

HOBBS OCD
SEP 20 2019
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EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Dillon 31 Fed Com

#706H

OH

Design: OH

Midland PVA

22 July, 2019



Midland PVA

Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Dillon 31 Fed Com
 Well: #706H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #706H
 TVD Reference: KB = 25' @ 3457.0usft
 MD Reference: KB = 25' @ 3457.0usft
 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	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Dillon 31 Fed Com		
Site Position:		Northing:	425,686.00 usft
From:	Map	Easting:	787,851.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 10' 3.262 N
		Longitude:	103° 30' 15.624 W
		Grid Convergence:	0.44 °

Well	#706H		
Well Position	+N-S	0.0 usft	Northing:
	+E-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft		Wellhead Elevation:
			Latitude:
			Longitude:
			Ground Level:

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	11/14/2018	(°)
			6.76
			Dip Angle
			(°)
			60.00
			Field Strength
			(nT)
			47,766.75888276

Design	OH		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
Vertical Section:		Tie On Depth:	0.0
	Depth From (TVD)	+N-S	+E/W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			1.13



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Survey Program		Date 7/22/2019		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
125.0	1,296.0	Intrepid MWD (OH)	MWD	OWSG MWD - Standard
1,415.0	19,804.0	HTMWD (OH)	MWD	OWSG MWD - Standard

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
125.0	1.70	85.00	125.0	-0.2	1.8	1.36	1.36	0.00	-1.9	0.0
302.0	4.40	23.70	301.8	5.8	7.2	2.36	1.53	-40.28	-8.2	-4.3
477.0	2.90	53.30	476.4	14.6	13.4	1.35	-0.88	16.91	-19.5	3.7
662.0	1.50	131.80	661.3	15.8	19.0	1.61	-0.78	42.43	-3.6	24.4
849.0	3.70	135.00	848.1	9.9	25.1	1.18	1.18	1.71	-10.7	24.8
1,037.0	3.90	188.30	1,035.7	-0.7	28.5	1.81	0.11	28.35	3.4	28.3
1,224.0	2.70	214.40	1,222.4	-10.6	25.1	1.01	-0.64	13.96	5.4	26.7
1,296.0	2.80	208.90	1,294.4	-13.6	23.2	0.39	0.14	-7.64	-0.7	26.9
1,415.0	3.03	217.96	1,413.2	-18.6	19.9	0.43	0.19	7.61	-2.4	27.1
1,603.0	1.45	145.01	1,601.1	-24.5	18.2	1.57	-0.84	-38.80	-30.5	0.9
1,780.0	1.58	173.49	1,788.0	-29.0	19.9	0.40	0.07	15.23	-31.0	16.5
1,976.0	1.41	167.07	1,974.0	-33.7	20.7	0.13	-0.09	-3.45	-37.5	12.6
2,162.0	0.92	173.05	2,159.9	-37.5	21.4	0.27	-0.26	3.22	-39.8	16.7
2,349.0	1.14	163.12	2,346.9	-40.7	22.1	0.15	0.12	-5.31	-45.4	9.3
2,535.0	1.36	120.58	2,532.8	-43.6	24.5	0.50	0.12	-22.87	-43.1	-25.0
2,723.0	5.71	115.39	2,720.4	-48.8	34.9	2.32	2.31	-2.76	-44.5	-25.8
2,910.0	6.77	111.35	2,906.3	-56.8	53.6	0.61	0.57	-2.16	-46.2	-21.3
3,097.0	7.21	109.42	3,091.9	-64.7	74.9	0.27	0.24	-1.03	-51.0	-14.0
3,286.0	7.21	123.21	3,279.5	-75.1	98.0	0.91	0.00	7.30	-57.1	6.1
3,472.0	8.53	121.11	3,463.7	-88.6	117.6	0.73	0.71	-1.13	-64.1	9.1



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Survey

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3,659.0	5.54	126.20	3,649.3	-101.1	138.7	1.83	-1.60	2.72	-66.8	19.7
3,847.0	5.23	151.34	3,836.5	-114.0	148.2	1.26	-0.18	13.37	-49.9	45.3
4,035.0	5.58	148.09	4,023.6	-129.3	157.1	0.25	0.19	-1.73	-50.8	38.3
4,222.0	6.42	138.51	4,209.6	-144.9	168.9	0.70	0.45	-5.12	-56.3	27.5
4,410.0	6.59	141.14	4,396.4	-161.1	182.6	0.18	0.09	1.40	-56.7	29.2
4,597.0	7.52	137.45	4,582.0	-178.5	197.6	0.55	0.50	-1.97	-61.9	24.8
4,785.0	4.70	135.43	4,768.9	-193.1	211.3	1.50	-1.50	-1.07	-63.1	22.9
4,972.0	4.09	132.09	4,955.4	-203.0	221.6	0.35	-0.33	-1.79	-59.2	20.8
5,160.0	1.80	123.57	5,143.1	-209.1	229.1	1.24	-1.22	-4.53	-52.0	15.4
5,346.0	1.14	120.84	5,329.0	-211.7	233.1	0.38	-0.35	-1.47	-38.8	18.3
5,533.0	1.19	104.23	5,518.0	-213.1	236.6	0.18	0.03	-8.88	-29.8	16.5
5,720.0	1.01	86.39	5,703.0	-213.5	240.1	0.21	-0.10	-9.54	-29.2	15.5
5,908.0	0.84	84.81	5,888.9	-213.3	243.1	0.09	-0.08	-0.85	-31.7	16.0
6,093.0	1.01	66.35	6,075.9	-212.5	246.0	0.18	0.09	-8.87	-38.0	4.7
6,279.0	1.10	50.70	6,261.9	-210.7	248.9	0.16	0.05	-8.41	-41.3	-6.2
6,466.0	1.27	49.83	6,448.8	-208.2	251.8	0.09	0.09	-0.47	-45.0	-6.9
6,652.0	1.23	46.13	6,634.8	-205.5	254.8	0.05	-0.02	-1.89	-48.5	-9.8
6,745.0	1.10	51.23	6,727.8	-204.2	256.3	0.18	-0.14	5.48	-51.1	-5.4
6,932.0	1.45	120.05	6,914.7	-204.3	259.7	0.79	0.19	36.80	-26.6	47.4
7,118.0	1.23	120.40	7,100.7	-206.5	263.5	0.12	-0.12	0.19	-30.6	47.5
7,305.0	0.97	115.57	7,287.7	-208.2	266.8	0.15	-0.14	-2.58	-38.1	44.8
7,492.0	0.92	293.81	7,474.7	-208.3	269.7	1.01	-0.03	95.32	39.5	-43.4
7,680.0	1.36	294.25	7,662.6	-206.7	263.3	0.23	0.23	0.23	35.5	-43.7
7,867.0	0.88	294.34	7,849.6	-205.2	259.9	0.26	-0.26	0.05	31.7	-43.7
8,054.0	0.79	222.09	8,036.6	-205.6	257.8	0.53	-0.05	-38.64	49.8	15.5
8,242.0	0.66	187.64	8,224.5	-207.6	256.8	0.24	-0.07	-18.32	30.0	40.1
8,429.0	0.75	188.08	8,411.5	-209.9	256.4	0.05	0.05	0.24	28.0	39.9



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8,616.0	0.53	159.25	8,598.5	-211.9	256.8	0.20	-0.12	-15.42	3.3	47.9
8,804.0	0.84	187.02	8,788.5	-214.1	256.7	0.24	0.18	14.77	23.1	41.2
8,992.0	1.05	177.62	8,974.5	-217.2	256.6	0.14	0.11	-5.00	13.0	44.2
9,179.0	0.97	193.88	9,161.5	-220.5	256.3	0.18	-0.04	8.70	21.6	39.3
9,365.0	0.97	196.16	9,347.4	-223.5	255.5	0.02	0.00	1.23	20.0	38.4
9,553.0	1.01	193.88	9,535.4	-228.6	254.7	0.03	0.02	-1.21	15.2	39.1
9,739.0	0.40	210.14	9,721.4	-228.8	253.9	0.34	-0.33	8.74	23.3	33.8
9,928.0	0.53	289.86	9,910.4	-229.1	252.8	0.32	0.07	42.18	36.4	-16.3
10,114.0	1.41	344.70	10,096.4	-228.6	251.4	0.64	0.47	29.48	4.9	-38.4
10,302.0	1.58	332.48	10,284.3	-222.0	249.6	0.19	0.09	-6.50	8.0	-37.0
10,489.0	0.92	306.47	10,471.2	-218.9	247.2	0.46	-0.35	-13.91	19.7	-30.9
10,677.0	1.32	318.42	10,659.2	-216.3	244.5	0.25	0.21	6.36	9.2	-34.0
10,863.0	1.58	310.77	10,845.2	-213.1	241.1	0.17	0.14	-4.11	8.9	-32.7
11,050.0	0.92	330.20	11,032.1	-210.1	238.4	0.41	-0.35	10.39	-6.4	-33.0
11,237.0	0.97	335.29	11,219.1	-207.3	237.0	0.05	0.03	2.72	-12.4	-32.1
11,424.0	0.97	314.46	11,408.1	-204.8	235.2	0.19	0.00	-11.14	-3.2	-35.0
11,611.0	2.77	275.62	11,593.0	-203.2	229.6	1.13	0.98	-20.77	13.7	-30.3
11,699.0	2.33	261.82	11,680.9	-203.3	225.7	0.85	-0.50	-15.68	16.7	-26.6
11,790.0	2.55	263.75	11,771.8	-203.8	221.9	0.26	0.24	2.12	11.9	-27.1
11,835.0	2.42	267.00	11,816.7	-203.9	219.9	0.43	-0.29	7.22	8.4	-27.7
11,929.0	18.15	349.71	11,909.1	-189.5	215.3	19.15	16.73	87.99	-37.4	-9.3
12,023.0	36.79	2.36	11,992.2	-148.6	213.8	20.68	19.83	13.46	-60.3	1.3
12,117.0	44.04	1.13	12,083.7	-85.7	215.6	7.76	7.71	-1.31	-83.2	-1.9
12,211.0	51.43	0.34	12,126.9	-16.2	216.5	7.89	7.86	-0.84	-96.3	-4.4
12,303.0	51.21	0.34	12,184.4	55.6	216.9	0.24	-0.24	0.00	-92.7	-5.8
12,397.0	57.63	0.87	12,239.1	132.0	217.8	6.85	6.83	0.56	-71.9	-7.6
12,490.0	66.55	359.64	12,282.6	214.1	218.1	9.66	9.59	-1.32	-43.4	-9.3



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12,584.0	81.54	0.52	12,308.3	304.3	218.2	15.97	15.95	0.94	-19.6	-9.8	
12,678.0	81.85	359.90	12,321.9	397.3	218.6	0.73	0.33	-0.68	-7.3	-10.9	
12,771.0	82.95	358.94	12,334.2	489.5	217.6	1.56	1.18	-1.03	3.8	-10.7	
12,865.0	90.29	0.08	12,339.8	583.2	216.8	7.90	7.81	1.21	8.1	-10.7	
12,959.0	91.87	1.05	12,338.0	677.2	217.8	1.97	1.68	1.03	5.1	-12.4	
13,053.0	89.05	2.89	12,337.2	771.1	221.0	3.58	-3.00	1.96	3.0	-16.4	
13,145.0	89.14	1.84	12,338.7	863.0	224.8	1.15	0.10	-1.14	3.3	-21.0	
13,239.0	91.60	359.29	12,338.1	957.0	225.7	3.77	2.62	-2.71	1.4	-22.7	
13,332.0	92.53	359.90	12,334.7	1,049.9	225.1	1.20	1.00	0.66	-3.1	-22.8	
13,426.0	92.62	358.41	12,330.5	1,143.8	223.7	1.59	0.10	-1.59	-6.6	-22.2	
13,520.0	89.45	358.50	12,328.8	1,237.8	221.1	3.37	-3.37	0.10	-11.5	-20.5	
13,613.0	89.58	359.64	12,329.6	1,330.8	219.6	1.23	0.14	1.23	-11.7	-19.7	
13,707.0	91.43	1.93	12,328.8	1,424.7	220.9	3.13	1.97	2.44	-11.4	-21.8	
13,800.0	87.69	359.90	12,328.5	1,517.7	222.4	4.58	-4.02	-2.18	-9.5	-24.1	
13,894.0	88.97	356.48	12,332.2	1,611.6	219.4	3.88	1.38	-3.84	-5.6	-21.9	
13,987.0	92.62	358.23	12,330.9	1,704.5	215.2	4.35	3.92	1.88	-5.7	-18.4	
14,080.0	88.66	358.94	12,329.9	1,797.4	212.9	4.33	-4.26	0.76	-5.6	-16.9	
14,174.0	90.68	359.46	12,330.4	1,891.4	211.5	2.22	2.15	0.55	-3.8	-16.3	
14,268.0	92.75	358.94	12,327.6	1,985.3	210.2	2.27	2.20	-0.55	-5.5	-15.8	
14,361.0	92.09	0.08	12,323.7	2,078.3	209.4	1.42	-0.71	1.23	-8.2	-15.8	
14,455.0	89.80	357.88	12,322.1	2,172.2	207.8	3.38	-2.44	-2.34	-6.6	-14.9	
14,549.0	89.41	358.59	12,322.8	2,266.2	204.9	0.86	-0.41	0.76	-6.7	-12.8	
14,643.0	88.79	359.64	12,324.6	2,360.1	203.1	1.04	-0.53	0.90	-3.4	-12.0	
14,737.0	88.97	1.22	12,326.4	2,454.1	203.8	1.71	0.19	1.70	-0.4	-13.5	
14,832.0	91.91	359.73	12,325.7	2,548.1	204.5	3.54	3.16	-1.60	0.1	-15.0	
14,926.0	90.55	357.79	12,323.7	2,642.0	202.5	2.52	-1.45	-2.06	-0.7	-13.8	
15,020.0	88.29	355.16	12,326.3	2,735.8	198.7	5.33	-4.53	-2.80	3.1	-8.8	



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15,133.0	90.24	358.65	12,328.1	2,848.5	180.1	4.54	4.25	1.60	7.0	-2.9	
15,228.0	90.55	357.27	12,328.5	2,942.4	185.2	0.75	0.33	0.87	8.3	1.2	
15,320.0	89.01	358.15	12,328.8	3,036.3	181.4	1.89	-1.64	0.84	10.7	4.2	
15,414.0	89.49	358.76	12,330.1	3,130.2	178.9	0.83	0.51	0.85	14.1	6.0	
15,508.0	91.52	0.08	12,328.3	3,222.2	177.9	2.63	2.21	1.43	15.3	6.1	
15,600.0	90.51	359.99	12,327.6	3,316.2	178.0	1.08	-1.07	-0.10	15.7	5.3	
15,694.0	90.88	358.50	12,326.5	3,410.2	176.8	1.83	0.37	-1.59	16.7	5.7	
15,788.0	92.75	359.99	12,323.5	3,504.1	175.5	2.56	2.01	1.59	15.8	6.2	
15,881.0	92.35	359.73	12,319.4	3,597.0	175.3	0.51	-0.43	-0.28	13.7	5.6	
15,974.0	91.30	359.90	12,316.4	3,690.0	175.0	1.14	-1.13	0.18	12.9	5.1	
16,068.0	88.00	0.17	12,317.0	3,784.0	175.0	3.52	-3.51	0.29	15.5	4.3	
16,161.0	87.60	0.70	12,320.5	3,878.9	175.8	0.71	-0.43	0.57	21.2	2.8	
16,254.0	91.65	1.66	12,321.2	3,969.9	177.7	4.48	4.35	1.03	23.8	0.1	
16,348.0	93.41	0.96	12,317.0	4,063.7	179.8	2.01	1.87	-0.74	21.8	-2.8	
16,441.0	94.33	0.52	12,310.7	4,156.5	181.0	1.10	0.99	-0.47	17.6	-4.8	
16,534.0	93.45	359.38	12,304.4	4,249.3	180.9	1.55	-0.95	-1.23	13.3	-5.5	
16,627.0	90.33	357.79	12,301.4	4,342.2	178.6	3.76	-3.35	-1.71	12.3	-4.0	
16,721.0	90.64	358.41	12,300.6	4,436.2	175.5	0.74	0.33	0.66	13.6	-1.6	
16,815.0	91.47	359.38	12,298.8	4,530.1	173.7	1.36	0.88	1.03	14.0	-0.6	
16,907.0	89.10	359.20	12,298.4	4,622.1	172.8	2.58	-2.58	-0.20	15.6	-0.2	
17,000.0	89.71	1.31	12,299.3	4,715.1	173.0	2.36	0.66	2.27	19.1	-1.4	
17,093.0	91.34	3.07	12,298.5	4,808.0	176.5	2.58	1.75	1.89	21.4	-5.7	
17,187.0	92.31	0.52	12,295.5	4,901.9	179.5	2.90	1.03	-2.71	21.6	-9.5	
17,281.0	93.58	0.17	12,290.7	4,995.8	180.0	1.40	1.35	-0.37	20.0	-10.8	
17,375.0	95.43	0.78	12,283.3	5,089.5	180.8	2.07	1.97	0.65	15.8	-12.4	
17,469.0	93.14	359.03	12,276.3	5,183.2	180.7	3.06	-2.44	-1.86	12.0	-13.0	
17,562.0	92.75	359.64	12,271.5	5,276.1	179.6	0.78	-0.42	0.66	10.4	-12.7	



Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Dillon 31 Fed Com
Well: #706H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #706H
TVD Reference: KB = 25' @ 3457.0usft
MD Reference: KB = 25' @ 3457.0usft
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)	DLog (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
17,656.0	92.84	358.67	12,266.9	5,370.0	178.2	1.04	0.10	-1.03	9.0	-12.1
17,749.0	89.54	358.32	12,265.0	5,462.9	175.8	3.57	-3.55	-0.38	10.3	-10.5
17,843.0	88.35	359.46	12,266.7	5,556.9	173.9	1.75	-1.27	1.21	15.2	-9.5
17,937.0	89.85	0.28	12,268.2	5,650.8	173.7	1.81	1.60	0.85	20.0	-10.0
18,032.0	90.15	1.13	12,268.2	5,745.8	174.9	0.97	0.32	0.92	23.2	-11.9
18,126.0	92.09	0.70	12,268.3	5,839.8	176.4	2.11	2.08	-0.46	24.6	-14.2
18,219.0	91.12	357.62	12,263.7	5,932.7	175.0	3.47	-1.04	-3.31	24.7	-13.7
18,312.0	92.97	357.97	12,260.4	6,025.6	171.4	2.02	1.99	0.38	24.2	-10.9
18,406.0	91.78	358.74	12,256.5	6,119.4	167.1	1.82	-1.27	-1.31	23.0	-7.3
18,499.0	92.22	355.69	12,253.3	6,212.2	161.0	1.22	0.47	-1.13	22.5	-2.0
18,592.0	90.46	355.95	12,251.1	6,304.9	154.2	1.91	-1.89	0.28	23.1	4.0
18,686.0	80.33	356.92	12,250.4	6,398.7	148.3	1.04	-0.14	1.03	25.3	9.1
18,780.0	91.38	356.92	12,249.0	6,492.6	143.3	1.12	1.12	0.00	26.7	13.3
18,873.0	92.66	357.62	12,245.8	6,585.4	138.9	1.57	1.38	0.75	25.5	17.0
18,966.0	92.04	358.94	12,242.0	6,678.3	136.1	1.57	-0.67	1.42	23.6	19.0
19,060.0	91.82	358.67	12,238.8	6,772.2	134.1	0.37	-0.23	-0.29	22.4	20.2
19,153.0	93.27	359.11	12,234.7	6,865.1	132.3	1.63	1.56	0.47	20.1	21.2
19,246.0	92.48	0.43	12,230.0	6,958.0	131.9	1.65	-0.85	1.42	17.4	20.8
19,340.0	91.34	1.22	12,226.8	7,051.9	133.3	1.48	-1.21	0.84	16.2	18.7
19,433.0	91.30	1.66	12,224.7	7,144.8	135.6	0.47	-0.04	0.47	15.9	15.6
19,527.0	91.03	2.36	12,222.8	7,238.8	138.9	0.80	-0.29	0.74	15.9	11.5
19,621.0	92.40	4.21	12,220.0	7,332.6	144.3	2.45	1.46	1.97	15.0	5.3
19,715.0	94.46	5.97	12,214.4	7,426.0	152.6	2.88	2.19	1.87	11.4	-3.7
19,739.0	95.34	6.23	12,212.3	7,449.8	155.2	3.82	3.67	1.08	9.8	-8.5
19,804.0	95.34	6.23	12,206.3	7,514.1	162.2	0.00	0.00	0.00	5.2	-14.0



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #706H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3457.0usft
Site:	Dillon 31 Fed Cam	MD Reference:	KB = 25' @ 3457.0usft
Well:	#706H	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)	
11,845.0	11,826.7	-203.8	219.5	KOP, MD:11845.0', TVD:11826.7', N/S:-203.8', E/W:219.5', INC:3.08
11,950.9	11,929.7	-182.0	214.3	FTP Crossing, MD:11950.9', TVD:11929.7', N/S:-182.0', E/W:214.3', INC:22.38
19,739.0	12,212.3	7,449.8	155.2	Last MWD Survey (MD=19739.0')
19,804.0	12,206.3	7,514.1	162.2	Projection to Bit (MD=19804.0')

Checked By: _____ Approved By: _____ Date: _____



Lea County, NM (NAD 83 NME)

Dillon 31 Fed Com #706H

Plan #1

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: #706H

KB = 25' @ 3457.0ust
Northing 425691.00 Easting 768519.00 Latitude 32° 10' 3.261 N Longitude 103° 30' 7.899 W

To convert a Magnetic Direction to a Grid Direction, Add 0.32°
To convert a Magnetic Direction to a True Direction, Add 0.70° East
To convert a True Direction to a Grid Direction, Subtract 0.64°

SECTION DETAILS

Seq	MD	Ino	Adj	TVD	+N-8	+E-W	Dleg	TFace	Vbect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2500.0	0.00	0.00	2500.0	0.0	0.0	0.00	0.00	0.0	
3	2799.8	6.00	137.44	2799.2	-11.5	10.8	2.00	137.44	-11.3	
4	5519.2	6.00	137.44	5499.8	-220.8	202.4	0.00	0.00	-218.4	
5	5814.9	0.00	0.00	5799.0	-232.0	213.0	2.00	180.00	-227.8	
6	11865.6	0.00	0.00	11849.7	-232.0	213.0	0.00	0.00	-227.8	
7	12609.3	89.24	359.52	12327.1	239.1	209.1	12.00	359.52	243.2	
8	13856.6	89.24	359.52	12341.0	1288.3	200.3	0.00	0.00	1290.0	TGT#1(Dillon 31 Fed Com #706H)
9	13731.0	90.73	359.52	12341.0	1380.7	199.7	2.00	0.00	1384.4	TGT#2(Dillon 31 Fed Com #706H)
10	16326.4	90.73	359.52	12332.0	2854.9	187.1	0.00	0.00	2858.0	
11	16262.7	91.27	359.52	12321.5	2882.2	168.9	2.00	0.00	2885.3	TGT#3(Dillon 31 Fed Com #706H)
12	17029.5	91.27	359.52	12282.0	4658.5	172.0	0.00	0.00	4661.0	TGT#4(Dillon 31 Fed Com #706H)
13	17063.9	91.88	359.52	12281.0	4692.9	171.7	2.00	0.00	4695.3	
14	18203.8	91.88	359.52	12242.0	5531.9	182.2	0.00	0.00	5534.0	TGT#5(Dillon 31 Fed Com #706H)
15	18210.9	91.70	359.52	12241.0	5545.2	162.1	2.00	-180.00	5547.3	
16	18878.3	91.70	359.52	12222.0	6506.2	156.8	0.00	0.00	6509.0	TGT#6(Dillon 31 Fed Com #706H)
17	18804.4	91.17	359.52	12221.3	6532.3	156.3	2.00	180.00	6534.1	
18	19897.3	91.17	359.52	12201.0	7629.0	149.0	0.00	0.00	7628.5	PBHL(Dillon 31 Fed Com #706H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-8	+E-W	Northing	Easting
Brushy Top(Dillon 31 Fed Com #706H)	7880.0	-232.0	213.0	425439.00	768728.00
PBHL(Dillon 31 Fed Com #706H)	12201.0	7629.0	149.0	433218.00	768963.00
TGT#1(Dillon 31 Fed Com #706H)	12222.0	6506.2	168.8	432197.20	768871.64
TGT#2(Dillon 31 Fed Com #706H)	12242.0	5531.9	182.2	431623.90	768677.19
TGT#3(Dillon 31 Fed Com #706H)	12262.0	4553.6	172.0	430149.50	768597.02
TGT#4(Dillon 31 Fed Com #706H)	12282.0	3584.9	187.1	428545.80	768702.13
TGT#5(Dillon 31 Fed Com #706H)	12304.0	-182.0	213.0	426929.00	768728.00
TGT#6(Dillon 31 Fed Com #706H)	12410.0	1368.9	200.3	428977.30	768716.28

