



HOBBS OCD

SEP 26 2019

RECEIVED

EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Wild Weasel 22 Fed Com

#701H

OH

Design: OH

Midland PVA

12 June, 2019



Midland PVA

Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Wild Weasel 22 Fed Com
 Well: #701H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #701H
 TVD Reference: KB = 25' @ 3362.0usft
 MD Reference: KB = 25' @ 3362.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM 5000.14

Project Lea County, NM (NAD 83 NME)

Map System: US State Plane 1983
 Geo Datum: North American Datum 1983
 Map Zone: New Mexico Eastern Zone

System Datum: Mean Sea Level

Site Wild Weasel 22 Fed Com

Site Position:		Northing:	409,434.00 usft	Latitude:	32° 7' 21.137 N
From:	Map	Easting:	814,510.00 usft	Longitude:	103° 27' 3.375 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.47 "

Well #701H

Well Position	+N-S	0.0 usft	Northing:	409,434.00 usft	Latitude:	32° 7' 21.137 N
	+E-W	0.0 usft	Easting:	814,510.00 usft	Longitude:	103° 27' 3.375 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,337.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	8/17/2018	6.76	59.97	47,771.13142952

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	178.49

Survey Program Date 8/12/2019

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
200.0	22,877.0	Newsco (OH)	MWD	OWSG MWD - Standard



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0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
200.0	1.20	342.10	200.0	2.0	-0.6	0.60	0.60	0.00	0.0	0.0
349.0	1.60	332.10	348.9	5.3	-2.1	0.31	0.27	-6.71	0.0	0.0
531.0	1.40	314.00	530.9	9.1	-4.9	0.28	-0.11	-9.95	0.0	0.0
688.0	1.90	317.10	687.8	12.3	-8.0	0.32	0.32	1.97	0.0	0.0
873.0	1.80	315.10	872.7	16.6	-12.2	0.06	-0.05	-1.08	0.0	0.0
959.0	0.40	205.50	958.7	17.3	-13.3	2.29	-1.63	-127.44	0.0	0.0
1,052.0	1.70	159.90	1,051.7	15.7	-12.9	1.56	1.40	-49.03	0.0	0.0
1,239.0	1.80	169.50	1,238.6	10.8	-11.5	0.16	-0.05	5.13	0.0	0.0
1,427.0	1.70	150.30	1,426.5	5.6	-9.6	0.30	0.05	-10.21	0.0	0.0
1,520.0	1.60	149.00	1,519.5	3.3	-8.3	0.11	-0.11	-1.40	0.0	0.0
1,707.0	2.60	142.90	1,706.4	-2.4	-4.4	0.55	0.53	-3.26	0.0	0.0
1,895.0	2.80	133.50	1,894.2	-8.9	1.5	0.28	0.11	-5.00	0.0	0.0
2,082.0	3.30	136.90	2,080.9	-16.0	8.5	0.28	0.27	1.82	0.0	0.0
2,268.0	4.00	134.60	2,266.5	-24.5	16.8	0.38	0.38	-1.24	0.0	0.0
2,456.0	3.00	94.50	2,454.2	-29.5	26.4	1.37	-0.53	-21.33	0.0	0.0
2,643.0	3.80	58.40	2,640.9	-26.6	36.5	1.20	0.43	-19.30	0.0	0.0
2,830.0	0.70	355.00	2,827.7	-22.2	41.7	1.89	-1.66	-33.90	0.0	0.0
3,017.0	2.40	299.00	3,014.7	-19.2	38.2	1.12	0.91	-29.95	0.0	0.0
3,205.0	2.90	319.60	3,202.5	-13.6	31.7	0.57	0.27	10.96	0.0	0.0
3,392.0	3.80	335.50	3,389.1	-4.4	26.0	0.69	0.48	8.50	0.0	0.0
3,579.0	4.80	335.20	3,575.8	8.5	20.1	0.59	0.59	-0.16	0.0	0.0
3,767.0	1.90	297.90	3,763.3	17.2	14.0	1.90	-1.60	-19.84	0.0	0.0
3,955.0	1.40	329.00	3,951.2	20.7	10.0	0.54	-0.27	16.54	0.0	0.0
4,141.0	2.60	335.50	4,137.1	26.5	7.1	0.66	0.65	3.49	0.0	0.0
4,328.0	2.20	353.60	4,323.9	33.9	5.0	0.46	-0.21	9.68	0.0	0.0
4,515.0	2.90	355.90	4,510.7	42.2	4.2	0.38	0.37	1.23	0.0	0.0



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4,703.0	6.80	93.80	4,698.2	46.2	15.0	4.12	2.07	52.07	0.0	0.0
4,890.0	2.10	76.80	4,884.6	46.2	29.4	2.58	-2.51	-9.04	0.0	0.0
5,078.0	3.60	97.30	5,072.4	46.3	38.6	0.95	0.80	10.85	0.0	0.0
5,265.0	3.90	50.90	5,259.0	49.5	49.4	1.59	0.18	-24.81	0.0	0.0
5,453.0	4.30	27.80	5,446.6	59.8	57.6	0.90	0.21	-12.29	0.0	0.0
5,640.0	4.30	24.80	5,633.0	72.4	63.8	0.12	0.00	-1.60	0.0	0.0
5,827.0	4.40	27.90	5,819.5	85.1	70.1	0.14	0.05	1.66	0.0	0.0
6,013.0	7.30	33.20	6,004.5	101.3	79.9	1.58	1.56	2.85	0.0	0.0
6,201.0	7.40	32.90	6,191.0	121.4	93.0	0.06	0.05	-0.16	0.0	0.0
6,387.0	6.80	30.90	6,375.5	140.9	105.2	0.35	-0.32	-1.08	0.0	0.0
6,574.0	6.70	28.50	6,561.2	160.0	116.1	0.16	-0.05	-1.28	0.0	0.0
6,760.0	6.90	26.50	6,745.9	179.5	126.3	0.17	0.11	-1.08	0.0	0.0
6,947.0	6.90	26.20	6,931.6	199.7	136.2	0.02	0.00	-0.16	0.0	0.0
7,135.0	5.10	53.60	7,118.6	214.8	147.9	1.77	-0.98	14.57	0.0	0.0
7,322.0	4.30	106.30	7,305.0	217.7	161.4	2.26	-0.43	28.18	0.0	0.0
7,510.0	4.00	105.40	7,492.5	214.0	174.5	0.16	-0.16	-0.48	0.0	0.0
7,697.0	1.20	164.90	7,679.3	210.4	181.3	1.90	-1.50	31.82	0.0	0.0
7,885.0	1.00	182.30	7,867.3	206.9	181.7	0.21	-0.11	9.26	0.0	0.0
8,072.0	1.50	181.80	8,054.3	202.8	181.6	0.27	0.27	-0.27	0.0	0.0
8,259.0	1.40	177.50	8,241.2	198.0	181.6	0.08	-0.05	-2.30	0.0	0.0
8,446.0	1.50	176.80	8,428.1	193.3	181.8	0.05	0.05	-0.37	0.0	0.0
8,634.0	1.50	185.00	8,616.1	188.4	181.7	0.11	0.00	4.36	0.0	0.0
8,822.0	1.50	181.20	8,804.0	183.5	181.5	0.05	0.00	-2.02	0.0	0.0
9,008.0	1.00	182.90	8,990.0	179.5	181.9	0.34	-0.27	-8.84	0.0	0.0
9,195.0	1.00	140.20	9,176.9	176.7	183.4	0.21	0.00	-12.14	0.0	0.0
9,381.0	0.90	82.90	9,362.9	175.6	185.9	0.49	-0.05	-30.81	0.0	0.0
9,568.0	1.50	70.70	9,549.9	176.6	189.7	0.35	0.32	-6.52	0.0	0.0



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9,755.0	3.50	4.20	9,738.7	183.1	182.4	1.72	1.07	-35.56	0.0	0.0
9,942.0	3.60	356.30	9,923.4	194.7	182.5	0.27	0.05	-4.22	0.0	0.0
10,129.0	3.30	355.20	10,110.0	205.9	181.6	0.16	-0.16	-0.59	0.0	0.0
10,316.0	2.50	2.20	10,296.8	215.3	181.3	0.47	-0.43	3.74	0.0	0.0
10,503.0	2.20	346.80	10,483.6	222.9	190.7	0.37	-0.16	-8.24	0.0	0.0
10,690.0	1.80	350.70	10,670.5	229.3	189.4	0.23	-0.21	2.09	0.0	0.0
10,877.0	2.20	312.90	10,857.4	234.6	188.3	0.72	0.21	-20.21	0.0	0.0
11,064.0	2.10	338.40	11,044.3	240.3	182.4	0.51	-0.05	13.84	0.0	0.0
11,251.0	2.00	292.10	11,231.2	244.7	178.1	0.86	-0.05	-24.76	-2.8	0.5
11,438.0	1.80	267.80	11,418.1	245.8	172.1	0.44	-0.11	-12.99	-8.7	-2.1
11,625.0	1.50	284.10	11,605.0	246.3	166.8	0.30	-0.16	8.72	-14.2	1.3
11,812.0	1.30	222.00	11,792.0	245.3	163.0	0.78	-0.11	-33.21	-11.0	-14.1
11,998.0	0.70	260.40	11,885.9	244.4	161.8	0.92	-0.64	40.85	-18.8	-3.5
12,029.0	0.90	359.30	12,008.9	245.3	161.0	0.99	0.16	80.41	-1.4	19.9
12,122.0	0.40	3.10	12,101.9	246.3	161.0	0.54	-0.54	4.09	-1.2	20.0
12,215.0	2.90	210.50	12,194.9	244.6	159.8	3.51	2.69	-164.09	-9.0	-19.2
12,309.0	15.60	206.90	12,287.5	231.2	152.9	13.52	13.51	-3.83	-7.8	-27.5
12,402.0	33.20	195.60	12,371.9	195.3	140.3	19.50	18.92	-12.15	-7.6	-40.4
12,495.0	52.80	182.70	12,439.7	133.0	131.6	23.01	21.08	-13.87	-15.9	-49.8
12,588.0	55.30	174.70	12,494.4	57.9	133.4	7.46	2.69	-8.60	-29.3	-50.6
12,683.0	59.40	171.50	12,545.6	-21.5	143.0	5.16	4.32	-3.37	-32.4	-42.3
12,776.0	65.90	172.90	12,588.3	-103.3	154.2	7.12	6.99	1.51	-26.1	-30.7
12,870.0	76.50	174.90	12,618.6	-191.7	163.6	11.45	11.28	2.13	-14.1	-21.2
12,964.0	82.90	173.70	12,635.4	-283.6	172.8	6.92	6.81	-1.28	0.1	-12.5
13,001.0	83.40	173.40	12,639.8	-320.1	176.9	1.57	1.35	-0.81	4.1	-8.6
13,057.0	87.60	177.00	12,844.2	-375.8	181.6	9.86	7.50	6.43	7.8	-4.5
13,152.0	89.20	177.50	12,846.8	-470.6	186.1	1.76	1.68	0.53	9.6	-0.7



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13,246.0	90.00	176.80	12,647.5	-564.5	180.8	1.13	0.85	-0.74	9.4	3.2
13,339.0	86.10	169.10	12,650.6	-656.6	202.2	9.28	-4.19	-8.28	11.6	13.8
13,432.0	88.00	172.00	12,655.4	-748.2	217.4	3.72	2.04	3.12	15.6	28.3
13,526.0	90.50	181.10	12,658.7	-842.0	223.1	10.04	2.66	9.68	15.9	33.1
13,619.0	90.40	181.70	12,655.9	-934.9	220.8	0.65	-0.11	0.65	14.3	30.1
13,712.0	92.50	183.40	12,653.6	-1,027.8	216.7	2.90	2.26	1.83	11.0	25.2
13,806.0	91.30	183.80	12,650.5	-1,121.6	210.8	1.35	-1.28	0.43	7.1	18.5
13,900.0	87.60	183.00	12,651.4	-1,215.4	205.2	4.03	-3.94	-0.85	7.1	12.1
13,994.0	88.10	183.70	12,654.1	-1,309.2	199.7	1.76	1.60	0.74	9.0	5.8
14,088.0	90.00	183.50	12,654.8	-1,403.0	193.8	0.98	0.96	-0.21	9.4	-0.8
14,182.0	91.20	184.60	12,653.8	-1,496.7	187.2	1.73	1.28	1.17	8.1	-8.2
14,276.0	89.60	180.00	12,653.2	-1,590.6	183.4	5.18	-1.70	-4.89	7.1	-12.8
14,369.0	88.50	176.70	12,654.7	-1,683.6	186.1	3.74	-1.18	-3.55	8.3	-10.9
14,462.0	87.50	175.50	12,658.0	-1,776.3	192.4	1.68	-1.08	-1.29	11.2	-5.4
14,556.0	88.10	176.80	12,661.6	-1,870.0	198.7	1.52	0.64	1.38	14.5	0.1
14,650.0	89.50	178.10	12,663.5	-1,963.9	202.9	2.03	1.49	1.38	16.1	3.5
14,743.0	91.00	179.20	12,663.1	-2,058.9	205.1	2.00	1.61	1.18	15.4	4.9
14,836.0	93.50	178.80	12,659.5	-2,149.8	206.7	2.72	2.69	-0.43	11.4	5.7
14,929.0	89.40	177.70	12,657.1	-2,242.7	209.5	4.56	-4.41	-1.18	8.8	7.8
15,023.0	88.10	175.80	12,658.4	-2,336.5	214.9	2.05	-0.32	-2.02	9.7	12.3
15,117.0	89.10	178.10	12,659.8	-2,430.4	219.9	2.45	0.00	2.45	10.8	16.5
15,211.0	89.30	178.70	12,661.1	-2,524.3	222.5	0.67	0.21	0.64	11.8	18.4
15,304.0	87.50	180.00	12,663.7	-2,617.3	223.5	2.39	-1.94	1.40	14.1	18.6
15,397.0	88.70	181.30	12,666.8	-2,710.2	222.5	1.90	1.29	1.40	16.8	16.8
15,491.0	89.70	181.60	12,668.1	-2,804.2	220.1	1.11	1.06	0.32	17.8	13.6
15,585.0	88.70	180.30	12,669.4	-2,898.1	218.6	1.74	-1.06	-1.38	18.8	11.2
15,679.0	89.40	179.50	12,671.0	-2,992.1	218.7	1.13	0.74	-0.85	20.0	10.6



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18,302.0	86.90	177.50	12,877.1	-5,812.8	244.6	0.44	-0.43	0.11	11.3	14.4	
18,385.0	87.20	178.00	12,881.9	-5,705.6	248.3	0.63	0.32	0.54	15.6	17.2	
18,489.0	89.50	178.80	12,884.6	-5,799.5	250.9	2.59	2.45	0.85	17.7	19.0	
18,583.0	90.30	179.30	12,884.7	-5,893.5	252.5	1.00	0.85	0.53	17.4	19.8	
18,676.0	90.20	179.60	12,884.3	-5,988.5	253.4	0.34	-0.11	0.32	16.4	19.9	
18,770.0	90.40	179.80	12,883.9	-6,080.5	254.0	0.21	0.21	0.00	15.4	19.8	
18,864.0	90.30	180.00	12,883.3	-6,174.5	254.3	0.44	-0.11	0.43	14.2	19.3	
18,957.0	89.80	179.80	12,883.4	-6,267.5	254.5	0.78	-0.75	-0.22	13.8	18.7	
19,051.0	90.20	179.80	12,883.5	-6,361.5	254.8	0.64	0.64	0.00	13.4	18.2	
19,145.0	89.80	179.50	12,883.4	-6,455.5	255.4	0.45	-0.32	-0.32	12.8	18.0	
19,239.0	90.20	179.60	12,883.4	-6,549.5	256.1	0.34	0.32	0.11	12.1	17.9	
19,332.0	91.30	180.20	12,882.1	-6,642.5	256.3	1.35	1.18	0.65	10.3	17.3	
19,426.0	89.50	180.90	12,881.5	-6,736.5	255.4	2.05	-1.91	0.74	9.2	15.6	
19,519.0	90.20	181.30	12,881.7	-6,829.5	253.6	0.87	0.75	0.43	8.8	13.0	
19,613.0	88.80	180.70	12,882.5	-6,923.4	252.0	1.62	-1.49	-0.84	8.1	10.6	
19,706.0	89.80	180.60	12,883.7	-7,016.4	250.9	1.08	1.08	-0.11	9.7	8.8	
19,800.0	89.70	180.30	12,884.1	-7,110.4	250.2	0.34	-0.11	-0.32	9.6	7.2	
19,894.0	91.30	180.70	12,883.3	-7,204.4	249.4	1.75	1.70	0.43	8.2	5.6	
19,987.0	91.80	181.30	12,880.7	-7,297.4	247.7	0.91	0.65	0.65	4.6	3.2	
20,080.0	87.60	179.70	12,881.1	-7,390.3	246.9	4.93	-4.62	-1.72	4.1	1.6	
20,173.0	87.40	179.50	12,885.1	-7,483.2	247.6	0.30	-0.22	-0.22	7.2	1.5	
20,267.0	90.30	181.00	12,887.0	-7,577.2	247.2	3.47	3.09	1.60	8.2	0.3	
20,360.0	89.80	181.60	12,886.9	-7,670.2	245.1	0.84	-0.54	0.65	7.2	-2.6	
20,453.0	90.20	182.00	12,886.9	-7,763.1	242.1	0.61	0.43	0.43	6.2	-6.3	
20,546.0	86.20	179.60	12,888.9	-7,856.0	240.8	5.01	-4.30	-2.58	8.2	-8.4	
20,639.0	86.20	179.80	12,896.0	-7,948.8	241.3	0.21	0.00	0.22	13.4	-8.7	
20,733.0	86.90	180.40	12,701.7	-8,042.7	241.2	0.98	0.74	0.64	18.2	-9.7	



Midland PVA

Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Wild Weasel 22 Fed Com
 Well: #701H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #701H
 TVD Reference: KB = 25' @ 3382.0usft
 MD Reference: KB = 25' @ 3382.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 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)
20,826.0	91.60	180.20	12,702.9	-8,135.6	240.7	5.06	5.05	-0.22	18.4	-11.0
20,920.0	91.30	180.20	12,700.5	-8,229.8	240.3	0.32	-0.32	0.00	15.1	-12.1
21,013.0	90.80	180.00	12,698.7	-8,322.6	240.2	0.48	-0.43	-0.22	12.4	-13.0
21,107.0	91.80	180.00	12,696.5	-8,416.6	240.2	0.98	0.98	0.00	9.3	-13.8
21,200.0	91.10	179.00	12,694.2	-8,509.5	241.0	1.31	-0.75	-1.08	6.0	-13.8
21,292.0	89.10	176.50	12,694.0	-8,601.4	244.6	3.48	-2.17	-2.72	4.9	-11.0
21,386.0	89.60	177.60	12,695.1	-8,695.3	249.4	1.29	0.53	1.17	5.0	-8.9
21,479.0	90.20	178.00	12,695.2	-8,788.2	253.0	0.78	0.65	0.43	4.2	-4.2
21,573.0	89.10	177.30	12,695.8	-8,882.2	256.9	1.39	-1.17	-0.74	3.9	-1.1
21,667.0	88.80	176.20	12,697.5	-8,976.0	262.2	1.21	-0.32	-1.17	4.7	3.4
21,760.0	88.10	176.90	12,700.1	-9,068.8	267.8	1.06	-0.75	0.75	6.2	8.3
21,853.0	90.10	174.90	12,701.5	-9,161.5	274.4	3.04	2.15	-2.15	6.8	14.1
21,946.0	86.00	176.60	12,704.7	-9,254.2	281.3	4.77	-4.41	1.83	8.9	20.2
22,039.0	87.40	179.50	12,710.0	-9,347.0	284.5	3.46	1.51	3.12	13.4	22.6
22,133.0	87.50	182.00	12,714.2	-9,440.9	283.3	2.68	0.11	2.66	16.7	20.5
22,226.0	88.30	182.10	12,717.6	-9,533.7	279.9	0.87	0.86	0.11	19.2	16.4
22,320.0	88.80	183.10	12,719.2	-9,627.6	275.7	1.92	1.60	1.06	19.8	11.4
22,414.0	88.30	184.30	12,720.7	-9,721.4	269.6	2.04	-1.60	1.28	20.4	4.5
22,507.0	88.80	182.50	12,723.1	-9,814.2	264.1	2.01	0.54	-1.94	21.8	-1.8
22,601.0	87.20	181.60	12,726.4	-9,908.1	260.7	1.95	-1.70	-0.96	24.2	-5.9
22,695.0	90.30	185.20	12,728.4	-10,001.9	255.2	5.05	3.30	3.83	25.3	-12.3
22,788.0	90.30	185.70	12,727.9	-10,094.5	246.3	0.54	0.00	0.54	23.9	-21.8
22,825.0	89.40	183.10	12,728.0	-10,131.3	243.5	7.44	-2.43	-7.03	23.6	-25.0
22,877.0	89.40	183.10	12,728.6	-10,183.3	240.7	0.00	0.00	0.00	23.6	-28.3



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #701H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3362.0usft
Site:	Wild Weasel 22 Fed Com	MD Reference:	KB = 25' @ 3362.0usft
Well:	#701H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N-S (usft)	+E-W (usft)	
12,172.0	12,151.9	246.0	160.7	KOP, MD:12172.0', TVD:12151.9', N/S:246.0', E/W:160.7', INC:1.40
12,456.2	12,414.1	162.0	134.0	FTP Crossing, MD:12456.2', TVD:12414.1', N/S:162.0', E/W:134.0', INC:44.46
22,825.0	12,728.0	-10,131.3	243.5	Last MWD Survey (MD=22825.0')
22,877.0	12,728.6	-10,183.3	240.7	Projection to Bit (MD=22877.0')

Checked By: _____ Approved By: _____ Date: _____



Lea County, NM (NAD 83 NME)
Wild Weasel 22 Fed Com #701H
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: #701H

KB = 25' @ 3382.0m 3337.0
Northing 409434.00 Easting 814510.20 Latitude 32° 7' 21.137 N Longitude 103° 27' 3.378 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/S	+E/W	Dleg	TFace	VSeet	Target
1	11064.0	2.10	338.40	11044.3	240.3	182.4	0.00	0.00	-235.4	
2	11123.0	2.10	338.40	11103.2	242.3	181.6	0.00	0.00	-237.4	
3	11228.0	0.00	0.00	11208.2	244.1	180.9	2.00	180.00	-239.2	
4	12177.3	0.00	0.00	12157.5	244.1	180.9	0.00	0.00	-239.2	
5	12922.8	89.48	179.52	12834.9	-228.9	184.8	12.00	179.52	233.7	
6	13966.3	89.48	179.52	12645.0	-1292.3	193.7	0.00	0.00	1297.0	TGT#1 (WW 22 FC #701H)
7	14003.4	89.80	179.51	12645.1	-1309.4	193.9	2.00	-1.07	1314.1	TGT#2(WW 22 FC #701H)
8	15845.8	89.80	179.51	12655.0	-4151.7	217.9	0.00	0.00	4156.0	
9	16857.3	89.57	179.51	12655.1	-4163.2	216.0	2.00	180.00	4167.5	TGT#3(WW 22 FC #701H)
10	18182.1	89.57	179.51	12665.0	-5487.9	229.2	0.00	0.00	5492.0	
11	18186.8	89.66	179.51	12665.0	-5492.6	229.3	2.00	0.00	5496.7	TGT#4 (WW 22 FC #701H)
12	19884.4	89.66	179.51	12675.0	-7190.1	243.8	0.00	0.00	7194.0	
13	19896.3	89.43	179.51	12675.1	-7202.0	243.7	2.00	180.00	7205.9	
14	22880.5	89.43	179.51	12705.0	-10186.0	269.0	0.00	0.00	10189.6	PBHL (WW 22 FC #701H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/S	+E/W	Northing	Easting
Brushy Top(WW 22 FC #701H)	7714.0	212.0	182.0	409648.00	814632.00
FTP (WW 22 FC #701H)	12835.0	182.0	182.0	409596.00	814632.00
TGT#1 (WW 22 FC #701H)	13845.0	-1262.3	193.7	409141.70	814703.71
TGT#2(WW 22 FC #701H)	12633.0	-4161.7	217.9	408282.30	814727.92
TGT#3(WW 22 FC #701H)	12683.0	-4077.9	229.2	408348.10	814733.23
TGT#4 (WW 22 FC #701H)	12675.0	-7190.1	243.8	408243.80	814733.64
PBHL (WW 22 FC #701H)	12705.0	-10186.0	269.0	399248.00	814779.00

