



EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Tayberries 13 State

#501H

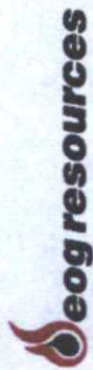
OH

Plan: Plan #1

EOG PVA

12 August, 2015

NOV 24 2015



EOG Resources, Inc.
EOG PVA

Company: EOG Resources - Midland Project: Lea County, NM (NAD 27 NME) Site: Tayberries 13 State Well: #501H Wellbore: OH Design: Plan #1		Local Co-ordinate Reference: TVD Reference: KB = 25 @ 3672.0usft (H&P 260) MD Reference: KB = 25 @ 3672.0usft (H&P 260) North Reference: Grid Survey Calculation Method: Minimum Curvature Database: EDM 5000.1 Single User Db	
Project Lea County, NM (NAD 27 NME)			
Map System: US State Plane 1927 (Exact solution) Geo Datum: NAD 1927 (NADCON CONUS) Map Zone: New Mexico East 3001			
Site Tayberries 13 State			
Site Position: From: Map Position Uncertainty: 0.0 usft		Northing: Easting: Slot Radius: 13-3/16 "	Latitude: Longitude: Grid Convergence: 0.50 "
Well #501H		Northings: Easting: Wellhead Elevation: 0.0 usft	Latitude: Longitude: Ground Level: 3,647.0 usft
Wellbore OH			
Magnetics		Model Name IGRF2015 Sample Date 12/20/2015	Declination (°) 7.06 Dip Angle (°) 60.44 Field Strength (nT) 48,319
Design Plan #1			
Audit Notes:		Phase: PLAN	Tie On Depth: 0.0
Version:		Depth From (TVD) (usft) 0.0	+N-S (usft) 0.0 +E-W (usft) 0.0 Direction (°) 179.59
Vertical Section:			
Survey Tool Program		Date 8/12/2015	
From (usft)	To (usft)	Survey (Wellbore)	Description
0.0	14,815.9	Plan #1 (OH)	MWD - Standard



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Project: Lea County, NM (NAD 27 NME)
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Local Co-ordinate Reference:
TVL Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:
Well #501H
KB = 25 @ 3672.0usft (H&P 260)
KB = 25 @ 3672.0usft (H&P 260)
Grid
Minimum Curvature
EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (")	Azi (grid_north_azim)	TVL (usft)	N/S (usft)	EW (usft)	DLeg ("/100usft)	Build ("/100usft)	Turn ("/100usft)	High to Plan (usft)	Right to Plan (usft)
0.0	0.00	0.00	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00



EOG Resources

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EOG PVA

Company:
Project:
Site:
Well:
Wellbore:
Design:

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Lea County, NM (NAD 27 NME)
Tayberries 13 State
#501H
OH
Plan #1

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Planned Survey

MD (usft)	Inc (")	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	D/Leg ("/100usft)	Build ("/100usft)	Turn ("/100usft)	High to Plan (usft)	Right to Plan (usft)
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
4,600.0	1.00	359.71	4,600.0	0.9	0.0	1.00	1.00	0.00	0.00	0.00
4,700.0	2.00	359.71	4,700.0	3.5	0.0	1.00	1.00	0.00	0.00	0.00
4,736.9	2.37	359.71	4,736.9	4.9	0.0	1.00	1.00	0.00	0.00	0.00
4,800.0	2.37	359.71	4,798.9	7.5	0.0	0.00	0.00	0.00	0.00	0.00
4,900.0	2.37	359.71	4,899.8	11.6	-0.1	0.00	0.00	0.00	0.00	0.00
5,000.0	2.37	359.71	4,999.7	15.8	-0.1	0.00	0.00	0.00	0.00	0.00
5,100.0	2.37	359.71	5,099.6	19.9	-0.1	0.00	0.00	0.00	0.00	0.00
5,200.0	2.37	359.71	5,199.5	24.0	-0.1	0.00	0.00	0.00	0.00	0.00



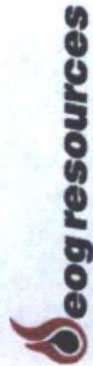
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MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
5,300.0	2.37	359.71	5,299.5	28.2	-0.1	0.00	0.00	0.00	0.00	0.00
5,400.0	2.37	359.71	5,399.4	32.3	-0.2	0.00	0.00	0.00	0.00	0.00
5,500.0	2.37	359.71	5,499.3	36.4	-0.2	0.00	0.00	0.00	0.00	0.00
5,600.0	2.37	359.71	5,599.2	40.6	-0.2	0.00	0.00	0.00	0.00	0.00
5,700.0	2.37	359.71	5,699.1	44.7	-0.2	0.00	0.00	0.00	0.00	0.00
5,800.0	2.37	359.71	5,799.0	48.8	-0.2	0.00	0.00	0.00	0.00	0.00
5,900.0	2.37	359.71	5,898.9	53.0	-0.3	0.00	0.00	0.00	0.00	0.00
6,000.0	2.37	359.71	5,998.9	57.1	-0.3	0.00	0.00	0.00	0.00	0.00
6,100.0	2.37	359.71	6,098.8	61.2	-0.3	0.00	0.00	0.00	0.00	0.00
6,200.0	2.37	359.71	6,198.7	65.4	-0.3	0.00	0.00	0.00	0.00	0.00
6,300.0	2.37	359.71	6,298.6	69.5	-0.3	0.00	0.00	0.00	0.00	0.00
6,400.0	2.37	359.71	6,398.5	73.6	-0.4	0.00	0.00	0.00	0.00	0.00
6,500.0	2.37	359.71	6,498.4	77.8	-0.4	0.00	0.00	0.00	0.00	0.00
6,600.0	2.37	359.71	6,598.3	81.9	-0.4	0.00	0.00	0.00	0.00	0.00
6,700.0	2.37	359.71	6,698.3	86.1	-0.4	0.00	0.00	0.00	0.00	0.00
6,800.0	2.37	359.71	6,798.2	90.2	-0.5	0.00	0.00	0.00	0.00	0.00
6,900.0	2.37	359.71	6,898.1	94.3	-0.5	0.00	0.00	0.00	0.00	0.00
7,000.0	2.37	359.71	6,998.0	98.5	-0.5	0.00	0.00	0.00	0.00	0.00
7,100.0	2.37	359.71	7,097.9	102.6	-0.5	0.00	0.00	0.00	0.00	0.00
7,200.0	2.37	359.71	7,197.8	106.7	-0.5	0.00	0.00	0.00	0.00	0.00
7,300.0	2.37	359.71	7,297.7	110.9	-0.6	0.00	0.00	0.00	0.00	0.00
7,400.0	2.37	359.71	7,397.7	115.0	-0.6	0.00	0.00	0.00	0.00	0.00
7,500.0	2.37	359.71	7,497.6	119.1	-0.6	0.00	0.00	0.00	0.00	0.00
7,600.0	2.37	359.71	7,597.5	123.3	-0.6	0.00	0.00	0.00	0.00	0.00
7,700.0	2.37	359.71	7,697.4	127.4	-0.6	0.00	0.00	0.00	0.00	0.00
7,800.0	2.37	359.71	7,797.3	131.5	-0.7	0.00	0.00	0.00	0.00	0.00
7,900.0	2.37	359.71	7,897.2	135.7	-0.7	0.00	0.00	0.00	0.00	0.00



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EOG PVA

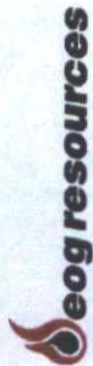
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Planned Survey

MD (uoft)	Inc (°)	Asl (grid_north_azim)	TVD (uoft)	N/S (uoft)	EW (uoft)	DLeg (°/100uoft)	Build (°/100uoft)	Turn (°/100uoft)	High to Plan (uoft)	Right to Plan (uoft)
8,000.0	2.37	359.71	7,997.1	139.8	-0.7	0.00	0.00	0.00	0.00	0.00
8,100.0	2.37	359.71	8,097.1	143.9	-0.7	0.00	0.00	0.00	0.00	0.00
8,200.0	2.37	359.71	8,197.0	148.1	-0.7	0.00	0.00	0.00	0.00	0.00
8,300.0	2.37	359.71	8,296.9	152.2	-0.8	0.00	0.00	0.00	0.00	0.00
8,400.0	2.37	359.71	8,396.8	156.3	-0.8	0.00	0.00	0.00	0.00	0.00
8,500.0	2.37	359.71	8,496.7	160.5	-0.8	0.00	0.00	0.00	0.00	0.00
8,600.0	2.37	359.71	8,596.6	164.6	-0.8	0.00	0.00	0.00	0.00	0.00
8,700.0	2.37	359.71	8,696.5	168.7	-0.8	0.00	0.00	0.00	0.00	0.00
8,800.0	2.37	359.71	8,796.5	172.9	-0.9	0.00	0.00	0.00	0.00	0.00
8,900.0	2.37	359.71	8,896.4	177.0	-0.9	0.00	0.00	0.00	0.00	0.00
9,000.0	2.37	359.71	8,996.3	181.1	-0.9	0.00	0.00	0.00	0.00	0.00
9,100.0	2.37	359.71	9,096.2	185.3	-0.9	0.00	0.00	0.00	0.00	0.00
9,200.0	2.37	359.71	9,196.1	189.4	-1.0	0.00	0.00	0.00	0.00	0.00
9,300.0	2.37	359.71	9,296.0	193.5	-1.0	0.00	0.00	0.00	0.00	0.00
9,400.0	2.37	359.71	9,395.9	197.7	-1.0	0.00	0.00	0.00	0.00	0.00
9,457.5	2.37	359.71	9,453.4	200.0	-1.0	0.00	0.00	0.00	0.00	0.00
9,500.0	1.88	179.46	9,495.9	200.2	-1.0	10.00	-1.14	422.52	0.00	0.00
9,550.0	6.88	179.56	9,545.7	196.4	-1.0	10.00	10.00	0.21	0.00	0.00
9,600.0	11.88	179.58	9,595.0	188.3	-0.9	10.00	10.00	0.03	0.00	0.00
9,650.0	16.88	179.58	9,643.5	175.8	-0.8	10.00	10.00	0.01	0.00	0.00
9,700.0	21.88	179.59	9,690.6	159.2	-0.7	10.00	10.00	0.01	0.00	0.00
9,750.0	26.88	179.59	9,736.1	138.6	-0.6	10.00	10.00	0.00	0.00	0.00
9,800.0	31.88	179.59	9,779.7	114.1	-0.4	10.00	10.00	0.00	0.00	0.00
9,850.0	36.88	179.59	9,820.9	85.9	-0.2	10.00	10.00	0.00	0.00	0.00
9,900.0	41.88	179.59	9,859.6	54.1	0.0	10.00	10.00	0.00	0.00	0.00
9,950.0	46.88	179.60	9,895.3	19.2	0.3	10.00	10.00	0.00	0.00	0.00
10,000.0	51.88	179.60	9,927.8	-18.8	0.6	10.00	10.00	0.00	0.00	0.00



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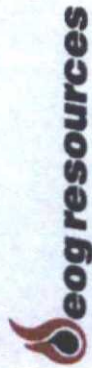
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MD (ust)	Inc (")	Azi (grid_north_azim)	TVD (ust)	N/S (ust)	E/W (ust)	D/Lag ("/100ust)	Build ("/100ust)	Turn ("/100ust)	High to Plan (ust)	Right to Plan (ust)
10,050.0	58.88	179.80	9,956.9	-59.4	0.8	10.00	10.00	10.00	0.00	
10,100.0	61.88	179.80	9,982.4	-102.4	1.2	10.00	10.00	10.00	0.00	
10,109.0	62.79	179.80	9,986.6	-110.4	1.2	10.00	10.00	10.00	0.00	
FTP(Tayberries 13 St #501H)										
10,150.0	66.88	179.80	10,004.0	-147.5	1.5	10.00	10.00	10.00	0.00	
10,200.0	71.88	179.80	10,021.6	-194.3	1.8	10.00	10.00	10.00	0.00	
10,250.0	76.88	179.80	10,035.1	-242.4	2.1	10.00	10.00	10.00	0.00	
10,300.0	81.88	179.80	10,044.3	-291.5	2.5	10.00	10.00	10.00	0.00	
10,350.0	86.88	179.80	10,049.2	-341.3	2.8	10.00	10.00	10.00	0.00	
10,381.2	90.00	179.80	10,050.0	-372.4	3.0	10.00	10.00	10.00	0.00	
10,400.0	90.00	179.80	10,050.0	-391.3	3.2	0.00	0.00	0.00	0.00	
10,500.0	90.00	179.80	10,050.0	-491.3	3.9	0.00	0.00	0.00	0.00	
10,600.0	90.00	179.80	10,050.0	-591.3	4.6	0.00	0.00	0.00	0.00	
10,700.0	90.00	179.80	10,050.0	-691.2	5.3	0.00	0.00	0.00	0.00	
10,800.0	90.00	179.80	10,050.0	-791.2	6.0	0.00	0.00	0.00	0.00	
10,900.0	90.00	179.80	10,050.0	-891.2	6.7	0.00	0.00	0.00	0.00	
11,000.0	90.00	179.80	10,050.0	-891.2	7.4	0.00	0.00	0.00	0.00	
11,100.0	90.00	179.80	10,050.0	-1,091.2	8.1	0.00	0.00	0.00	0.00	
11,200.0	90.00	179.80	10,050.0	-1,191.2	8.8	0.00	0.00	0.00	0.00	
11,300.0	90.00	179.80	10,050.0	-1,291.2	9.5	0.00	0.00	0.00	0.00	
11,400.0	90.00	179.80	10,050.0	-1,391.2	10.2	0.00	0.00	0.00	0.00	
11,500.0	90.00	179.80	10,050.0	-1,491.2	10.9	0.00	0.00	0.00	0.00	
11,600.0	90.00	179.80	10,050.0	-1,591.2	11.6	0.00	0.00	0.00	0.00	
11,700.0	90.00	179.80	10,050.0	-1,691.2	12.2	0.00	0.00	0.00	0.00	
11,800.0	90.00	179.80	10,050.0	-1,791.2	12.9	0.00	0.00	0.00	0.00	
11,900.0	90.00	179.80	10,050.0	-1,891.2	13.6	0.00	0.00	0.00	0.00	
12,000.0	90.00	179.80	10,050.0	-1,991.2	14.3	0.00	0.00	0.00	0.00	



EOG Resources, Inc.
EOG PVA

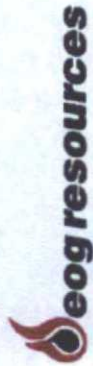
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Tayberries 13 State
Well: #501H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #501H
KB = 25 @ 3672.0ustf (H&P 260)
KB = 25 @ 3672.0ustf (H&P 260)
Grid
Minimum Curvature
EDM 5000.1 Single User Db

Planned Survey

MD (ustf)	Inc (°)	Azi (grid_north_azim)	TVD (ustf)	N/S (ustf)	EW (ustf)	D/Leg (°/100ustf)	Build (°/100ustf)	Turn (°/100ustf)	High to Plan (ustf)	Right to Plan (ustf)
12,100.0	90.00	179.60	10,050.0	-2,091.2	15.0	0.00	0.00	0.00	0.00	0.00
12,200.0	90.00	179.60	10,050.0	-2,191.2	15.7	0.00	0.00	0.00	0.00	0.00
12,300.0	90.00	179.60	10,050.0	-2,291.2	16.4	0.00	0.00	0.00	0.00	0.00
12,400.0	90.00	179.60	10,050.0	-2,391.2	17.1	0.00	0.00	0.00	0.00	0.00
12,500.0	90.00	179.60	10,050.0	-2,491.2	17.8	0.00	0.00	0.00	0.00	0.00
12,600.0	90.00	179.60	10,050.0	-2,591.2	18.5	0.00	0.00	0.00	0.00	0.00
12,700.0	90.00	179.60	10,050.0	-2,691.2	19.2	0.00	0.00	0.00	0.00	0.00
12,800.0	90.00	179.60	10,050.0	-2,791.2	19.9	0.00	0.00	0.00	0.00	0.00
12,900.0	90.00	179.60	10,050.0	-2,891.2	20.6	0.00	0.00	0.00	0.00	0.00
13,000.0	90.00	179.60	10,050.0	-2,991.2	21.3	0.00	0.00	0.00	0.00	0.00
13,100.0	90.00	179.60	10,050.0	-3,091.2	22.0	0.00	0.00	0.00	0.00	0.00
13,200.0	90.00	179.60	10,050.0	-3,191.2	22.7	0.00	0.00	0.00	0.00	0.00
13,300.0	90.00	179.60	10,050.0	-3,291.2	23.4	0.00	0.00	0.00	0.00	0.00
13,400.0	90.00	179.60	10,050.0	-3,391.2	24.1	0.00	0.00	0.00	0.00	0.00
13,500.0	90.00	179.60	10,050.0	-3,491.2	24.8	0.00	0.00	0.00	0.00	0.00
13,600.0	90.00	179.60	10,050.0	-3,591.2	25.5	0.00	0.00	0.00	0.00	0.00
13,700.0	90.00	179.60	10,050.0	-3,691.2	26.2	0.00	0.00	0.00	0.00	0.00
13,800.0	90.00	179.60	10,050.0	-3,791.2	26.9	0.00	0.00	0.00	0.00	0.00
13,900.0	90.00	179.60	10,050.0	-3,891.2	27.6	0.00	0.00	0.00	0.00	0.00
14,000.0	90.00	179.60	10,050.0	-3,991.2	28.3	0.00	0.00	0.00	0.00	0.00
14,100.0	90.00	179.60	10,050.0	-4,091.2	29.0	0.00	0.00	0.00	0.00	0.00
14,200.0	90.00	179.60	10,050.0	-4,191.2	29.7	0.00	0.00	0.00	0.00	0.00
14,300.0	90.00	179.60	10,050.0	-4,291.2	30.4	0.00	0.00	0.00	0.00	0.00
14,400.0	90.00	179.60	10,050.0	-4,391.2	31.1	0.00	0.00	0.00	0.00	0.00
14,500.0	90.00	179.60	10,050.0	-4,491.2	31.8	0.00	0.00	0.00	0.00	0.00
14,600.0	90.00	179.60	10,050.0	-4,591.2	32.5	0.00	0.00	0.00	0.00	0.00
14,700.0	90.00	179.60	10,050.0	-4,691.2	33.2	0.00	0.00	0.00	0.00	0.00



EOG Resources, Inc.
EOG PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Tayberries 13 State
Well: #501H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference: KB = 25 @ 3672.0usft (H&P 260)
MD Reference: KB = 25 @ 3672.0usft (H&P 260)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (")	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg ("/100usft)	Build ("/100usft)	Turn ("/100usft)	High to Plan (usft)	Right to Plan (usft)
14,800.0	90.00	179.60	10,050.0	-4,791.1	33.9	0.00	0.00	0.00		
14,815.9	90.00	179.60	10,050.0	-4,807.0	34.0	0.00	0.00	0.00		
PBHL(tayberries 13 St #501H)										

Checked By: _____

Approved By: _____

Date: _____

EOG RESOURCES, INC.
TAYBERRIES 13 STATE #501H

Hydrogen Sulfide Plan Summary

- A. All personnel shall receive proper H₂S training in accordance with Onshore Order III.C.3.a.
- B. Briefing Area: two perpendicular areas will be designated by signs and readily accessible.
- C. Required Emergency Equipment:

- Well control equipment
 - a. Flare line 150' from wellhead to be ignited by flare gun.
 - b. Choke manifold with a remotely operated choke.
 - c. Mud/gas separator

- Protective equipment for essential personnel.

Breathing apparatus:

- a. Rescue Packs (SCBA) — 1 unit shall be placed at each breathing area, 2 shall be stored in the safety trailer.
- b. Work/Escapes packs — 4 packs shall be stored on the rig floor with sufficient air hose not to restrict work activity.
- c. Emergency Escape Packs — 4 packs shall be stored in the doghouse for emergency evacuation.

Auxiliary Rescue Equipment:

- a. Stretcher
- b. Two OSHA full body harness
- c. 100 ft 5/8 inch OSHA approved rope
- d. 1-20# class ABC fire extinguisher

- H₂S detection and monitoring equipment:

The stationary detector with three sensors will be placed in the upper dog house if equipped, set to visually alarm @ 10 ppm and audible @ 14 ppm. Calibrate a minimum of every 30 days or as needed. The sensors will be placed in the following places: Rig floor / Bell nipple / End of flow line or where well bore fluid is being discharged.

(Gas sample tubes will be stored in the safety trailer)

- Visual warning systems.

- a. One color code condition sign will be placed at the entrance to the site reflecting the possible conditions at the site.
- b. A colored condition flag will be on display, reflecting the current condition at the site at the time.
- c. Two wind socks will be placed in strategic locations, visible from all angles.

EOG RESOURCES, INC.
TAYBERRIES 13 STATE #501H

- **Mud program:**
The mud program has been designed to minimize the volume of H₂S circulated to surface. The operator will have the necessary mud products to minimize hazards while drilling in H₂S bearing zones.
- **Metallurgy:**
All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H₂S service.
- **Communication:**
Communication will be via cell phones and land lines where available.

EOG RESOURCES, INC.
TAYBERRIES 13 STATE #501H

Emergency Assistance Telephone List

PUBLIC SAFETY: **911 or**

Lea County Sheriff's Department (575) 396-3611

Rod Coffman

Fire Department:

Carlsbad (575) 885-3125

Artesia (575) 746-5050

Hospitals:

Carlsbad (575) 887-4121

Artesia (575) 748-3333

Hobbs (575) 392-1979

Dept. of Public Safety/Carlsbad (575) 748-9718

Highway Department (575) 885-3281

New Mexico Oil Conservation (575) 476-3440

U.S. Dept. of Labor (575) 887-1174

EOG Resources, Inc.

EOG / Midland Office (432) 686-3600

Company Drilling Consultants:

Jett Dueitt Cell (432) 230-4840

Blake Burney

Drilling Engineer

Robert Brosig Office (432) 686-3737

Cell (432) 770-0705

Drilling Manager

Heath Work Office (432) 686-6716

Cell (903) 780-1179

Drilling Superintendent

Jason Richey Office (432) 686-3665

Cell (817) 879-6521

H&P Drilling

H&P Drilling Office (432) 563-5757

H&P 415 Drilling Rig Rig (432) 230-4840

Tool Pusher:

Johnathan Craig Cell (817) 760-6374

Brad Garrett

Safety

Reggie Phillips (HSE Manager) Office (432) 686-3747

Cell (432) 250-7507