83	402.24	6.36
10091.00	88.700	4.700	9713.96	383.30	676.15	465.16	0.93
10186.00	89.000	3.300	9715.86	478.05	682.78	559.99	1.51
10281.00	91.300	0.900	9715.62	572.97	686.26	654.60	3.50
10376.00	92.700	0.100	9712.30	667.90	687.09	748.89	1.70
10470.00	92.400	0.600	9708.12	761.81	687.66	842.12	0.62
10565.00	90.500	1.000	9705.71	856.77	688.99	936.49	2.04
10660.00	91.900	1.200	9703.73	951.72	690.81	1030.93	1.49
10754.00	89.900	1.100	9702.25	1045.69	692.70	1124.39	2.13
10849.00	90.100	359.700	9702.25	1140.68	693.36	1218.71	1.49
10944.00	91.200	359.200	9701.17	1235.67	692.45	1312.83	1.27
11045.00	91.300	358.100	9698.97	1336.62	690.07	1412.68	1.09
11140.00	92.700	357.700	9695.65	1431.49	686.59	1506.37	1.53
11234.00	93.400	359.200	9690.65	1525.32	684.05	1599.14	1.76
11330.00	94.400	359.900	9684.12	1621.10	683.30	1694.06	1.27
11424.00	94.200	359.900	9677.07	1714.83	683.14	1787.03	0.21

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11519.00	93.800	1.200	9670.45	1809.59	684.05	1881.16	1.43
11614.00	93.000	359.900	9664.81	1904.42	684.95	1975.35	1.60
11709.00	92.600	359.300	9660.17	1999.30	684.29	2069.40	0.76
11803.00	91.500	359.300	9656.81	2093.23	683.14	2162.44	1.17
11898.00	89.700	359.000	9655.81	2188.21	681.74	2256.49	1.92
11993.00	89.400	357.700	9656.56	2283.17	679.00	2350.35	1.40
12088.00	88.800	357.700	9658.05	2378.08	675.19	2444.04	0.63
12183.00	89.600	359.600	9659.38	2473.04	672.95	2537.96	2.17
12278.00	89.600	359.600	9660.04	2568.04	672.29	2632.12	0.00
12372.00	90.600	359.200	9659.88	2662.03	671.30	2725.25	1.15
12467.00	90.500	358.500	9658.97	2757.01	669.40	2819.23	0.74
12562.00	89.700	359.200	9658.80	2851.98	667.49	2913.22	1.12
12657.00	88.400	359.500	9660.37	2946.96	666.41	3007.31	1.40
12752.00	87.200	0.000	9664.02	3041.89	666.00	3101.44	1.37
12846.00	88.300	0.300	9667.71	3135.82	666.24	3194.65	1.21
12940.00	87.200	359.900	9671.40	3229.74	666.41	3287.85	1.25
13035.00	86.400	0.000	9676.71	3324.59	666.33	3381.94	0.85
13129.00	87.600	0.000	9681.63	3418.46	666.33	3475.07	1.28
13224.00	87.200	0.900	9685.93	3513.36	667.07	3569.31	1.04
13319.00	89.100	3.300	9689.00	3608.24	670.55	3663.87	3.22
13413.00	88.800	1.500	9690.72	3702.13	674.49	3757.52	1.94
13507.00	88.700	0.200	9692.78	3796.10	675.88	3850.92	1.39
13602.00	88.900	358.600	9694.76	3891.07	674.89	3945.01	1.70
13696.00	88.700	358.500	9696.73	3985.02	672.51	4037.92	0.24
13790.00	87.400	358.400	9699.93	4078.93	669.97	4130.77	1.39
13885.00	87.900	358.400	9703.83	4173.81	667.32	4224.57	0.53
13979.00	86.700	358.100	9708.26	4267.66	664.45	4317.31	1.32
14074.00	86.400	356.300	9713.97	4362.37	659.82	4410.69	1.92
14169.00	86.500	357.700	9719.86	4457.06	654.85	4504.01	1.47
14263.00	88.400	359.800	9724.04	4550.93	652.81	4596.88	3.01
14357.00	88.300	359.700	9726.74	4644.89	652.40	4690.05	0.15
14452.00	89.100	359.300	9728.90	4739.86	651.57	4784.16	0.94
14467.00	89.500	359.200	9729.08	4754.86	651.37	4799.02	2.75
14514.00	89.500	359.200	9729.49	4801.85	650.72	4845.56	0.00

All data are in feet unless otherwise stated. Directions and coordinates are relative to Grid North. Vertical depths are relative to WELL. Northings and Eastings are relative to well.

The Dogleg Severity is in Degrees per 100 feet.
Vertical Section is from Slot and calculated along an Azimuth of 7.213° (Grid).

Coordinate System is NAD 1927 (NADCON CONUS) US State Plane 1927 (Exact solution), New Mexico East 3001.
Central meridian is -104.333°.
Grid Convergence at Surface is 0.428°.

Based upon Minimum Curvature type calculations, at a Measured Depth of 14514.00ft., the Bottom Hole Displacement is 4845.74ft., in the Direction of 7.213° (Grid).

Company:	EOG Resources	Local Co-ordinate Reference:	Well Falcon 25 #2H
Project:	Lea County, NM	TVD Reference:	WELL @ 3561.00usft (Nomac 133 RKB: 22' + GL: 3539')
Site:	Falcon 25 Fed #2H	MD Reference:	WELL @ 3561.00usft (Nomac 133 RKB: 22' + GL: 3539')
Well:	Falcon 25 #2H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	Database:	EDM 5000.1 Single User Db

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Project	Lea County, NM		
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						Falcon 25 Fed #2H							
Site Position:			Northing:		430,818.16 usft		Latitude:		32° 10' 54.80 N				
From:		Lat/Long		Easting:		748,319.17 usft		Longitude:		103° 31' 50.57 W			
Position Uncertainty:			0.00 usft		Slot Radius:		13.20 in		Grid Convergence:			0.43 °	

Well	Falcon 25 #2H					
Well Position	+N/-S	0.00 usft	Northing:	430,818.16 usft	Latitude:	32° 10' 54.80 N
	+E/-W	0.00 usft	Easting:	748,319.17 usft	Longitude:	103° 31' 50.57 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,539.00 usft

Wellbore	ST01				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF2010	3/7/2014	7.23	60.09	48,322

Design:	ST01				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	9,104.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	7.21	

Survey Program		Date	3/21/2014		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
162.00	9,104.00	Survey #1 (Original Hole)	MWD	MWD - Standard	
9,143.00	14,514.00	Survey #1 (ST01)	MWD	MWD - Standard	

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,104.00	2.00	106.50	9,064.38	-192.59	640.79	-110.61	0.00	0.00	0.00
9,143.00	1.90	65.60	9,103.36	-192.52	642.03	-110.38	3.50	-0.26	-104.87
9,175.00	3.50	29.50	9,135.33	-191.45	643.00	-109.20	7.07	5.00	-112.81
9,206.00	5.40	14.20	9,166.23	-189.21	643.82	-106.88	7.17	6.13	-49.35
9,238.00	7.50	2.20	9,198.03	-185.66	644.27	-103.30	7.76	6.56	-37.50
9,270.00	10.70	357.60	9,229.63	-180.61	644.23	-98.29	10.25	10.00	-14.37
9,301.00	13.70	356.80	9,259.92	-174.07	643.90	-91.84	9.69	9.68	-2.58
9,333.00	16.40	356.20	9,290.82	-165.77	643.39	-83.68	8.45	8.44	-1.87

Company:	EOG Resources	Local Co-ordinate Reference:	Well Falcon 25 #2H
Project:	Lea County, NM	TVD Reference:	WELL @ 3561.00usft (Nomac 133 RKB: 22' + GL: 3539')
Site:	Falcon 25 Fed #2H	MD Reference:	WELL @ 3561.00usft (Nomac 133 RKB: 22' + GL: 3539')
Well:	Falcon 25 #2H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	N/S (usft)	E/W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,364.00	19.00	356.00	9,320.35	-156.37	642.75	-74.43	8.39	8.39	-0.65
9,396.00	21.40	355.60	9,350.38	-145.35	641.94	-63.60	7.51	7.50	-1.25
9,428.00	22.90	355.90	9,380.02	-133.32	641.05	-51.78	4.70	4.69	0.94
9,459.00	24.60	356.80	9,408.39	-120.86	640.25	-39.52	5.61	5.48	2.90
9,491.00	26.50	356.70	9,437.26	-107.08	639.47	-25.95	5.94	5.94	-0.31
9,522.00	29.20	0.40	9,464.67	-92.61	639.13	-11.63	10.34	8.71	11.94
9,554.00	32.60	2.60	9,492.13	-76.19	639.57	4.71	11.19	10.62	6.87
9,586.00	36.60	3.50	9,518.46	-58.05	640.54	22.83	12.60	12.50	2.81
9,617.00	40.40	3.40	9,542.72	-38.79	641.71	42.09	12.26	12.26	-0.32
9,649.00	44.30	2.90	9,566.36	-17.27	642.89	63.59	12.23	12.19	-1.56
9,681.00	48.60	3.80	9,588.40	5.88	644.25	86.72	13.59	13.44	2.81
9,712.00	52.50	6.10	9,608.10	29.72	646.33	110.63	13.82	12.58	7.42
9,744.00	56.00	7.50	9,626.79	55.50	649.41	136.60	11.50	10.94	4.37
9,775.00	58.00	6.50	9,643.68	81.30	652.57	162.59	7.00	6.45	-3.23
9,807.00	61.20	6.10	9,659.87	108.73	655.60	190.19	10.06	10.00	-1.25
9,839.00	65.30	5.00	9,674.27	137.17	658.36	218.74	13.17	12.81	-3.44
9,870.00	70.50	4.00	9,685.93	165.79	660.61	247.42	17.04	16.77	-3.23
9,902.00	75.10	3.70	9,695.39	196.28	662.66	277.93	14.40	14.37	-0.94
9,934.00	78.50	3.50	9,702.69	227.37	664.61	309.02	10.64	10.62	-0.62
9,965.00	82.60	3.20	9,707.78	257.89	666.40	339.52	13.26	13.23	-0.97
9,997.00	86.50	4.00	9,710.82	289.68	668.40	371.31	12.44	12.19	2.50
10,028.00	88.20	5.00	9,712.25	320.55	670.83	402.24	6.36	5.48	3.23
10,091.00	88.70	4.70	9,713.96	383.30	676.15	465.16	0.93	0.79	-0.48
10,186.00	89.00	3.30	9,715.87	478.05	682.78	559.99	1.51	0.32	-1.47
10,281.00	91.30	0.90	9,715.62	572.97	686.26	654.60	3.50	2.42	-2.53
10,376.00	92.70	0.10	9,712.30	667.90	687.09	748.89	1.70	1.47	-0.84
10,470.00	92.40	0.60	9,708.12	761.81	687.66	842.12	0.62	-0.32	0.53
10,565.00	90.50	1.00	9,705.71	856.77	688.99	936.49	2.04	-2.00	0.42
10,629.11	91.44	1.13	9,704.63	920.86	690.18	1,000.23	1.49	1.47	0.21
1000' VS TGT (Falcon 25 2H)									
10,660.00	91.90	1.20	9,703.73	951.72	690.81	1,030.93	1.49	1.47	0.21
10,754.00	89.90	1.10	9,702.25	1,045.69	692.70	1,124.39	2.13	-2.13	-0.11
10,849.00	90.10	359.70	9,702.25	1,140.68	693.36	1,218.71	1.49	0.21	-1.47
10,944.00	91.20	359.20	9,701.17	1,235.67	692.45	1,312.83	1.27	1.16	-0.53
11,045.00	91.30	358.10	9,698.97	1,336.62	690.07	1,412.68	1.09	0.10	-1.09
11,140.00	92.70	357.70	9,695.65	1,431.49	686.59	1,506.37	1.53	1.47	-0.42
11,234.00	93.40	359.20	9,690.65	1,525.32	684.05	1,599.14	1.76	0.74	1.60
11,330.00	94.40	359.90	9,684.12	1,621.10	683.30	1,694.06	1.27	1.04	0.73
11,424.00	94.20	359.90	9,677.07	1,714.83	683.14	1,787.03	0.21	-0.21	0.00
11,519.00	93.80	1.20	9,670.45	1,809.59	684.05	1,881.16	1.43	-0.42	1.37
11,614.00	93.00	359.90	9,664.81	1,904.42	684.95	1,975.35	1.60	-0.84	-1.37
11,639.34	92.89	359.74	9,663.51	1,929.73	684.88	2,000.44	0.76	-0.42	-0.63

Company:	Eog Resources	Local Co-ordinate Reference:	Well Falcon 25 #2H
Project:	Lea County, NM	TVD Reference:	WELL @ 3561.00usft (Nomac 133 RKB: 22' + GL: 3539')
Site:	Falcon 25 Fed #2H	MD Reference:	WELL @ 3561.00usft (Nomac 133 RKB: 22' + GL: 3539')
Well:	Falcon 25 #2H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2000' VS TGT (Falcon 25 2H)									
11,709.00	92.60	359.30	9,660.17	1,999.30	684.29	2,069.40	0.76	-0.42	-0.63
11,803.00	91.50	359.30	9,656.81	2,093.23	683.14	2,162.44	1.17	-1.17	0.00
11,898.00	89.70	359.00	9,655.81	2,188.21	681.74	2,256.49	1.92	-1.89	-0.32
11,993.00	89.40	357.70	9,656.56	2,283.17	679.00	2,350.35	1.40	-0.32	-1.37
12,088.00	88.80	357.70	9,658.05	2,378.08	675.19	2,444.04	0.63	-0.63	0.00
12,183.00	89.60	359.60	9,659.38	2,473.04	672.95	2,537.96	2.17	0.84	2.00
12,278.00	89.60	359.60	9,660.04	2,568.04	672.29	2,632.12	0.00	0.00	0.00
12,372.00	90.60	359.20	9,659.88	2,662.03	671.30	2,725.25	1.15	1.06	-0.43
12,467.00	90.50	358.50	9,658.97	2,757.01	669.40	2,819.23	0.74	-0.11	-0.74
12,562.00	89.70	359.20	9,658.80	2,851.98	667.49	2,913.22	1.12	-0.84	0.74
12,648.87	88.51	359.47	9,660.16	2,938.83	666.49	2,999.26	1.40	-1.37	0.32
3000' VS TGT (Falcon 25 2H)									
12,657.00	88.40	359.50	9,660.38	2,946.96	666.41	3,007.31	1.40	-1.37	0.32
12,752.00	87.20	0.00	9,664.02	3,041.89	666.00	3,101.44	1.37	-1.26	0.53
12,846.00	88.30	0.30	9,667.71	3,135.82	666.24	3,194.65	1.21	1.17	0.32
12,940.00	87.20	359.90	9,671.40	3,229.74	666.41	3,287.85	1.25	-1.17	-0.43
13,035.00	86.40	0.00	9,676.71	3,324.59	666.33	3,381.95	0.85	-0.84	0.11
13,129.00	87.60	0.00	9,681.63	3,418.46	666.33	3,475.07	1.28	1.28	0.00
13,224.00	87.20	0.90	9,685.93	3,513.36	667.07	3,569.31	1.04	-0.42	0.95
13,319.00	89.10	3.30	9,689.00	3,608.24	670.55	3,663.87	3.22	2.00	2.53
13,413.00	88.80	1.50	9,690.72	3,702.13	674.49	3,757.52	1.94	-0.32	-1.91
13,507.00	88.70	0.20	9,692.78	3,796.10	675.88	3,850.92	1.39	-0.11	-1.38
13,602.00	88.90	358.60	9,694.77	3,891.07	674.89	3,945.01	1.70	0.21	-1.68
13,658.49	88.78	358.54	9,695.91	3,947.53	673.48	4,000.85	0.24	-0.21	-0.11
4000' VS TGT (Falcon 25 2H)									
13,696.00	88.70	358.50	9,696.73	3,985.02	672.51	4,037.92	0.24	-0.21	-0.11
13,790.00	87.40	358.40	9,699.93	4,078.93	669.97	4,130.77	1.39	-1.38	-0.11
13,885.00	87.90	358.40	9,703.83	4,173.81	667.32	4,224.57	0.53	0.53	0.00
13,979.00	86.70	358.10	9,708.26	4,267.66	664.45	4,317.31	1.32	-1.28	-0.32
14,074.00	86.40	356.30	9,713.97	4,362.37	659.82	4,410.69	1.92	-0.32	-1.89
14,169.00	86.50	357.70	9,719.86	4,457.06	654.85	4,504.01	1.47	0.11	1.47
14,263.00	88.40	359.80	9,724.04	4,550.93	652.81	4,596.88	3.01	2.02	2.23
14,357.00	88.30	359.70	9,726.74	4,644.89	652.40	4,690.05	0.15	-0.11	-0.11
14,452.00	89.10	359.30	9,728.90	4,739.86	651.57	4,784.16	0.94	0.84	-0.42
14,467.00	89.50	359.20	9,729.08	4,754.86	651.37	4,799.02	2.75	2.67	-0.67
14,514.00	89.50	359.20	9,729.49	4,801.85	650.72	4,845.56	0.00	0.00	0.00
ST01 PBHL (Falcon 25 2H) - PBHL (Falcon 25 2H)									