



HOBBS OCD
OCT 10 2018
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EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Osprey 10

#301H

OH

Design: OH

Midland PVA

05 October, 2018



Midland PVA

Company: EOG Resources - Midland		Local Co-ordinate Reference: Well #301H	
Project: Lea County, NM (NAD 83 NME)		TVD Reference: KB = 25 @ 3358.0usft (H&P 424)	
Site: Osprey 10		MD Reference: KB = 25 @ 3358.0usft (H&P 424)	
Well: #301H		North Reference: Grid	
Wellbore: OH		Survey Calculation Method: Minimum Curvature	
Design: OH		Database: EDM 5000.14	

Project Lea County, NM (NAD 83 NME)			
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site Osprey 10			
Site Position:		Northing:	415,148.00 usft
From: Map		Easting:	809,711.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 8' 18.063 N
		Longitude:	103° 27' 58.640 W
		Grid Convergence:	0.46 °

Well #301H			
Well Position	+N-S	0.0 usft	Northing: 415,148.00 usft
	+E-W	0.0 usft	Easting: 809,711.00 usft
Position Uncertainty		0.0 usft	Wellhead Elevation: usft
			Latitude: 32° 8' 18.063 N
			Longitude: 103° 27' 58.640 W
			Ground Level: 3,333.0 usft

Wellbore OH					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	5/24/2018	6.80	59.99	47,802.88993770

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	2.23	

Survey Program		Date	10/5/2018		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
188.0	17,800.0	Newsco MWD (OH)	MWD	OWSG MWD - Standard	



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Well:	#301H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey												
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (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	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.0
188.0	0.70	347.80	188.0	1.1	-0.2	0.37	0.37	0.00	-1.1	0.0		
341.0	1.00	351.90	341.0	3.4	-0.6	0.20	0.20	2.68	-3.4	0.1		
523.0	0.60	338.50	523.0	5.8	-1.2	0.24	-0.22	-7.36	-5.9	-1.0		
705.0	0.40	309.50	705.0	7.1	-2.0	0.17	-0.11	-15.93	-6.1	-4.2		
893.0	0.50	286.50	892.9	7.8	-3.3	0.11	0.05	-12.23	-5.4	-6.5		
1,068.0	0.80	266.20	1,067.9	7.9	-5.3	0.21	0.17	-11.60	-4.7	-8.2		
1,187.0	0.50	197.20	1,186.9	7.3	-6.3	0.65	-0.25	-57.98	5.2	-8.2		
1,375.0	0.70	143.90	1,374.9	5.6	-5.8	0.30	0.11	-28.35	8.0	-1.4		
1,564.0	0.50	133.40	1,563.9	4.1	-4.6	0.12	-0.11	-5.56	6.1	-0.1		
1,752.0	0.80	122.60	1,751.9	3.0	-3.1	0.08	0.05	-5.74	4.3	0.9		
1,941.0	0.40	103.80	1,940.9	2.3	-1.7	0.14	-0.11	-9.95	2.2	1.9		
2,130.0	0.60	106.60	2,129.9	1.9	-0.1	0.11	0.11	1.48	0.6	1.8		
2,318.0	0.70	100.30	2,317.9	1.4	2.0	0.07	0.05	-3.35	-1.7	1.8		
2,507.0	1.10	84.50	2,506.9	1.4	4.9	0.25	0.21	-8.36	-5.1	0.9		
2,695.0	0.80	250.60	2,694.8	1.1	5.5	1.00	-0.16	88.35	5.6	0.8		
2,884.0	1.00	245.80	2,883.8	0.0	2.8	0.11	0.11	-2.54	2.5	1.1		
3,072.0	0.30	221.20	3,071.8	-1.0	0.9	0.39	-0.37	-13.09	-0.2	1.4		
3,260.0	0.80	99.60	3,259.8	-1.6	1.9	0.53	0.27	-64.68	-2.2	-1.3		
3,449.0	1.30	77.80	3,448.8	-1.4	5.3	0.33	0.26	-11.53	-4.9	-2.5		
3,637.0	0.70	295.10	3,636.8	-0.5	6.3	1.01	-0.32	-75.90	5.9	-2.3		
3,825.0	0.40	134.10	3,824.8	-0.4	5.8	0.58	-0.16	-85.64	-4.4	3.7		
4,013.0	0.90	94.70	4,012.7	-1.0	7.7	0.34	0.27	-20.96	-7.8	-0.4		
4,202.0	1.00	167.00	4,201.7	-2.7	9.6	0.59	0.05	38.25	-4.8	8.7		
4,390.0	1.80	169.80	4,389.7	-7.2	10.5	0.43	0.43	1.49	-9.0	9.0		
4,579.0	2.50	135.80	4,578.5	-13.1	13.9	0.75	0.37	-17.99	-19.1	0.8		
4,767.0	3.40	131.00	4,766.3	-19.7	20.9	0.50	0.48	-2.55	-28.7	-1.1		



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Well:	#301H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (°)	Asl (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
4,955.0	3.40	132.80	4,954.0	-27.1	29.2	0.06	0.00	0.96	-39.9	-0.1	
5,143.0	4.00	133.90	5,141.6	-35.5	38.0	0.32	0.32	0.59	-52.0	0.8	
5,204.0	3.50	131.10	5,202.4	-38.2	41.0	0.87	-0.82	-4.59	-56.0	-1.8	
5,312.0	3.30	128.20	5,310.2	-42.3	45.9	0.24	-0.19	-2.69	-60.1	-4.9	
5,500.0	2.70	125.10	5,498.0	-48.2	53.8	0.33	-0.32	-1.65	-55.9	-7.9	
5,689.0	2.50	125.40	5,686.8	-53.1	60.8	0.11	-0.11	0.16	-42.8	-8.9	
5,877.0	2.40	114.60	5,874.6	-57.1	67.7	0.25	-0.05	-5.74	-27.6	-10.8	
6,066.0	4.00	119.60	6,063.3	-62.0	77.0	0.86	0.85	2.65	-17.4	-5.1	
6,255.0	4.30	118.80	6,251.8	-68.7	89.0	0.16	0.16	-0.42	-9.5	-2.2	
6,443.0	5.20	121.80	6,439.2	-76.6	102.4	0.50	0.48	1.60	-3.6	0.7	
6,631.0	5.30	121.00	6,626.4	-85.5	117.1	0.07	0.05	-0.43	0.7	2.9	
6,820.0	4.70	133.90	6,814.7	-95.4	130.1	0.67	-0.32	6.83	6.7	2.1	
7,008.0	5.50	132.00	7,001.9	-106.8	142.4	0.43	0.43	-1.01	11.5	0.3	
7,197.0	5.30	128.00	7,190.1	-118.2	156.0	0.23	-0.11	-2.12	15.4	0.2	
7,385.0	4.80	129.00	7,377.4	-128.5	169.0	0.27	-0.27	0.53	20.5	-0.6	
7,573.0	4.00	126.20	7,564.8	-137.3	180.4	0.44	-0.43	-1.49	24.5	0.4	
7,762.0	3.60	132.60	7,753.4	-145.2	190.0	0.31	-0.21	3.39	18.3	-2.2	
7,950.0	2.50	134.00	7,941.1	-152.1	197.3	0.59	-0.59	0.74	8.2	-2.5	
8,138.0	0.40	64.30	8,129.1	-154.7	200.9	1.27	-1.12	-37.07	3.1	3.0	
8,327.0	0.90	123.20	8,318.0	-155.2	202.7	0.41	0.26	31.16	2.4	-0.6	
8,515.0	0.90	119.30	8,506.0	-156.7	205.2	0.03	0.00	-2.07	-0.6	-0.5	
8,704.0	1.00	216.50	8,695.0	-158.8	205.6	0.75	0.05	51.43	-1.9	2.1	
8,892.0	1.30	230.10	8,883.0	-161.4	202.9	0.21	0.16	7.23	-5.1	2.9	
9,080.0	1.30	242.20	9,070.9	-163.8	199.4	0.15	0.00	6.44	-8.6	4.3	
9,268.0	1.00	263.00	9,258.9	-165.0	195.9	0.27	-0.16	11.06	-10.1	7.8	
9,457.0	0.10	0.00	9,447.9	-165.0	194.3	0.54	-0.48	51.32	9.0	10.7	
9,586.0	0.60	57.30	9,576.9	-164.6	194.8	0.43	0.39	44.42	13.2	-1.7	



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Design: OH			Database:			EDM 5000.14		

Survey											
MD (usft)	Inc (")	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
9,645.0	3.36	22.92	9,635.8	-162.8	195.8	4.89	4.68	-58.27	9.9	5.9	
KOP, MD:9645.0", TVD:9635.8", N/S:-162.8", E/W:195.8", INC:3.36											
9,652.0	3.70	22.30	9,642.8	-162.4	195.9	4.89	4.86	-8.90	9.4	6.0	
9,701.0	11.90	18.60	9,691.3	-156.1	198.1	16.76	16.73	-7.55	2.3	6.5	
9,746.0	18.70	18.00	9,734.7	-144.9	201.9	15.12	15.11	-1.33	-9.4	6.7	
9,840.0	24.00	18.30	9,822.2	-112.4	212.5	5.64	5.64	0.32	-35.9	7.4	
9,934.0	29.00	19.50	9,906.3	-72.7	226.1	5.35	5.32	1.28	-54.9	9.7	
10,028.0	34.20	21.00	9,986.3	-26.5	243.2	5.59	5.53	1.60	-65.5	12.5	
10,123.0	37.80	20.30	10,063.2	25.7	262.9	3.81	3.79	-0.74	-66.3	13.7	
10,217.0	46.20	19.40	10,133.0	84.8	284.2	8.96	8.94	-0.96	-59.9	14.7	
10,311.0	53.10	15.80	10,193.8	153.1	305.7	7.90	7.34	-3.83	-51.0	9.8	
10,356.0	55.99	12.87	10,219.9	188.6	314.8	8.32	6.41	-6.51	-45.2	6.8	
FTP Crossing, MD:10356.0", TVD:10219.9", N/S:188.6", E/W:314.8", INC:55.99											
10,405.0	59.20	9.90	10,246.2	229.1	322.9	8.32	6.56	-6.06	-37.4	4.4	
10,499.0	68.30	4.90	10,287.7	312.6	333.6	10.79	9.68	-5.32	-21.1	2.4	
10,593.0	77.60	2.10	10,315.3	402.2	339.1	10.29	9.89	-2.98	-5.1	1.4	
10,667.0	87.10	0.40	10,325.1	475.5	340.6	13.04	12.84	-2.30	4.8	-0.1	
10,761.0	88.90	359.20	10,328.4	569.4	340.3	2.30	1.91	-1.28	10.3	-0.4	
10,855.0	91.00	359.40	10,328.5	663.4	339.2	2.24	2.23	0.21	12.7	0.0	
10,949.0	91.70	359.60	10,326.3	757.4	338.4	0.77	0.74	0.21	12.3	0.2	
11,042.0	90.20	0.80	10,324.7	850.3	338.7	2.07	-1.61	1.29	12.0	-0.8	
11,137.0	90.10	0.40	10,324.5	945.3	339.7	0.43	-0.11	-0.42	13.2	-2.5	
11,231.0	90.90	0.40	10,323.7	1,039.3	340.3	0.85	0.85	0.00	13.7	-3.8	
11,325.0	89.60	0.30	10,323.2	1,133.3	340.9	1.39	-1.38	-0.11	14.6	-5.0	
11,420.0	90.20	0.20	10,323.4	1,228.3	341.3	0.64	0.63	-0.11	16.1	-6.1	
11,514.0	90.60	0.00	10,322.8	1,322.3	341.5	0.48	0.43	-0.21	16.8	-6.9	
11,608.0	91.00	359.80	10,321.4	1,416.3	341.3	0.48	0.43	-0.21	16.7	-7.4	



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11,702.0	92.50	0.10	10,318.6	1,510.3	341.2	1.63	1.60	0.32	14.7	-8.0	
11,796.0	92.90	0.10	10,314.1	1,604.2	341.4	0.43	0.43	0.00	11.0	-8.9	
11,890.0	92.70	0.60	10,309.6	1,698.0	342.0	0.57	-0.21	0.53	7.3	-10.1	
11,985.0	91.00	0.70	10,306.5	1,793.0	343.0	1.79	-1.79	0.11	5.0	-11.8	
12,079.0	91.30	0.50	10,304.6	1,887.0	344.0	0.38	0.32	-0.21	3.9	-13.5	
12,173.0	91.20	359.80	10,302.5	1,980.9	344.3	0.75	-0.11	-0.74	2.7	-14.4	
12,267.0	92.10	359.10	10,299.8	2,074.9	343.4	1.21	0.96	-0.74	0.8	-14.2	
12,361.0	93.40	359.30	10,295.3	2,168.8	342.1	1.40	1.38	0.21	-2.9	-13.5	
12,458.0	94.10	0.20	10,289.1	2,263.6	341.7	1.20	0.74	0.95	-8.3	-13.8	
12,549.0	92.50	1.60	10,283.8	2,356.4	343.1	2.28	-1.72	1.51	-12.9	-15.9	
12,643.0	91.30	0.50	10,280.6	2,450.3	344.8	1.73	-1.28	-1.17	-15.2	-18.3	
12,738.0	89.00	359.50	10,280.4	2,545.3	344.8	2.64	-2.42	-1.05	-14.6	-18.9	
12,832.0	86.70	1.00	10,283.9	2,639.2	345.2	2.92	-2.45	1.60	-10.3	-20.0	
12,926.0	86.60	357.40	10,289.4	2,733.1	343.9	3.82	-0.11	-3.83	-3.9	-19.4	
13,020.0	85.60	357.00	10,295.8	2,826.7	339.4	1.15	-1.06	-0.43	3.3	-15.4	
13,114.0	88.90	357.00	10,300.3	2,920.5	334.4	3.51	3.51	0.00	8.6	-11.2	
13,209.0	89.30	357.80	10,301.8	3,015.4	330.1	0.94	0.42	0.84	10.9	-7.6	
13,303.0	90.20	358.20	10,302.2	3,109.3	326.8	1.05	0.96	0.43	12.1	-4.9	
13,397.0	89.20	359.50	10,302.7	3,203.3	325.0	1.74	-1.06	1.38	13.4	-3.7	
13,491.0	89.50	359.70	10,303.8	3,297.3	324.3	0.98	0.32	0.21	15.3	-3.7	
13,586.0	90.40	0.00	10,303.9	3,392.3	324.1	1.00	0.95	0.32	16.3	-4.2	
13,680.0	91.10	0.60	10,302.6	3,486.3	324.5	0.98	0.74	0.64	15.8	-5.3	
13,774.0	88.90	0.50	10,302.6	3,580.3	325.5	2.34	-2.34	-0.11	16.7	-6.9	
13,868.0	88.80	0.30	10,304.5	3,674.2	326.1	0.24	-0.11	-0.21	19.4	-8.2	
13,963.0	89.50	0.40	10,305.9	3,769.2	326.7	0.74	0.74	0.11	21.7	-9.5	
14,057.0	90.80	0.80	10,305.7	3,863.2	327.7	1.45	1.38	0.43	22.4	-11.1	
14,151.0	91.80	1.20	10,303.6	3,957.2	329.3	1.15	1.06	0.43	21.2	-13.4	



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14,245.0	89.30	359.90	10,302.7	4,051.2	330.2	3.00	-2.66	-1.38	21.3	-15.0
14,339.0	90.20	0.00	10,303.1	4,145.2	330.1	0.96	0.96	0.11	22.6	-15.6
14,433.0	90.20	359.60	10,302.7	4,239.2	329.8	0.43	0.00	-0.43	23.2	-15.9
14,527.0	91.70	0.00	10,301.2	4,333.1	329.5	1.65	1.60	0.43	22.6	-16.2
14,621.0	90.00	0.10	10,299.8	4,427.1	329.6	1.81	-1.81	0.11	22.1	-17.0
14,716.0	91.00	0.50	10,299.0	4,522.1	330.1	1.13	1.05	0.42	22.3	-18.1
14,810.0	91.00	0.60	10,297.3	4,616.1	331.0	0.11	0.00	0.11	21.6	-19.7
14,904.0	89.10	359.50	10,297.2	4,710.1	331.0	2.34	-2.02	-1.17	22.4	-20.5
14,998.0	90.10	359.40	10,297.9	4,804.1	330.1	1.07	1.06	-0.11	24.1	-20.2
15,092.0	90.40	359.70	10,297.5	4,898.1	329.4	0.45	0.32	0.32	24.8	-20.2
15,186.0	91.80	0.50	10,295.7	4,992.1	329.6	1.72	1.49	0.85	24.0	-21.0
15,280.0	89.70	358.10	10,294.4	5,086.0	328.4	3.39	-2.23	-2.55	23.8	-20.5
15,375.0	90.40	358.00	10,294.4	5,181.0	325.2	0.74	0.74	-0.11	24.8	-17.9
15,469.0	90.60	358.40	10,293.5	5,274.9	322.2	0.48	0.21	0.43	25.0	-15.7
15,563.0	93.20	0.40	10,290.4	5,368.9	321.2	3.49	2.77	2.13	22.9	-15.3
15,657.0	95.30	2.70	10,283.5	5,462.6	323.8	3.31	2.23	2.45	17.0	-18.5
15,752.0	95.40	8.10	10,274.6	5,556.7	332.7	5.66	0.11	5.68	9.6	-27.9
15,847.0	94.20	13.80	10,266.6	5,649.6	350.7	6.11	-1.26	6.00	3.3	-46.7
15,940.0	85.70	7.30	10,266.7	5,740.9	367.7	11.50	-9.14	-6.99	2.9	-64.4
16,035.0	84.80	0.40	10,274.6	5,835.3	374.0	7.30	-0.95	-7.28	12.4	-71.4
16,129.0	85.80	356.40	10,282.3	5,928.9	371.4	4.37	1.06	-4.26	21.6	-69.4
16,223.0	88.40	356.50	10,287.1	6,022.6	365.6	2.77	2.77	0.11	27.4	-64.3
16,317.0	89.20	356.00	10,289.0	6,116.4	359.4	1.00	0.85	-0.53	30.5	-58.8
16,411.0	89.40	355.60	10,290.2	6,210.1	352.6	0.48	0.21	-0.43	32.8	-52.5
16,505.0	90.90	355.60	10,289.9	6,303.8	345.3	1.60	1.60	0.00	33.6	-46.0
16,600.0	89.70	355.50	10,289.4	6,398.5	338.0	1.27	-1.26	-0.11	34.3	-39.3
16,694.0	89.50	354.60	10,290.1	6,492.2	329.9	0.98	-0.21	-0.96	36.1	-31.8



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #301H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3358.0usft (H&P 424)
Site:	Osprey 10	MD Reference:	KB = 25 @ 3358.0usft (H&P 424)
Well:	#301H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
16,788.0	90.30	354.10	10,290.2	6,585.7	320.6	1.00	0.85	-0.53	37.4	-23.3
16,882.0	90.40	353.80	10,289.7	6,679.2	310.7	0.34	0.11	-0.32	37.9	-14.0
16,976.0	89.70	355.60	10,289.6	6,772.8	302.0	2.05	-0.74	1.91	39.0	-8.1
17,071.0	91.00	358.80	10,289.0	6,867.7	297.4	3.64	1.37	3.37	39.6	-2.1
17,165.0	91.70	359.00	10,286.8	6,961.6	295.6	0.77	0.74	0.21	38.5	-0.9
17,259.0	89.70	359.30	10,285.6	7,055.6	294.2	2.15	-2.13	0.32	38.5	-0.2
17,353.0	88.90	358.20	10,286.8	7,149.6	292.1	1.45	-0.85	-1.17	40.8	1.2
17,448.0	87.90	357.20	10,289.4	7,244.5	288.3	1.49	-1.05	-1.05	44.6	4.3
17,542.0	89.00	357.60	10,292.0	7,338.3	284.1	1.25	1.17	0.43	48.3	7.9
17,637.0	90.60	358.20	10,292.3	7,433.3	280.6	1.80	1.68	0.63	49.8	10.7
17,741.0	91.40	358.50	10,290.5	7,537.2	277.6	0.82	0.77	0.29	49.2	13.0
Last MWD Survey (MD=17741.0)										
17,800.0	91.40	358.50	10,289.1	7,596.2	276.0	0.00	0.00	0.00	48.5	14.1
Projection to Bit (MD=17800.0)										

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/S (usft)	+E/W (usft)	Comment
9,645.0	9,635.8	-162.8	195.8	KOP, MD:9645.0', TVD:9635.8', N/S:-162.8', E/W:195.8', INC:3.36
10,356.0	10,219.9	188.6	314.8	FTP Crossing, MD:10356.0', TVD:10219.9', N/S:188.6', E/W:314.8', INC:55.99
17,741.0	10,290.5	7,537.2	277.6	Last MWD Survey (MD=17741.0)
17,800.0	10,289.1	7,596.2	276.0	Projection to Bit (MD=17800.0)

Checked By: _____ Approved By: _____ Date: _____



Lea County, NM (NAD 83 NME)

Osprey 10 #301H

H&P 424

Plan #2

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #301H

KB = 25 @ 3358.0usft (H&P 424) 3333.0
Northing 415148.00 Easting 809711.00 Latitude 32° 5' 18.053 N Longitude 103° 27' 58.640 W

SECTION DETAILS

Sec	MD	Inc	Adj	TVD	+N-S	+E-W	Dleg	TFace	Vsect	Target	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0		
2	6200.0	0.00	0.00	6200.0	0.0	0.0	0.00	0.00	0.0		
3	6530.1	8.60	127.27	6529.4	-11.5	15.1	2.00	127.27	-10.9		
4	7440.0	8.60	127.27	7428.8	-144.5	189.9	0.00	0.00	-137.0		
5	7770.1	0.00	0.00	7768.0	-156.0	205.0	2.00	180.00	-147.9		
6	9744.9	0.00	0.00	9730.8	-156.0	205.0	0.00	0.00	-147.9		
7	10199.9	45.69	22.32	10138.8	2.6	270.1	10.00	22.32	13.0		
8	10701.4	91.37	358.59	10321.0	447.4	340.8	10.00	-30.21	460.3		
9	10951.4	91.37	358.59	10318.0	897.3	339.0	0.00	0.00	710.0	TGT #1(Osprey 10 #301H)	
10	10979.0	90.82	359.59	10314.5	724.9	335.8	2.00	178.91	737.5		
11	11642.3	90.82	359.59	10305.0	1398.1	334.1	0.00	0.00	1400.0	TGT #2(Osprey 10 #301H)	
12	11658.7	90.49	359.59	10304.8	1404.5	334.0	2.00	-179.99	1416.4		
13	12803.5	90.49	359.59	10295.0	2549.3	325.9	0.00	0.00	2550.0	TGT #3(Osprey 10 #301H)	
14	12804.1	90.50	359.59	10295.0	2549.8	325.9	2.00	0.00	2550.6		
15	13944.8	90.50	359.59	10285.0	3690.4	317.9	0.00	0.00	3700.0	TGT #4(Osprey 10 #301H)	
16	13948.3	90.57	359.59	10285.0	3693.9	317.9	2.00	0.00	3703.5		
17	14845.8	90.57	359.59	10275.0	4691.5	310.7	0.00	0.00	4700.0	TGT #5(Osprey 10 #301H)	
18	14849.1	90.64	359.59	10275.0	4694.7	310.7	2.00	0.00	4703.2		
19	15846.9	90.64	359.59	10265.0	5392.4	304.3	0.00	0.00	5600.0	TGT #6(Osprey 10 #301H)	
20	15850.1	90.70	359.59	10265.0	5395.6	304.3	2.00	0.00	5603.2		
21	17731.7	90.70	359.59	10242.0	7477.0	291.0	0.00	0.00	7482.7	TGT #7(Osprey 10 #301H)	
22	17851.7	90.70	359.59	10240.4	7607.0	290.1	0.00	0.00	7612.5	PBHL (Osprey 10 #301H)	

CASING DETAILS

No casing data is available

WELLSBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
Brushy Top (Osprey 10 #301H)	7768.0	-158.0	205.0	416032.00	809916.00
AC TGT (Osprey 10 #301H)	9956.9	-113.0	222.7	416035.03	809933.66
PBHL (Osprey 10 #301H)	10242.0	7477.0	291.0	422625.00	810002.00
TGT #1(Osprey 10 #301H)	10265.0	6592.4	344.3	420740.40	810016.33
TGT #2(Osprey 10 #301H)	10275.0	4691.5	310.7	418939.80	810021.71
TGT #3(Osprey 10 #301H)	10285.0	3690.4	317.9	418938.40	810026.78
TGT #4(Osprey 10 #301H)	10285.0	2549.3	325.9	417597.00	810036.96
TGT #5(Osprey 10 #301H)	10305.0	1398.1	334.1	416536.10	810045.08
TGT #6(Osprey 10 #301H)	10315.0	697.3	339.0	415945.30	810049.96
FTP (Osprey 10 #301H)	10332.0	124.6	345.0	416277.00	810059.00

