



NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 06 2017

RECEIVED

COG OPERATING, LLC

Eddy /Lea County, NM (NAD27) NMEZ

Dodd Federal Unit #908H #908H - *30-015-44274*

SL 417'FNL, 136'FEL, Sec 10/T17S/R29E/UnitA

PP 455'FNL, 254'FWL, Sec11/T17S/R29E/UnitA

Lateral

Planned BHL, 455'FNL, 220'FEL Sec 11/T17S/R29E/UnitA

Actual BHL, 460'FNL, 222'FEL Sec 11/T17S/R29E/UnitA





Survey Report

Company: COG OPERATING, LLC
Project: Eddy /Lea County, NM (NAD27) NMEZ
Site: Dodd Federal Unit #908H
Well: #908H
Wellbore: Lateral
Design: Lateral

Local Co-ordinate Reference: Well #908H - Slot DFU908
TVD Reference: 3626+18 @ 3644.00ft (PatriotS)
MD Reference: 3626+18 @ 3644.00ft (PatriotS)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: VON_EDM

Project	Eddy /Lea County, NM (NAD27) NMEZ		
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	Dodd Federal Unit #908H				
Site Position:		Northing:	674,912.60 ft	Latitude:	32° 51' 18.372 N
From:	Map	Easting:	585,777.60 ft	Longitude:	104° 3' 14.427 W
Position Uncertainty:	0.00 ft	Slot Radius:	13.20 in	Grid Convergence:	0.15 °

Well	#908H - Slot DFU908					
Well Position	+N/-S	0.00 ft	Northing:	674,912.60 ft	Latitude:	32° 51' 18.372 N
	+E/-W	0.00 ft	Easting:	585,777.60 ft	Longitude:	104° 3' 14.427 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	3,626.00 ft

Wellbore	Lateral				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	07/13/17	7.22	60.56	48,252

Design	Lateral				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	90.08	

Survey Program	Date	08/02/17			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
100.00	1,243.00	Survey #1 (Lateral)	GYD_DP_MS	Gyrodata gyro-compassing and drop	
1,315.00	9,946.00	Survey #2 (Lateral)	MWD	MWD v3: standard declination	
10,005.00	10,005.00	Survey #3 (Lateral)	Projection	Projection	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dodd Fed 908H SL									
100.00	0.26	355.97	100.00	0.23	-0.02	-0.02	0.26	0.26	0.00
200.00	0.41	23.76	200.00	0.78	0.11	0.11	0.22	0.15	27.79
300.00	0.36	48.34	300.00	1.32	0.49	0.49	0.17	-0.05	24.58
400.00	0.61	56.95	399.99	1.82	1.17	1.17	0.26	0.25	8.61
500.00	0.68	57.88	499.99	2.42	2.12	2.12	0.07	0.07	0.93
600.00	0.93	70.32	599.98	3.01	3.39	3.38	0.30	0.25	12.44
700.00	1.12	71.05	699.96	3.60	5.08	5.07	0.19	0.19	0.73



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MD Reference: 3626+18 @ 3644.00ft (Patriot6)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: VON_EDM

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
800.00	1.31	50.53	799.94	4.64	6.88	6.88	0.47	0.19	-20.52
900.00	1.55	23.87	899.91	6.61	8.31	8.30	0.70	0.24	-26.66
1,000.00	1.09	57.98	999.88	8.35	9.67	9.65	0.89	-0.46	34.11
1,100.00	1.29	55.92	1,099.86	9.48	11.41	11.39	0.20	0.20	-2.06
1,200.00	0.82	46.00	1,199.84	10.61	12.85	12.84	0.50	-0.47	-9.92
1,243.00	0.76	39.22	1,242.84	11.05	13.25	13.24	0.26	-0.14	-15.77
1,315.00	0.46	43.61	1,314.84	11.63	13.76	13.74	0.42	-0.42	6.10
1,347.00	0.38	58.59	1,346.83	11.77	13.93	13.92	0.42	-0.25	46.81
1,441.00	0.98	251.42	1,440.83	11.68	13.44	13.42	1.44	0.64	-177.84
1,535.00	2.33	244.16	1,534.79	10.59	10.96	10.94	1.45	1.44	-7.72
1,630.00	3.55	253.51	1,629.66	8.92	6.40	6.39	1.38	1.28	9.84
1,724.00	4.93	257.79	1,723.40	7.23	-0.34	-0.35	1.51	1.47	4.55
1,819.00	6.57	265.14	1,817.92	5.91	-9.75	-9.75	1.89	1.73	7.74
1,914.00	7.40	270.80	1,912.22	5.54	-21.28	-21.29	1.13	0.87	5.96
2,009.00	7.43	274.03	2,006.43	6.05	-33.52	-33.53	0.44	0.03	3.40
2,103.00	6.96	273.57	2,099.68	6.83	-45.27	-45.28	0.50	-0.50	-0.49
2,202.00	6.25	275.79	2,198.03	7.75	-56.62	-56.63	0.76	-0.72	2.24
2,298.00	7.49	272.53	2,293.34	8.56	-68.07	-68.08	1.35	1.29	-3.40
2,393.00	8.51	262.38	2,387.42	7.90	-81.22	-81.23	1.83	1.07	-10.68
2,488.00	9.16	251.60	2,481.29	4.58	-95.37	-95.37	1.87	0.68	-11.35
2,582.00	8.94	253.62	2,574.12	0.16	-109.47	-109.47	0.41	-0.23	2.15
2,677.00	8.77	252.19	2,667.99	-4.14	-123.45	-123.44	0.29	-0.18	-1.51
2,772.00	8.63	252.51	2,761.90	-8.50	-137.14	-137.13	0.16	-0.15	0.34
2,867.00	8.72	255.74	2,855.81	-12.41	-150.92	-150.90	0.52	0.09	3.40
2,961.00	8.43	254.56	2,948.76	-16.00	-164.47	-164.45	0.36	-0.31	-1.26
3,056.00	8.38	254.24	3,042.74	-19.74	-177.84	-177.82	0.07	-0.05	-0.34
3,151.00	8.41	257.31	3,136.72	-23.14	-191.28	-191.25	0.47	0.03	3.23
3,246.00	8.62	257.24	3,230.68	-26.24	-205.00	-204.97	0.22	0.22	-0.07
3,339.00	8.61	260.11	3,322.63	-28.98	-218.66	-218.62	0.46	-0.01	3.09
3,435.00	8.47	260.80	3,417.56	-31.34	-232.72	-232.67	0.18	-0.15	0.72
3,530.00	9.33	269.43	3,511.42	-32.54	-247.33	-247.28	1.67	0.91	9.08
3,624.00	8.06	271.63	3,604.34	-32.43	-261.53	-261.49	1.40	-1.35	2.34
3,719.00	7.01	271.09	3,698.52	-32.13	-273.99	-273.94	1.11	-1.11	-0.57
3,814.00	5.61	267.63	3,792.94	-32.21	-284.42	-284.38	1.53	-1.47	-3.64
3,909.00	3.99	245.99	3,887.61	-33.74	-292.08	-292.03	2.53	-1.71	-22.78
3,941.00	3.26	230.92	3,919.55	-34.77	-293.80	-293.76	3.73	-2.28	-47.09
3,954.25	2.69	227.11	3,932.78	-35.22	-294.33	-294.28	4.54	-4.29	-28.75
Dodd Fed 908H Tgt									
3,972.00	1.96	218.60	3,950.52	-35.74	-294.82	-294.77	4.54	-4.12	-47.94
4,004.00	0.66	184.76	3,982.51	-36.35	-295.18	-295.13	4.56	-4.06	-105.75
4,036.00	0.85	147.49	4,014.51	-36.74	-295.06	-295.01	1.61	0.59	-116.47
4,068.00	0.92	138.18	4,046.50	-37.13	-294.77	-294.71	0.50	0.22	-29.09
4,100.00	0.72	131.41	4,078.50	-37.45	-294.44	-294.39	0.69	-0.63	-21.16



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Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,132.00	1.73	97.56	4,110.49	-37.65	-293.81	-293.76	3.75	3.16	-105.78
4,163.00	3.22	80.67	4,141.46	-37.57	-292.49	-292.44	5.30	4.81	-54.48
4,195.00	5.92	76.99	4,173.36	-37.05	-290.00	-289.94	8.48	8.44	-11.50
4,227.00	8.67	78.32	4,205.10	-36.19	-286.02	-285.97	8.61	8.59	4.16
4,258.00	11.74	79.09	4,235.60	-35.12	-280.64	-280.59	9.91	9.90	2.48
4,290.00	14.66	81.35	4,266.75	-33.90	-273.44	-273.39	9.26	9.13	7.06
4,322.00	17.41	84.70	4,297.51	-32.85	-264.67	-264.62	9.06	8.59	10.47
4,353.00	20.87	86.45	4,326.79	-32.07	-254.53	-254.49	11.31	11.16	5.65
4,385.00	23.90	88.34	4,356.37	-31.53	-242.36	-242.32	9.73	9.47	5.91
4,416.00	26.92	88.65	4,384.37	-31.19	-229.07	-229.02	9.75	9.74	1.00
4,448.00	29.75	88.76	4,412.53	-30.84	-213.88	-213.84	8.85	8.84	0.34
4,480.00	32.62	89.06	4,439.91	-30.53	-197.32	-197.28	8.98	8.97	0.94
4,511.00	36.29	91.28	4,465.47	-30.60	-179.79	-179.74	12.51	11.84	7.16
4,542.00	41.08	90.88	4,489.66	-30.96	-160.42	-160.37	15.47	15.45	-1.29
4,574.00	45.56	89.42	4,512.93	-31.01	-138.47	-138.43	14.34	14.00	-4.56
4,605.00	47.32	86.94	4,534.30	-30.29	-116.02	-115.98	8.11	5.68	-8.00
4,637.00	47.25	86.59	4,556.00	-28.96	-92.55	-92.51	0.83	-0.22	-1.09
4,669.00	47.34	88.99	4,577.71	-28.05	-69.05	-69.01	5.52	0.28	7.50
4,700.00	47.10	90.46	4,598.76	-27.94	-46.30	-46.26	3.57	-0.77	4.74
4,732.00	47.06	90.33	4,620.55	-28.10	-22.87	-22.83	0.32	-0.13	-0.41
4,763.00	46.92	90.22	4,641.70	-28.21	-0.20	-0.16	0.52	-0.45	-0.35
4,795.00	49.07	90.63	4,663.11	-28.39	23.58	23.62	6.79	6.72	1.28
4,827.00	53.05	91.23	4,683.22	-28.80	48.46	48.50	12.52	12.44	1.88
4,858.00	56.63	92.04	4,701.07	-29.53	73.79	73.83	11.74	11.55	2.61
4,890.00	61.03	91.94	4,717.63	-30.48	101.14	101.19	13.75	13.75	-0.31
4,921.00	64.20	91.51	4,731.89	-31.30	128.65	128.70	10.30	10.23	-1.39
4,929.00	64.95	91.37	4,735.32	-31.48	135.88	135.92	9.48	9.34	-1.78
Wellpath Crosses Section Line @ Heel									
4,953.00	67.19	90.95	4,745.06	-31.93	157.81	157.85	9.48	9.34	-1.74
4,985.00	70.33	91.09	4,756.65	-32.46	187.62	187.67	9.82	9.81	0.44
5,016.00	72.64	91.67	4,766.49	-33.17	217.01	217.06	7.66	7.45	1.87
5,048.00	75.48	91.97	4,775.28	-34.14	247.76	247.81	8.92	8.88	0.94
5,079.00	78.82	91.91	4,782.17	-35.17	277.96	278.01	10.78	10.77	-0.19
5,111.00	81.89	91.01	4,787.53	-35.97	309.50	309.55	9.99	9.59	-2.81
5,142.00	83.76	89.38	4,791.40	-36.07	340.25	340.30	7.98	6.03	-5.26
5,174.00	86.27	89.13	4,794.19	-35.66	372.12	372.17	7.88	7.84	-0.78
5,192.68	87.23	89.43	4,795.24	-35.42	390.78	390.83	5.40	5.16	1.59
Dodd Fed 908H LP									
5,242.00	89.78	90.21	4,796.53	-35.27	440.07	440.12	5.40	5.16	1.59
5,268.00	89.69	90.41	4,796.65	-35.41	466.07	466.12	0.84	-0.35	0.77
Wellpath Crosses 330' Hard Line @ Heel									
5,336.00	89.45	90.93	4,797.16	-36.20	534.06	534.11	0.84	-0.35	0.77
5,429.00	89.22	91.68	4,798.24	-38.32	627.03	627.08	0.84	-0.25	0.81
5,524.00	89.22	91.01	4,799.53	-40.55	722.00	722.05	0.71	0.00	-0.71



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5,619.00	90.16	90.38	4,800.05	-41.70	816.99	817.04	1.19	0.99	-0.66
5,714.00	89.94	90.92	4,799.96	-42.78	911.98	912.04	0.61	-0.23	0.57
5,808.00	90.11	90.18	4,799.92	-43.68	1,005.98	1,006.04	0.81	0.18	-0.79
5,903.00	90.13	90.63	4,799.72	-44.36	1,100.97	1,101.03	0.47	0.02	0.47
5,998.00	89.89	88.61	4,799.71	-43.73	1,195.97	1,196.02	2.14	-0.25	-2.13
6,093.00	89.96	88.54	4,799.83	-41.36	1,290.94	1,290.99	0.10	0.07	-0.07
6,188.00	89.58	89.44	4,800.21	-39.69	1,385.92	1,385.97	1.03	-0.40	0.95
6,283.00	89.18	89.16	4,801.24	-38.53	1,480.91	1,480.96	0.51	-0.42	-0.29
6,377.00	88.99	89.94	4,802.74	-37.79	1,574.89	1,574.94	0.85	-0.20	0.83
6,473.00	89.72	89.13	4,803.82	-37.01	1,670.88	1,670.93	1.14	0.76	-0.84
6,567.00	90.34	89.95	4,803.77	-36.26	1,764.88	1,764.92	1.09	0.66	0.87
6,661.00	90.43	90.02	4,803.14	-36.23	1,858.92	1,858.92	0.12	0.10	0.07
6,755.00	90.31	89.69	4,802.54	-35.99	1,952.87	1,952.92	0.37	-0.13	-0.35
6,851.00	89.39	90.18	4,802.79	-35.88	2,048.87	2,048.92	1.09	-0.96	0.51
6,946.00	89.68	91.21	4,803.56	-37.04	2,143.86	2,143.91	1.13	0.31	1.08
7,040.00	89.64	91.34	4,804.12	-39.13	2,237.83	2,237.89	0.14	-0.04	0.14
7,134.00	89.47	92.05	4,804.85	-41.91	2,331.79	2,331.84	0.78	-0.18	0.76
7,229.00	89.49	91.28	4,805.71	-44.67	2,426.74	2,426.80	0.81	0.02	-0.81
7,324.00	89.49	89.63	4,806.55	-45.42	2,521.73	2,521.79	1.74	0.00	-1.74
7,419.00	89.76	89.58	4,807.17	-44.77	2,616.73	2,616.79	0.29	0.28	-0.05
7,514.00	89.88	88.92	4,807.47	-43.52	2,711.72	2,711.78	0.71	0.13	-0.69
7,609.00	90.58	89.04	4,807.09	-41.83	2,806.70	2,806.76	0.75	0.74	0.13
7,704.00	89.83	89.21	4,806.75	-40.38	2,901.69	2,901.74	0.81	-0.79	0.18
7,799.00	90.43	89.60	4,806.54	-39.40	2,996.68	2,996.74	0.75	0.63	0.41
7,893.00	89.82	89.56	4,806.33	-38.71	3,090.68	3,090.73	0.65	-0.65	-0.04
7,987.00	90.41	90.01	4,806.14	-38.35	3,184.68	3,184.73	0.79	0.63	0.48
8,083.00	89.94	90.60	4,805.85	-38.87	3,280.68	3,280.73	0.79	-0.49	0.61
8,179.00	90.33	91.16	4,805.62	-40.34	3,376.67	3,376.72	0.71	0.41	0.58
8,273.00	90.59	90.83	4,804.87	-41.97	3,470.65	3,470.70	0.45	0.28	-0.35
8,367.00	90.05	90.68	4,804.34	-43.21	3,564.64	3,564.70	0.60	-0.57	-0.16
8,462.00	89.60	90.33	4,804.63	-44.05	3,659.63	3,659.69	0.60	-0.47	-0.37
8,557.00	90.66	89.39	4,804.42	-43.82	3,754.63	3,754.69	1.49	1.12	-0.99
8,652.00	90.39	88.83	4,803.55	-42.34	3,849.61	3,849.67	0.65	-0.28	-0.59
8,747.00	89.94	90.12	4,803.27	-41.47	3,944.61	3,944.66	1.44	-0.47	1.36
8,842.00	90.13	89.28	4,803.22	-40.97	4,039.61	4,039.66	0.91	0.20	-0.88
8,937.00	91.07	88.15	4,802.22	-38.84	4,134.57	4,134.62	1.55	0.99	-1.19
9,030.00	90.82	87.75	4,800.69	-35.52	4,227.50	4,227.55	0.51	-0.27	-0.43
9,125.00	90.16	91.30	4,799.87	-34.73	4,322.48	4,322.52	3.80	-0.69	3.74
9,220.00	89.13	92.23	4,800.46	-37.65	4,417.43	4,417.48	1.46	-1.08	0.98
9,314.00	89.74	92.62	4,801.39	-41.63	4,511.34	4,511.39	0.77	0.65	0.41
9,409.00	90.86	91.35	4,800.89	-44.92	4,606.28	4,606.34	1.78	1.18	-1.34
9,504.00	90.39	91.06	4,799.86	-46.92	4,701.25	4,701.31	0.58	-0.49	-0.31
9,599.00	89.64	90.92	4,799.83	-48.56	4,796.24	4,796.30	0.80	-0.79	-0.15
9,694.00	90.13	91.28	4,800.02	-50.38	4,891.22	4,891.28	0.64	0.52	0.38



Survey Report

Company: COG OPERATING, LLC
Project: Eddy /Lea County, NM (NAD27) NMEZ
Site: Dodd Federal Unit #908H
Well: #908H
Wellbore: Lateral
Design: Lateral

Local Co-ordinate Reference: Well #908H - Slot DFU908
TVD Reference: 3626+18 @ 3644.00ft (Patriot6)
MD Reference: 3626+18 @ 3644.00ft (Patriot6)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: VON_EDM

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,789.00	90.25	89.39	4,799.71	-50.94	4,986.21	4,986.28	1.99	0.13	-1.99
9,884.00	89.56	89.73	4,799.86	-50.21	5,081.21	5,081.27	0.81	-0.73	0.36
9,898.00	89.46	89.84	4,799.98	-50.16	5,095.21	5,095.27	1.03	-0.69	0.76
Wellpath Crosses Section Line @ Toe									
9,946.00	89.13	90.20	4,800.57	-50.17	5,143.20	5,143.27	1.03	-0.69	0.76
10,005.00	89.13	90.20	4,801.47	-50.38	5,202.20	5,202.26	0.00	0.00	0.00
TD @ 460'FNL,222FEL - Dodd Fed 908H PBHL									

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
Dodd Fed 908H SL	0.00	0.00	0.00	0.00	0.00	674,912.60	585,777.60	32° 51' 18.372 N	104° 3' 14.427 W
- actual wellpath hits target center									
- Point									
Dodd Fed 908H BHL	0.00	0.00	4,801.47	-50.38	5,202.20	674,862.22	590,979.80	32° 51' 17.733 N	104° 2' 13.444 W
- actual wellpath hits target center									
- Point									

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
4,929.00	4,735.32	-31.48	135.88	Wellpath Crosses Section Line @ Heel
5,268.00	4,796.65	-35.41	466.07	Wellpath Crosses 330' Hard Line @ Heel
9,898.00	4,799.98	-50.16	5,095.21	Wellpath Crosses Section Line @ Toe
10,005.00	4,801.47	-50.38	5,202.20	TD @ 460'FNL,222FEL

Checked By: _____ Approved By: _____ Date: _____

NM Regulatory - Request for Logs and Formation Tops

Dodd Federal Unit #908H

Well ID	Well Name	Well Number	Form Alias	Top MD	Top Subsea	Source
300154427400	Dodd Federal Unit	#908H	SNVR	1264.04	2380.12	CB
300154427400	Dodd Federal Unit	#908H	QUEN	1852.88	1792.45	CB
300154427400	Dodd Federal Unit	#908H	PNRS	2020.74	1625.93	CB
300154427400	Dodd Federal Unit	#908H	GYBG	2271.05	1377.42	CB
300154427400	Dodd Federal Unit	#908H	SNDR	2571.62	1080.13	CB
300154427401	Dodd Federal Unit	#908H	Lovington Sand	2653.54	999.19	CB
300154427400	Dodd Federal Unit	#908H	GLRT	3996.39	-330.90	CB
300154427400	Dodd Federal Unit	#908H	PDCK	4079.84	-414.34	CB
300154427400	Dodd Federal Unit	#908H	BLBR	4468.51	-786.08	CB

COG OPERATING, LLC

3626+18 @ 3644.00ft (Patriot6)
NAD 1927 (NADCON CONUS)

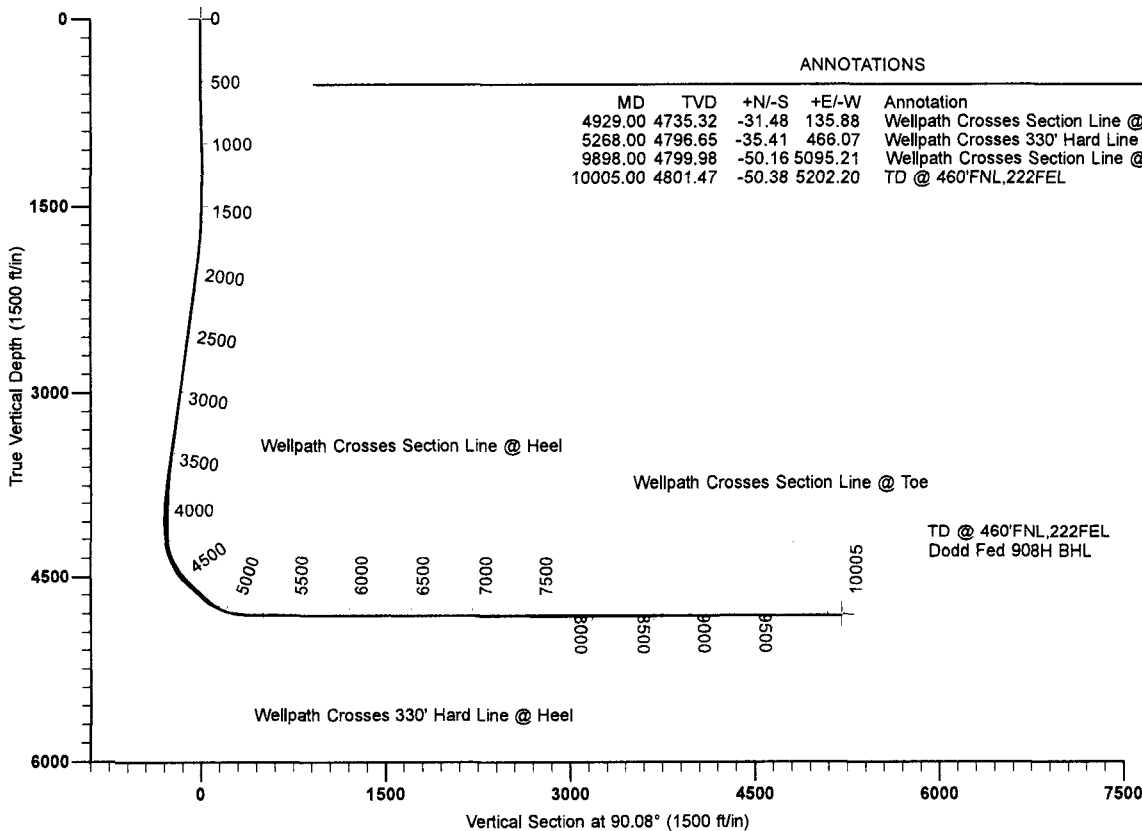
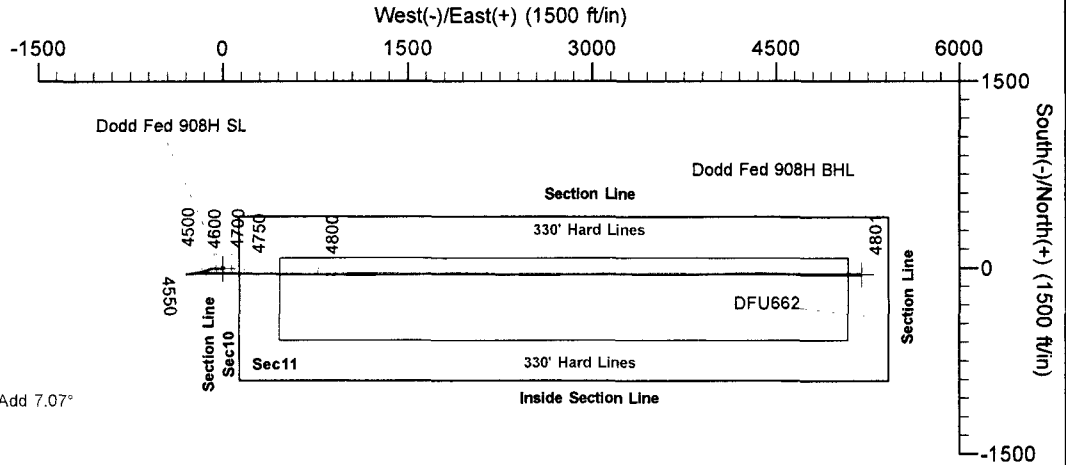
Project: Eddy /Lea County, NM (NAD27) NMEZ
Site: Dodd Federal Unit #908H
Well: #908H
Wellbore: Lateral
Design: Lateral



Azimuths to Grid North
True North: -0.15°
Magnetic North: 7.07°

Magnetic Field
Strength: 48251.6snT
Dip Angle: 60.56°
Date: 07/13/2017
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 7.07°



ANNOTATIONS

MD	TVD	+N/-S	+E/-W	Annotation
4929.00	4735.32	-31.48	135.88	Wellpath Crosses Section Line @ Heel
5268.00	4796.65	-35.41	466.07	Wellpath Crosses 330' Hard Line @ Heel
9898.00	4799.98	-50.16	5095.21	Wellpath Crosses Section Line @ Toe
10005.00	4801.47	-50.38	5202.20	TD @ 460'FNL,222FEL

TD @ 460'FNL,222FEL
Dodd Fed 908H BHL

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Dodd Fed 908H SL	0.00	0.00	0.00	674912.60	585777.60	Point
Dodd Fed 908H BHL	4801.47	-50.38	5202.20	674862.22	590979.80	Point

Design: Lateral (#908H/Lateral)
Created By: Mekka Williams
eSomnia Well Design
mekka@esominawell.com
8:15, August 02 2017

VON DIRECTIONAL
12074 FM 3083 Conroe, Texas 77301
936-756-2400

