

Results of Directional Survey

API number:	30-025-40485		
OGRID:		Operator:	EOG RESOURCES INC
		Property:	DIAMOND 31 FEDERAL COM # 3H

surface	ULSTR:	D	31	T	24S	R	34E
				370	FNL	1310	FWL

BH Loc	ULSTR:	F	06	T	25S	R	34E
16585	MD	9505.0	TVD	2407	FNL	1406	FWL

Top Perf/OH	ULSTR:	D	31	T	24S	R	34E
9670	MD	9491.2	TVD	781	FNL	1346	FWL

Bot Perf/OH	ULSTR:	F	06	T	25S	R	34E
16461	MD	9503.9	TVD	2283	FNL	1404	FWL

	MD	N/S	E/W	VD
	9666	-406.68	36.28	9490.24
TOP PERFS/OH	9670	-410.56	36.27	9491.20
	9697	-436.77	36.20	9497.65
	16455	-7186.99	93.52	9503.89
BOT PERFS/OH	16461	-7192.99	93.65	9503.94
	16542	-7273.96	95.47	9504.65

NEXT TO LAST	16542	-7273.96	95.47	9504.65
LAST READING	16585	-7316.96	95.61	9505.01
TD	16585	-7316.96	95.61	9505.01

Surface Location	370	FN	1310	FW
Projected BHL	7687	FN	1406	FW
Location of				
Top Perfs/OH	781	FN	1346	FW
Bottom Perfs/OH	7563	FN	1404	FW

SUMMARY of Subsurface Locations

Surface Location	D-31-24S-34E	370	FN	1310	FW	Vert. Depth
Top Perfs/OH	D-31-24S-34E	781	FN	1346	FW	9491.20
Bottom Perfs/OH	F-06-25S-34E	2283	FN	1404	FW	9503.94
Projected TD	F-06-25S-34E	2407	FN	1406	FW	9505.01

AUG 21 2013



EOG Diamond 31 Fed Com #3H Gyro+MWD 0ft to 16585ft MD

(Def Survey)



Report Date: January 26, 2013 - 10:08 AM
 Client: Eog Resources
 Field: NM Lea County (NAD 27)
 Structure / Slot: Cactus 123 / EOG Diamond 31 Fed Com #3H
 Well: EOG Diamond 31 Fed Com #3H
 Borehole: Original Borehole
 UWI / API#: Unknown / Unknown
 Survey Name: EOG Diamond 31 Fed Com #3H Gyro+MWD 0ft to 16585ft MD
 Survey Date: January 15, 2013
 Tort / AHD / DDI / ERD Ratio: 216.870 ° / 7389.467 ft / 6.446 / 0.777
 Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 10' 48.55602", W 103° 30' 46.07268"
 Location Grid N/E Y/X: N 430228.800 ftUS, E 753866.800 ftUS
 CRS Grid Convergence Angle: 0.4370 °
 Grid Scale Factor: 0.99998291

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 179.570 ° (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: RKB
 TVD Reference Elevation: 3524.000 ft above
 Seabed / Ground Elevation: 3494.000 ft above
 Magnetic Declination: 7.463 °
 Total Gravity Field Strength: 998.4741mgn (9.80665 Based)
 Total Magnetic Field Strength: 48420.149 nT
 Magnetic Dip Angle: 60.076 °
 Declination Date: January 15, 2013
 Magnetic Declination Model: BGM 2012
 North Reference: Grid North
 Grid Convergence Used: 0.4370 °
 Total Corr Mag North->Grid North: 7.0259 °
 Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
SHL Daimond 31 Fed Com #3H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	324.4M
	119.00	0.40	324.40	119.00	-0.34	0.34	-0.24	0.42	324.40	0.34	1.53M
	219.00	0.55	1.53	219.00	-1.10	1.10	-0.43	1.18	338.57	0.33	22.28M
	319.00	0.51	22.28	318.99	-1.99	1.99	-0.25	2.01	352.83	0.19	35.64M
	419.00	0.60	35.64	418.99	-2.83	2.83	0.22	2.84	4.51	0.16	72.97M
	519.00	0.65	72.97	518.98	-3.41	3.42	1.07	3.59	17.37	0.40	51.53M
	619.00	0.22	51.53	618.98	-3.69	3.71	1.76	4.11	25.44	0.45	51.6M
	719.00	0.19	51.60	718.98	-3.91	3.93	2.04	4.43	27.47	0.03	88.86M
	819.00	0.35	88.86	818.98	-4.02	4.04	2.48	4.74	31.54	0.23	112.53M
	919.00	0.40	112.53	918.97	-3.89	3.91	3.11	4.99	38.46	0.16	107.58M
Last Gyro Survey	1019.00	0.44	107.58	1018.97	-3.63	3.66	3.80	5.27	46.03	0.05	13.72M
	1119.00	0.49	13.72	1118.97	-3.93	3.96	4.26	5.82	47.10	0.68	341.52M
	1209.00	0.92	341.52	1208.96	-4.99	5.02	4.12	6.50	39.41	0.63	324.7M
	1339.00	2.00	324.70	1338.92	-7.84	7.86	2.48	8.24	17.53	0.89	310M
	1434.00	1.60	310.00	1433.87	-10.06	10.07	0.51	10.08	2.90	0.64	351.3M
	1529.00	0.40	351.30	1528.86	-11.25	11.25	-0.56	11.26	357.16	1.40	319.7M
	1623.00	0.40	319.70	1622.86	-11.83	11.82	-0.82	11.85	356.04	0.23	318.9M
	1718.00	0.60	318.90	1717.85	-12.46	12.45	-1.36	12.52	353.76	0.21	329.3M
	1812.00	0.40	329.30	1811.85	-13.12	13.10	-1.85	13.23	351.96	0.23	342M
	1907.00	0.60	342.00	1906.84	-13.88	13.86	-2.17	14.03	351.08	0.24	339.2M
	2001.00	0.70	339.20	2000.84	-14.88	14.87	-2.53	15.08	350.34	0.11	353.6M
	2095.00	0.40	353.60	2094.83	-15.75	15.73	-2.77	15.97	350.01	0.35	10.4M
	2190.00	0.00	10.40	2189.83	-16.08	16.06	-2.81	16.30	350.08	0.42	43.9M
	2285.00	0.10	43.90	2284.83	-16.14	16.12	-2.75	16.35	350.32	0.11	348.6M
	2380.00	0.10	348.60	2379.83	-16.28	16.26	-2.71	16.48	350.54	0.10	326.8M
	2475.00	0.40	326.80	2474.83	-16.64	16.62	-2.91	16.87	350.08	0.33	334.3M
	2568.00	0.60	334.30	2567.83	-17.35	17.33	-3.30	17.64	349.23	0.23	350.2M
	2663.00	0.60	350.20	2662.82	-18.29	18.27	-3.60	18.62	348.86	0.17	29.9M
	2757.00	0.70	29.90	2756.82	-19.27	19.25	-3.39	19.55	350.00	0.48	78.4M
	2851.00	0.70	78.40	2850.81	-19.88	19.86	-2.55	20.02	352.70	0.61	96.5M
	2946.00	0.40	96.50	2945.81	-19.95	19.94	-1.65	20.01	355.28	0.36	93.9M
	3040.00	0.70	93.90	3039.80	-19.87	19.87	-0.75	19.88	357.84	0.32	82.5M
	3135.00	0.70	82.50	3134.80	-19.90	19.90	0.41	19.91	1.17	0.15	138.8M
	3229.00	1.00	138.80	3228.79	-19.35	19.36	1.52	19.42	4.48	0.90	147.3M
	3324.00	0.70	147.30	3323.78	-18.23	18.25	2.37	18.40	7.42	0.34	110.8M
	3419.00	0.70	110.80	3418.77	-17.53	17.55	3.23	17.85	10.43	0.46	136.9M
	3514.00	0.80	136.90	3513.76	-16.83	16.86	4.23	17.38	14.07	0.37	163.7M
	3608.00	0.80	163.70	3607.75	-15.72	15.75	4.86	16.49	17.14	0.39	181.3M
	3700.00	0.70	181.30	3699.74	-14.54	14.58	5.03	15.42	19.03	0.27	187.5M
	3795.00	0.70	187.50	3794.74	-13.38	13.42	4.94	14.30	20.20	0.08	184.6M
	3890.00	0.70	184.60	3889.73	-12.23	12.27	4.82	13.18	21.43	0.04	171.4M
	3984.00	0.90	171.40	3983.72	-10.93	10.96	4.88	12.00	23.99	0.29	171M
	4078.00	0.40	171.00	4077.72	-9.87	9.91	5.04	11.12	26.96	0.53	167.2M
	4173.00	0.40	167.20	4172.71	-9.22	9.26	5.17	10.60	29.16	0.03	206.9M
	4266.00	0.60	206.90	4265.71	-8.47	8.51	5.02	9.88	30.53	0.42	241.8M
	4361.00	0.60	241.80	4360.70	-7.80	7.83	4.36	8.96	29.08	0.38	272.9M
	4454.00	0.10	272.90	4453.70	-7.57	7.60	3.84	8.52	26.82	0.56	88.1M
	4550.00	0.70	88.10	4549.70	-7.59	7.63	4.35	8.78	29.68	0.83	113.1M
	4644.00	0.40	113.10	4643.70	-7.48	7.52	5.22	9.15	34.79	0.40	243.1M
	4739.00	0.30	243.10	4738.70	-7.23	7.27	5.31	9.00	36.11	0.67	145.1M
	4833.00	0.60	145.10	4832.69	-6.72	6.76	5.37	8.63	38.46	0.75	114.2M

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
Last Phoenix Mwd Survey	4927.00	1.00	114.20	4926.68	-5.97	6.02	6.40	8.78	46.75	0.61	86.6M
	5021.00	1.10	86.60	5020.67	-5.68	5.74	8.05	9.88	54.51	0.54	78.8M
	5104.00	1.00	78.80	5103.66	-5.85	5.92	9.55	11.24	58.19	0.21	226.33M
	5234.00	0.11	226.33	5233.65	-5.98	6.06	10.58	12.19	60.19	0.84	229.13M
	5329.00	0.08	229.13	5328.65	-5.87	5.95	10.46	12.03	60.35	0.03	230.2M
	5518.00	0.11	230.20	5517.65	-5.67	5.75	10.22	11.73	60.64	0.02	91.1M
	5707.00	0.08	91.10	5706.65	-5.55	5.63	10.21	11.66	61.13	0.09	185.92M
	5898.00	0.05	185.92	5897.65	-5.47	5.55	10.34	11.73	61.79	0.05	62.02M
	6088.00	0.10	62.02	6087.65	-5.46	5.54	10.48	11.85	62.12	0.07	213.79M
	6278.00	0.10	213.79	6277.65	-5.40	5.48	10.53	11.87	62.50	0.10	356.15M
	6468.00	0.10	356.15	6467.65	-5.43	5.51	10.43	11.79	62.15	0.10	102.22M
	6658.00	0.12	102.22	6657.65	-5.55	5.63	10.61	12.01	62.04	0.09	143.67M
	6848.00	0.24	143.67	6847.65	-5.19	5.27	11.04	12.23	64.48	0.09	154.66M
	7037.00	0.15	154.66	7036.65	-4.64	4.73	11.38	12.32	67.44	0.05	129.62M
	7227.00	0.27	129.62	7226.64	-4.13	4.22	11.83	12.56	70.38	0.08	110.35M
	7416.00	0.22	110.35	7415.64	-3.71	3.81	12.51	13.08	73.08	0.05	183.64M
	7606.00	0.10	183.64	7605.64	-3.42	3.51	12.85	13.32	74.70	0.11	165.98M
	7796.00	0.28	165.98	7795.64	-2.80	2.90	12.95	13.27	77.38	0.10	157.55M
	7986.00	0.63	157.55	7985.64	-1.38	1.48	13.46	13.54	83.71	0.19	156.65M
	8176.00	0.79	156.65	8175.62	0.79	-0.69	14.38	14.39	92.73	0.08	150.92M
	8365.00	0.93	150.92	8364.60	3.34	-3.22	15.64	15.97	101.64	0.09	146.62M
TD 8 3/4" Vertical Section	8555.00	1.08	146.62	8554.57	6.19	-6.06	17.37	18.40	109.24	0.09	117.14M
	8745.00	1.16	117.14	8744.54	8.59	-8.44	20.07	21.77	112.80	0.30	120.82M
	8913.00	1.02	120.82	8912.50	10.15	-9.98	22.87	24.95	113.58	0.09	122.28M
	8950.00	0.79	122.28	8949.50	10.46	-10.28	23.37	25.53	113.76	0.62	162.95M
	9033.00	5.94	162.95	9032.33	14.89	-14.70	25.11	29.10	120.34	6.46	168.54M
	9064.00	12.83	168.54	9062.90	19.81	-19.61	26.27	32.78	126.75	22.39	12.86R
	9096.00	18.53	172.60	9093.70	28.35	-28.14	27.63	39.44	135.53	18.13	6.59R
	9127.00	21.05	173.41	9122.87	38.78	-38.56	28.90	48.19	143.15	8.18	16.75R
	9159.00	23.80	175.45	9152.44	50.93	-50.71	30.07	58.96	149.33	8.93	5.44L
	9191.00	27.00	174.78	9181.35	64.61	-64.38	31.25	71.56	154.11	10.04	6.01R
	9222.00	29.43	175.30	9208.66	79.22	-78.98	32.51	85.41	157.63	7.88	13.52R
	9254.00	32.16	176.53	9236.15	95.57	-95.32	33.67	101.09	160.54	8.75	23.45R
	9286.00	34.26	178.14	9262.92	113.08	-112.83	34.48	117.98	163.01	7.12	41.4R
	9317.00	35.66	180.23	9288.33	130.84	-130.59	34.73	135.12	165.11	5.94	22.51R
	9349.00	38.02	181.81	9313.93	150.02	-149.77	34.38	153.66	167.07	7.95	6.94R
	9381.00	41.16	182.39	9338.59	170.39	-170.14	33.63	173.43	168.82	9.88	16.48L
	9412.00	44.69	180.91	9361.29	191.49	-191.24	33.03	194.07	170.20	11.84	11.38L
	9444.00	47.98	180.02	9383.38	214.63	-214.39	32.85	216.89	171.29	10.48	18.07L
	9475.00	51.62	178.51	9403.39	238.30	-238.06	33.16	240.36	172.07	12.32	5.72L
	9507.00	55.06	178.09	9422.49	263.96	-263.71	33.92	265.88	172.67	10.80	1.89L
TD 8 3/4" Curve Section	9539.00	58.69	177.95	9439.97	290.74	-290.49	34.85	292.57	173.16	11.35	3.64R
	9571.00	62.89	178.25	9455.59	318.66	-318.40	35.77	320.40	173.59	13.15	22.98R
	9602.00	66.47	179.90	9468.84	346.67	-346.41	36.22	348.30	174.03	12.51	0.26R
	9634.00	70.58	179.92	9480.55	376.45	-376.18	36.26	377.93	174.49	12.84	1.53R
	9666.00	74.18	180.02	9490.24	406.94	-406.68	36.28	408.29	174.90	11.25	3.94R
	9697.00	78.16	180.30	9497.65	437.03	-436.77	36.20	438.27	175.26	12.87	5.25R
	9729.00	82.48	180.70	9503.03	468.57	-468.31	35.92	469.68	175.61	13.56	0.66L
	9761.00	85.94	180.66	9506.26	500.39	-500.14	35.54	501.40	175.94	10.81	2.91R
	9792.00	89.48	180.84	9507.49	531.36	-531.11	35.14	532.27	176.21	11.43	37.55R
	9811.00	90.69	181.77	9507.47	550.35	-550.10	34.70	551.19	176.39	8.03	100.26L
	9906.00	90.48	180.61	9506.50	645.30	-645.07	32.73	645.90	177.10	1.24	119.09L
	10001.00	89.79	179.37	9506.27	740.30	-740.07	32.75	740.80	177.47	1.49	108.44L
	10096.00	89.45	178.35	9506.90	835.29	-835.05	34.64	835.77	177.62	1.13	129.48L
	10191.00	89.17	178.01	9508.05	930.25	-929.99	37.65	930.76	177.68	0.46	98.13L
	10285.00	89.11	177.59	9509.46	1024.19	-1023.91	41.26	1024.75	177.69	0.45	90R
	10380.00	89.11	179.19	9510.93	1119.16	-1118.86	43.93	1119.72	177.75	1.68	78.19R
	10475.00	89.38	180.48	9512.18	1214.15	-1213.85	44.20	1214.66	177.91	1.39	67.55R
	10570.00	89.69	181.23	9512.96	1309.12	-1308.84	42.79	1309.54	178.13	0.85	75.53R
	10665.00	89.93	182.16	9513.27	1404.05	-1403.79	39.98	1404.36	178.37	1.01	35.43R
	10759.00	90.45	182.53	9512.96	1497.94	-1497.71	36.13	1498.15	178.62	0.68	168.69R
	10854.00	89.90	182.64	9512.67	1592.81	-1592.62	31.85	1592.93	178.85	0.59	58.24L
	10949.00	90.55	181.59	9512.30	1687.71	-1687.55	28.34	1687.79	179.04	1.30	74.93R
	11043.00	90.76	182.37	9511.22	1781.62	-1781.49	25.09	1781.66	179.19	0.86	81.98L
	11138.00	90.86	181.66	9509.88	1876.53	-1876.42	21.75	1876.54	179.34	0.75	44.99L
	11233.00	91.38	181.14	9508.02	1971.46	-1971.37	19.43	1971.47	179.44	0.77	108.19L
	11328.00	90.89	179.65	9506.14	2066.43	-2066.35	18.78	2066.43	179.48	1.65	146.98L
	11423.00	90.69	179.52	9504.83	2161.42	-2161.33	19.47	2161.42	179.48	0.25	111.91L
	11518.00	90.34	178.65	9503.98	2256.41	-2256.32	20.98	2256.41	179.47	0.99	129.61L
	11613.00	89.86	178.07	9503.81	2351.39	-2351.28	23.70	2351.40	179.42	0.79	92.45R
	11708.00	89.79	179.71	9504.10	2446.38	-2446.26	25.54	2446.39	179.40	1.73	99.56R
	11803.00	89.62	180.72	9504.59	2541.37	-2541.25	25.19	2541.38	179.43	1.08	67.64R
	11898.00	90.48	182.81	9504.51	2636.29	-2636.20	22.26	2636.30	179.52	2.38	85.05L
	11993.00	90.69	180.38	9503.54	2731.22	-2731.15	19.62	2731.22	179.59	2.57	103.62L

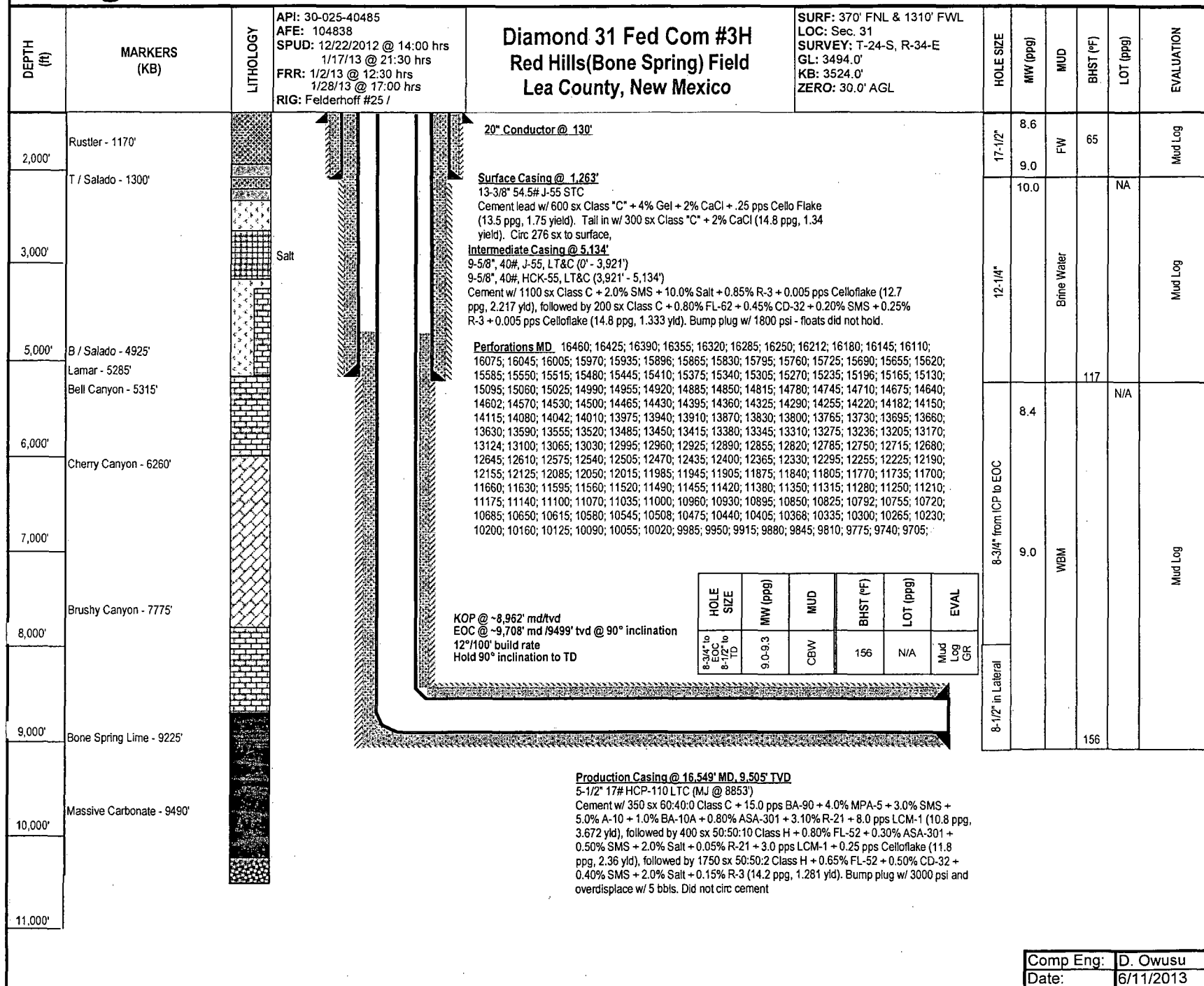
Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS ("/100ft)	TF (°)
	12088.00	90.21	178.40	9502.79	2826.21	-2826.14	20.63	2826.21	179.58	2.14	68.75L
	12183.00	90.28	178.22	9502.38	2921.19	-2921.10	23.43	2921.19	179.54	0.20	108.88L
	12279.00	89.76	176.70	9502.35	3017.12	-3017.00	27.68	3017.13	179.47	1.67	132.68R
	12374.00	89.17	177.34	9503.24	3112.02	-3111.87	32.62	3112.04	179.40	0.92	109.7L
	12469.00	88.83	176.39	9504.90	3206.90	-3206.71	37.82	3206.93	179.32	1.06	58.72R
	12563.00	89.76	177.92	9506.05	3300.81	-3300.58	42.48	3300.85	179.26	1.90	79.89R
	12658.00	90.14	180.05	9506.13	3395.80	-3395.56	44.16	3395.85	179.25	2.28	24.23R
	12753.00	90.34	180.14	9505.74	3490.79	-3490.56	44.01	3490.84	179.28	0.23	91.81L
	12848.00	90.31	179.19	9505.20	3585.79	-3585.56	44.56	3585.83	179.29	1.00	88.73R
	12943.00	90.38	182.37	9504.63	3680.75	-3680.53	43.27	3680.79	179.33	3.35	51.15L
	13038.00	91.00	181.60	9503.48	3775.66	-3775.47	39.98	3775.68	179.39	1.04	107.25R
	13133.00	90.45	183.37	9502.28	3870.53	-3870.37	35.86	3870.53	179.47	1.95	135R
	13228.00	90.03	183.79	9501.88	3965.29	-3965.18	29.93	3965.29	179.57	0.63	36.13R
	13323.00	91.03	184.52	9501.00	4059.98	-4059.92	23.05	4059.99	179.67	1.30	55.16L
	13418.00	91.51	183.83	9498.90	4154.65	-4154.65	16.13	4154.68	179.78	0.88	90.83L
	13512.00	91.48	181.82	9496.44	4248.46	-4248.50	11.50	4248.51	179.84	2.14	101.36L
	13607.00	91.14	180.13	9494.27	4343.41	-4343.46	9.88	4343.47	179.87	1.81	119.73L
	13702.00	89.62	177.47	9493.64	4438.39	-4438.42	11.87	4438.44	179.85	3.22	73.74L
	13797.00	89.97	176.27	9493.98	4533.28	-4533.28	17.06	4533.31	179.78	1.32	103.45L
	13892.00	89.86	175.81	9494.12	4628.10	-4628.05	23.62	4628.11	179.71	0.50	108.44R
	13987.00	89.38	177.25	9494.75	4722.96	-4722.87	29.37	4722.96	179.64	1.60	88.8R
	14081.00	89.42	179.14	9495.74	4816.92	-4816.81	32.33	4816.92	179.62	2.01	162.55R
	14176.00	89.07	179.25	9496.99	4911.91	-4911.80	33.67	4911.91	179.61	0.39	74.94R
	14271.00	89.42	180.55	9498.24	5006.90	-5006.79	33.83	5006.90	179.61	1.42	48.43L
	14366.00	89.97	179.93	9498.75	5101.89	-5101.78	33.43	5101.89	179.62	0.87	151.39R
	14461.00	89.86	179.99	9498.89	5196.89	-5196.78	33.50	5196.89	179.63	0.13	HS
	14557.00	90.89	179.99	9498.26	5292.88	-5292.78	33.52	5292.89	179.64	1.07	132.8L
	14652.00	89.76	178.77	9497.72	5387.88	-5387.77	34.54	5387.88	179.63	1.75	81.37R
	14747.00	89.93	179.89	9497.98	5482.87	-5482.76	35.66	5482.88	179.63	1.19	8.13R
Survey 25Jan13	14842.00	90.21	179.93	9497.86	5577.87	-5577.76	35.80	5577.88	179.63	0.30	35.95R
	14937.00	91.96	181.20	9496.06	5672.84	-5672.73	34.87	5672.84	179.65	2.28	99.95L
	15032.00	91.55	178.87	9493.15	5767.78	-5767.68	34.81	5767.79	179.65	2.49	111.74L
	15127.00	90.52	176.29	9491.44	5862.70	-5862.57	38.82	5862.70	179.62	2.92	80.65L
	15222.00	90.65	175.50	9490.47	5957.50	-5957.32	45.62	5957.50	179.56	0.84	106.5R
	15317.00	90.41	176.31	9489.59	6052.30	-6052.08	52.40	6052.30	179.50	0.89	98.68L
	15412.00	90.21	175.00	9489.07	6147.07	-6146.80	59.60	6147.09	179.44	1.39	124.98L
	15507.00	88.35	172.34	9490.27	6241.55	-6241.20	70.07	6241.59	179.36	3.42	130.59R
	15602.00	87.11	173.79	9494.03	6335.86	-6335.43	81.54	6335.95	179.26	2.01	102.17R
	15697.00	86.66	175.89	9499.19	6430.39	-6429.90	90.07	6430.53	179.20	2.26	82.38R
	15792.00	86.94	177.97	9504.50	6525.14	-6524.61	95.15	6525.30	179.16	2.21	49.59R
	15887.00	87.97	179.18	9508.72	6620.03	-6619.48	97.51	6620.20	179.16	1.67	54.54R
	15982.00	89.21	180.92	9511.05	6714.99	-6714.45	97.42	6715.15	179.17	2.25	51.88R
	16076.00	91.65	184.03	9510.35	6808.85	-6808.34	93.36	6808.98	179.21	4.20	93.05L
	16171.00	91.55	182.17	9507.70	6903.62	-6903.16	88.23	6903.72	179.27	1.96	96.16L
	16266.00	91.20	178.95	9505.42	6998.57	-6998.11	87.30	6998.66	179.29	3.41	121.54L
	16361.00	90.58	177.94	9503.94	7093.54	-7093.06	89.88	7093.63	179.27	1.25	163.78L
	16455.00	89.48	177.62	9503.89	7187.49	-7186.99	93.52	7187.60	179.25	1.22	88.96R
Final Survey	16542.00	89.52	179.81	9504.65	7274.47	-7273.96	95.47	7274.59	179.25	2.52	HS
Proj to TD	16585.00	89.52	179.81	9505.01	7317.47	-7316.96	95.61	7317.58	179.25	0.00	

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	0.000	30.000	Act Stns	30.000	30.000	SLB_FREE GYRO-Depth Only	Original Borehole / EOG Diamond 31 Fed Com #3H Gyro+MWD 0ft
	30.000	1119.000	Act Stns	30.000	30.000	SLB_FREE GYRO	Original Borehole / EOG Diamond 31 Fed Com #3H Gyro+MWD 0ft
	1119.000	16542.000	Act Stns	30.000	30.000	SLB_MWD-STD	Original Borehole / EOG Diamond 31 Fed Com #3H Gyro+MWD 0ft
	16542.000	16585.000	Act Stns	30.000	30.000	SLB_BLIND+TREND	Original Borehole / EOG Diamond 31 Fed Com #3H Gyro+MWD 0ft

CURRENT WELL SKETCH



Comp Eng: D. Owusu
Date: 6/11/2013