

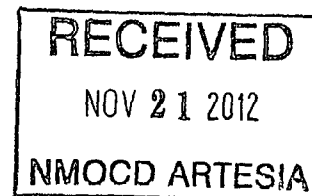


A GYRO TECHNOLOGIES INC. COMPANY

PO Box 261021
Corpus Christi, Texas 78426
(361) 767-0602 • (800) 606-GYRO • Fax (361) 767-0612

August 22, 2012

30-015-40253



COG Operating LLC (Concho)
One Concho Center
600 W. Illinois Avenue
Midland, TX 79701

Attn: Kanicia Castillo

Re: **Salada Vista 36 State 2H**

Please find enclosed a copy of the survey from 0' to 8,100' ran on the above referenced well.

If I can be of any further service, please do not hesitate to call me at 800-606-4976.

Sincerely,

Keith Havelka
Operations

Provide notarized documents

Company: COG OPERATING LLC (CONCHO)

Lease/Well: SALADA VISTA 36 STATE/2H



Rig Name: PATRIOT 6

State/County: NEW MEXICO/EDDY

Latitude: 32.62

GRID North is 0.22 Degrees East of True North

VS-Azi: 0.00 Degrees



Depth Reference : RKB = 17 FT

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: salada vista 36 state #2h.ut

Minimum Curvature Method

Report Date/Time: 8/22/2012 / 14:36

Vaughn Energy Services

Gardendale Texas

432-563-5444

Surveyor: Danny Spring

Salada Vista 36 State 2H / API 30-015-40253



Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.28	192.80	100.00	-0.24	-0.05	0.24	192.80	0.28
200.00	0.44	219.92	200.00	-0.77	-0.35	0.85	204.65	0.23
300.00	1.42	230.15	299.98	-1.85	-1.55	2.41	219.84	0.99
400.00	2.10	251.24	399.94	-3.23	-4.23	5.32	232.59	0.93
500.00	2.57	244.14	499.85	-4.80	-7.98	9.31	238.96	0.55
600.00	1.99	242.85	599.77	-6.57	-11.54	13.28	240.35	0.58
700.00	1.97	240.13	699.71	-8.22	-14.58	16.74	240.58	0.10
800.00	1.03	230.15	799.68	-9.65	-16.76	19.34	240.06	0.97
900.00	0.42	229.99	899.67	-10.47	-17.74	20.59	239.45	0.61
1000.00	0.23	230.84	999.67	-10.83	-18.17	21.16	239.20	0.19
1100.00	0.23	132.59	1099.67	-11.09	-18.18	21.30	238.62	0.35
1200.00	0.19	118.53	1199.67	-11.31	-17.89	21.16	237.71	0.06
1300.00	1.08	71.71	1299.66	-11.09	-16.85	20.17	236.66	0.96
1400.00	1.63	63.15	1399.63	-10.15	-14.69	17.85	235.36	0.59
1500.00	2.36	54.41	1499.57	-8.31	-11.74	14.38	234.72	0.78
1600.00	2.54	62.49	1599.48	-6.08	-8.10	10.13	233.09	0.39
1700.00	2.45	69.59	1699.39	-4.31	-4.13	5.97	223.73	0.32
1800.00	1.67	79.35	1799.32	-3.30	-0.69	3.37	191.78	0.85

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1900.00	0.98	102.87	1899.29	-3.22	1.58	3.59	153.84	0.87
2000.00	0.58	161.77	1999.29	-3.89	2.57	4.67	146.52	0.84
2100.00	0.72	182.17	2099.28	-5.00	2.71	5.69	151.56	0.27
2200.00	0.72	171.37	2199.27	-6.25	2.78	6.84	156.02	0.14
2300.00	0.61	158.22	2299.26	-7.36	3.07	7.98	157.36	0.18
2400.00	0.41	148.57	2399.26	-8.17	3.46	8.87	157.06	0.22
2500.00	0.58	113.33	2499.26	-8.67	4.11	9.60	154.65	0.34
2600.00	0.56	163.04	2599.25	-9.34	4.71	10.46	153.21	0.48
2700.00	2.08	199.06	2699.22	-11.52	4.26	12.28	159.69	1.66
2800.00	2.03	214.91	2799.16	-14.69	2.66	14.93	169.75	0.57
2900.00	1.82	225.12	2899.10	-17.27	0.51	17.27	178.30	0.40
3000.00	1.69	233.67	2999.06	-19.26	-1.80	19.35	185.35	0.29
3100.00	2.22	247.46	3099.00	-20.88	-4.78	21.42	192.89	0.70
3200.00	1.86	258.01	3198.94	-21.96	-8.15	23.42	200.37	0.52
3300.00	1.36	260.66	3298.90	-22.49	-10.91	24.99	205.88	0.50
3400.00	0.83	298.97	3398.88	-22.33	-12.71	25.70	209.65	0.88
3500.00	0.92	288.94	3498.87	-21.72	-14.10	25.90	212.99	0.18
3600.00	0.84	269.68	3598.86	-21.46	-15.59	26.53	216.00	0.30
3700.00	0.53	271.73	3698.85	-21.45	-16.79	27.25	218.05	0.31
3800.00	0.54	285.39	3798.84	-21.32	-17.71	27.71	219.72	0.13
3900.00	0.50	224.92	3898.84	-21.50	-18.47	28.34	220.67	0.52
4000.00	0.66	229.94	3998.84	-22.18	-19.22	29.35	220.91	0.17
4100.00	0.53	216.97	4098.83	-22.92	-19.94	30.38	221.02	0.19
4200.00	0.44	206.26	4198.83	-23.63	-20.39	31.21	220.78	0.13
4300.00	0.45	191.21	4298.82	-24.37	-20.64	31.93	220.26	0.12
4400.00	0.56	195.30	4398.82	-25.22	-20.84	32.72	219.57	0.11
4500.00	0.28	183.27	4498.82	-25.94	-20.98	33.36	218.97	0.28
4600.00	0.31	195.24	4598.82	-26.45	-21.07	33.81	218.54	0.07
4700.00	0.31	172.73	4698.81	-26.98	-21.11	34.25	218.04	0.12
4800.00	0.16	152.29	4798.81	-27.37	-21.01	34.50	217.51	0.17
4900.00	0.38	67.02	4898.81	-27.36	-20.64	34.27	217.02	0.40
5000.00	0.55	55.52	4998.81	-26.96	-19.93	33.53	216.48	0.19
5100.00	0.67	44.39	5098.80	-26.27	-19.13	32.49	216.06	0.17
5200.00	0.75	36.77	5198.80	-25.33	-18.33	31.26	215.89	0.12
5300.00	0.73	47.06	5298.79	-24.37	-17.47	29.98	215.64	0.13
5400.00	0.59	28.36	5398.78	-23.48	-16.76	28.85	215.52	0.25
5500.00	0.72	30.18	5498.77	-22.48	-16.20	27.71	215.77	0.13
5600.00	0.76	19.22	5598.77	-21.31	-15.66	26.44	216.32	0.15
5700.00	0.65	31.36	5698.76	-20.19	-15.14	25.24	216.87	0.19

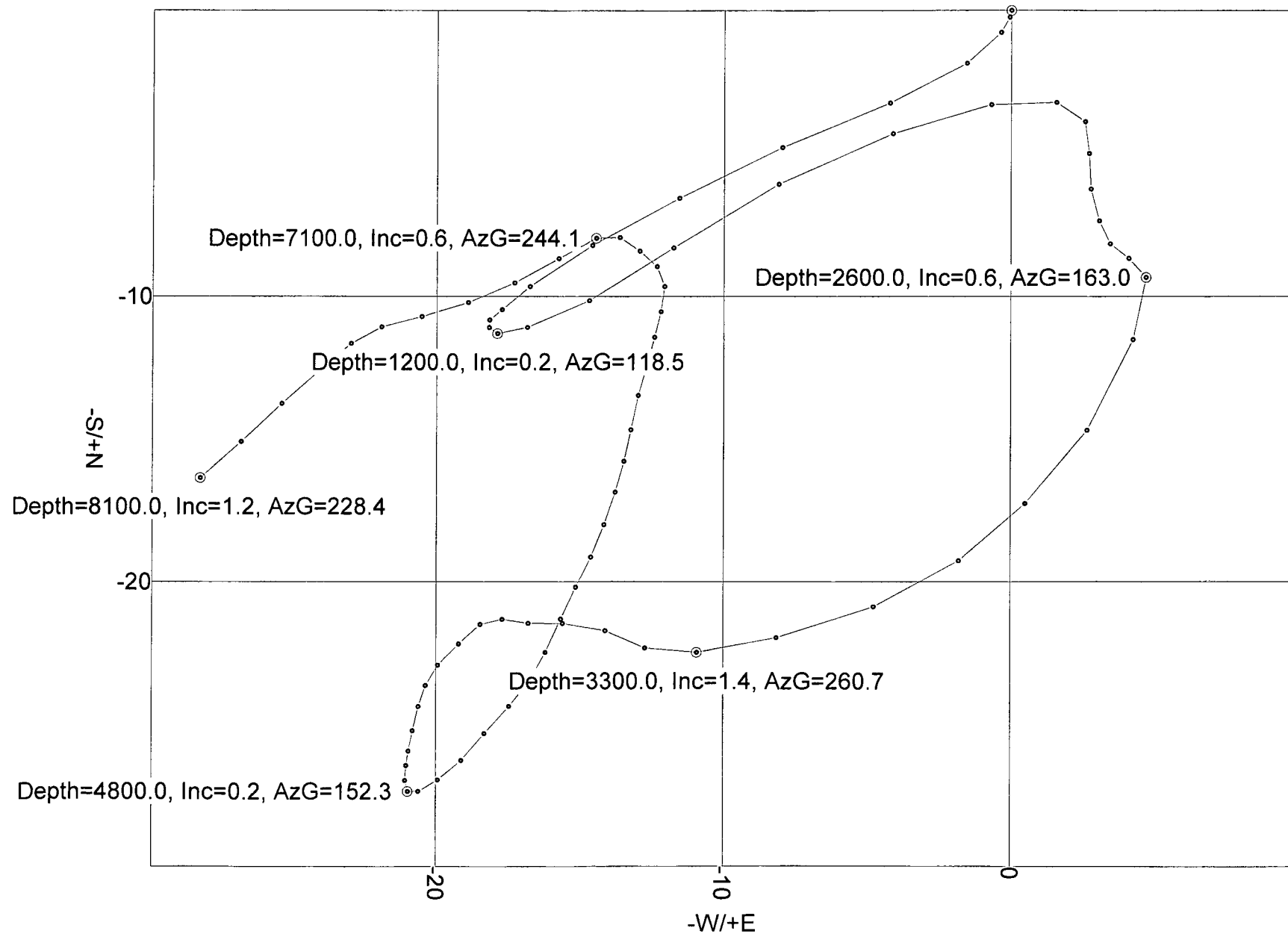
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5800.00	0.70	22.34	5798.75	-19.14	-14.61	24.08	217.37	0.11
5900.00	0.70	21.41	5898.74	-18.01	-14.16	22.91	218.18	0.01
6000.00	0.68	16.15	5998.74	-16.86	-13.77	21.77	219.24	0.07
6100.00	0.60	15.32	6098.73	-15.78	-13.46	20.74	220.47	0.08
6200.00	0.69	9.04	6198.72	-14.67	-13.23	19.76	222.04	0.11
6300.00	0.72	14.98	6298.72	-13.47	-12.97	18.71	223.92	0.08
6400.00	0.61	17.99	6398.71	-12.37	-12.65	17.69	225.64	0.11
6500.00	0.50	10.59	6498.71	-11.44	-12.41	16.87	227.33	0.13
6600.00	0.56	17.31	6598.70	-10.54	-12.18	16.11	229.12	0.09
6700.00	0.48	358.01	6698.70	-9.65	-12.05	15.44	231.30	0.19
6800.00	0.43	317.49	6798.69	-8.96	-12.32	15.23	233.97	0.32
6900.00	0.51	306.81	6898.69	-8.42	-12.92	15.42	236.93	0.12
7000.00	0.46	300.83	6998.69	-7.94	-13.62	15.77	239.75	0.07
7100.00	0.61	244.07	7098.68	-7.97	-14.45	16.50	241.12	0.53
7200.00	1.09	240.05	7198.67	-8.68	-15.75	17.99	241.15	0.49
7300.00	0.93	242.66	7298.66	-9.53	-17.30	19.75	241.16	0.17
7400.00	1.08	250.56	7398.64	-10.22	-18.91	21.50	241.62	0.20
7500.00	0.88	256.52	7498.63	-10.71	-20.55	23.17	242.47	0.22
7600.00	0.81	254.61	7598.62	-11.07	-21.97	24.60	243.25	0.08
7700.00	0.64	225.42	7698.61	-11.65	-23.05	25.82	243.18	0.40
7800.00	0.93	232.49	7798.60	-12.54	-24.09	27.15	242.50	0.31
7900.00	1.21	226.70	7898.58	-13.76	-25.50	28.98	241.65	0.30
8000.00	1.02	227.30	7998.56	-15.09	-26.93	30.87	240.73	0.20
8100.00	1.15	228.41	8098.54	-16.36	-28.33	32.71	240.00	0.13



Vaughn Energy Services
Gardendale Texas
432-563-5444
Surveyor: Danny Spring
Salada Vista 36 State 2H / API 30-015-40253



Depth=0.0, Inc=0.0, AzG=0.0



VES Survey Date: 08/18/2012

PathFinder Energy Services, Inc.

Survey Report

Page 01/04
Tie-in Date: 08/18/2012
Date Completed: 08/25/2012

COG OPERATING, LLC.
SALADA VISTA 36 STATE #2H
EDDY COUNTY, NEW MEXICO
Rig: PATRIOT #6
PathFinder Office Supervisor:
PathFinder Field Engineers: JESUS GARCIA
MIKE CORNISH

Survey Horiz. Reference: WELLHEAD
Ref Coordinates: LAT: 32.37.21.9198 N LON: 103.54.58.9747 W
GRID Reference: NAD83 new mexico east Transverse Mercator
Ref GRID Coord: X: 669706.7300 Y: 590541.0800
North Aligned To: GRID NORTH
Total Magnetic Correction: 7.41° EAST TO GRID
Vertical Section Plane: 269.72
Survey Vert. Reference: 17.00' Kelly Bushing To Ground
Altitude: 3389.90' Ground To MSL

Survey Calculations by RX4 using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
TIED INTO VAUGHN ENERGY GYRO SURVEY AT 8100'MD.										
8100.00	1.15	228.41	8098.54	0.00	28.41	16.36 S	28.33 W	32.71@	239.99	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
8147.00	1.06	221.76	8145.53	47.00	29.06	17.00 S	28.97 W	33.59@	239.60	0.33
8179.00	0.97	204.42	8177.53	32.00	29.37	17.46 S	29.28 W	34.09@	239.19	1.00
8210.00	1.41	221.41	8208.52	31.00	29.73	17.99 S	29.64 W	34.67@	238.75	1.80
8242.00	3.61	254.57	8240.49	32.00	30.96	18.55 S	30.87 W	36.02@	239.00	7.97
8274.00	7.12	264.92	8272.34	32.00	33.91	19.00 S	33.82 W	38.79@	240.68	11.33
8305.00	10.46	269.25	8302.98	31.00	38.64	19.20 S	38.55 W	43.07@	243.52	10.98
8337.00	14.07	272.70	8334.24	32.00	45.44	19.06 S	45.34 W	49.19@	247.20	11.51
8369.00	17.50	274.16	8365.03	32.00	54.12	18.53 S	54.03 W	57.12@	251.07	10.79
8400.00	21.37	271.93	8394.26	31.00	64.41	18.00 S	64.33 W	66.80@	254.37	12.71
8432.00	23.74	269.07	8423.81	32.00	76.68	17.91 S	76.60 W	78.66@	256.84	8.16
8464.00	25.94	267.19	8452.85	32.00	90.12	18.35 S	90.03 W	91.88@	258.48	7.30
8495.00	28.49	267.56	8480.41	31.00	104.28	19.00 S	104.19 W	105.91@	259.66	8.24
8527.00	31.30	268.07	8508.15	32.00	120.22	19.61 S	120.13 W	121.72@	260.73	8.82
8559.00	34.12	269.82	8535.08	32.00	137.51	19.91 S	137.41 W	138.85@	261.75	9.29
8590.00	37.72	270.98	8560.18	31.00	155.69	19.78 S	155.59 W	156.85@	262.76	11.82
8622.00	41.68	272.31	8584.79	32.00	176.11	19.18 S	176.02 W	177.06@	263.78	12.66
8654.00	46.43	273.04	8607.78	32.00	198.33	18.14 S	198.24 W	199.07@	264.77	14.93
8685.00	50.91	274.19	8628.25	31.00	221.55	16.66 S	221.47 W	222.09@	265.70	14.72
8717.00	53.90	274.81	8647.77	32.00	246.81	14.67 S	246.74 W	247.18@	266.60	9.47
8749.00	55.49	274.47	8666.27	32.00	272.83	12.56 S	272.77 W	273.06@	267.36	5.04
8780.00	58.21	273.83	8683.22	31.00	298.70	10.68 S	298.65 W	298.84@	267.95	8.94
8812.00	62.34	274.49	8699.08	32.00	326.40	8.67 S	326.36 W	326.48@	268.48	13.03
8844.00	67.27	274.68	8712.70	32.00	355.24	6.35 S	355.22 W	355.27@	268.98	15.42

PathFinder Energy Services, Inc. Survey Report

COG OPERATING, LLC.
SALADA VISTA 36 STATE #2H
EDDY COUNTY, NEW MEXICO
RIG: PATRIOT #6

Page 02/04

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
8875.00	70.52	274.60	8723.86	31.00	384.05	4.01 S	384.04 W	384.06@	269.40	10.49
8907.00	73.60	274.23	8733.71	32.00	414.39	1.67 S	414.39 W	414.39@	269.77	9.69
8938.00	76.41	274.85	8741.73	31.00	444.23	0.70 N	444.24 W	444.24@	270.09	9.27
8970.00	78.26	273.89	8748.75	32.00	475.34	3.08 N	475.36 W	475.37@	270.37	6.48
9002.00	78.96	273.87	8755.07	32.00	506.63	5.20 N	506.66 W	506.69@	270.59	2.19
9033.00	80.64	272.89	8760.56	31.00	537.08	7.00 N	537.12 W	537.16@	270.75	6.25
9065.00	84.42	271.20	8764.72	32.00	568.77	8.13 N	568.82 W	568.88@	270.82	12.92
9097.00	87.14	270.94	8767.07	32.00	600.67	8.73 N	600.72 W	600.79@	270.83	8.54
9128.00	88.11	270.18	8768.36	31.00	631.64	9.03 N	631.69 W	631.76@	270.82	3.97
9160.00	88.46	270.41	8769.32	32.00	663.63	9.19 N	663.68 W	663.74@	270.79	1.31
9192.00	88.99	270.36	8770.03	32.00	695.62	9.41 N	695.67 W	695.73@	270.77	1.66
9222.00	90.57	270.67	8770.14	30.00	725.61	9.68 N	725.67 W	725.73@	270.76	5.37
9254.00	90.92	270.54	8769.73	32.00	757.61	10.02 N	757.66 W	757.73@	270.76	1.17
9285.00	90.84	270.04	8769.25	31.00	788.60	10.17 N	788.66 W	788.73@	270.74	1.63
9317.00	90.75	270.58	8768.81	32.00	820.60	10.35 N	820.66 W	820.72@	270.72	1.71
9412.00	90.04	270.34	8768.15	95.00	915.59	11.11 N	915.65 W	915.72@	270.70	0.79
9507.00	89.87	268.89	8768.23	95.00	1010.58	10.47 N	1010.65 W	1010.70@	270.59	1.54
9602.00	89.34	267.90	8768.88	95.00	1105.55	7.81 N	1105.60 W	1105.63@	270.40	1.18
9696.00	90.84	268.79	8768.73	94.00	1199.52	5.10 N	1199.56 W	1199.57@	270.24	1.85
9791.00	91.01	268.03	8767.20	95.00	1294.48	2.46 N	1294.51 W	1294.51@	270.11	0.82
9886.00	91.71	267.43	8764.95	95.00	1389.40	1.30 S	1389.41 W	1389.41@	269.95	0.97
9981.00	89.43	267.69	8764.00	95.00	1484.32	5.35 S	1484.31 W	1484.32@	269.79	2.42
10076.00	89.34	267.12	8765.02	95.00	1579.24	9.65 S	1579.21 W	1579.24@	269.65	0.61
10172.00	87.93	267.98	8767.31	96.00	1675.14	13.75 S	1675.09 W	1675.15@	269.53	1.72
10266.00	87.85	267.32	8770.77	94.00	1769.01	17.60 S	1768.95 W	1769.03@	269.43	0.71
10361.00	88.02	266.07	8774.19	95.00	1863.82	23.07 S	1863.73 W	1863.87@	269.29	1.33
10456.00	90.13	266.31	8775.72	95.00	1958.62	29.39 S	1958.50 W	1958.72@	269.14	2.24
10551.00	92.24	266.46	8773.76	95.00	2053.43	35.37 S	2053.28 W	2053.59@	269.01	2.23

PathFinder Energy Services, Inc. **Survey Report**

COG OPERATING, LLC.
SALADA VISTA 36 STATE #2H
EDDY COUNTY, NEW MEXICO
RIG:PATRIOT #6

Page 03/04

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
10646.00	93.03	265.99	8769.39	95.00	2148.15	41.62 S	2147.98 W	2148.38@	268.89	0.97
10741.00	92.68	267.94	8764.66	95.00	2242.92	46.65 S	2242.72 W	2243.21@	268.81	2.08
10836.00	92.86	268.08	8760.07	95.00	2337.77	49.94 S	2337.55 W	2338.09@	268.78	0.24
10931.00	93.03	269.76	8755.19	95.00	2432.63	51.73 S	2432.41 W	2432.96@	268.78	1.77
11026.00	90.84	270.70	8751.98	95.00	2527.57	51.35 S	2527.34 W	2527.87@	268.84	2.51
11121.00	91.45	270.38	8750.08	95.00	2622.54	50.45 S	2622.32 W	2622.81@	268.90	0.72
11216.00	89.60	270.89	8749.21	95.00	2717.52	49.40 S	2717.31 W	2717.76@	268.96	2.02
11310.00	89.78	270.58	8749.72	94.00	2811.50	48.19 S	2811.30 W	2811.71@	269.02	0.38
11405.00	89.87	269.61	8750.01	95.00	2906.50	48.04 S	2906.30 W	2906.69@	269.05	1.03
11500.00	90.40	270.26	8749.79	95.00	3001.49	48.14 S	3001.29 W	3001.68@	269.08	0.88
11595.00	91.45	269.92	8748.25	95.00	3096.48	47.99 S	3096.28 W	3096.65@	269.11	1.16
11690.00	90.48	270.02	8746.65	95.00	3191.46	48.04 S	3191.27 W	3191.63@	269.14	1.03
11785.00	89.78	270.69	8746.44	95.00	3286.46	47.46 S	3286.26 W	3286.60@	269.17	1.02
11880.00	91.45	270.26	8745.42	95.00	3381.44	46.67 S	3381.25 W	3381.57@	269.21	1.81
11975.00	89.87	269.61	8744.32	95.00	3476.43	46.78 S	3476.24 W	3476.56@	269.23	1.80
12070.00	90.13	268.83	8744.32	95.00	3571.42	48.07 S	3571.23 W	3571.55@	269.23	0.87
12165.00	90.92	267.75	8743.45	95.00	3666.39	50.90 S	3666.18 W	3666.54@	269.20	1.41
12260.00	91.19	266.91	8741.70	95.00	3761.29	55.33 S	3761.06 W	3761.47@	269.16	0.93
12354.00	89.52	266.91	8741.12	94.00	3855.17	60.39 S	3854.92 W	3855.39@	269.10	1.78
12448.00	90.31	267.57	8741.26	94.00	3949.08	64.92 S	3948.81 W	3949.34@	269.06	1.09
12544.00	90.57	266.28	8740.52	96.00	4044.96	70.07 S	4044.67 W	4045.27@	269.01	1.37
12639.00	90.84	265.78	8739.35	95.00	4139.76	76.65 S	4139.43 W	4140.14@	268.94	0.60
12734.00	90.66	264.76	8738.11	95.00	4234.46	84.48 S	4234.10 W	4234.94@	268.86	1.09
12830.00	90.84	266.40	8736.86	96.00	4330.20	91.88 S	4329.80 W	4330.78@	268.78	1.72
12925.00	91.01	265.22	8735.32	95.00	4424.96	98.82 S	4424.53 W	4425.64@	268.72	1.26
13021.00	90.31	263.72	8734.21	96.00	4520.55	108.07 S	4520.08 W	4521.37@	268.63	1.72
13116.00	90.13	263.68	8733.85	95.00	4615.03	118.49 S	4614.50 W	4616.02@	268.53	0.19
13212.00	90.22	262.27	8733.56	96.00	4710.36	130.23 S	4709.78 W	4711.58@	268.42	1.47

PathFinder Energy Services, Inc. **Survey Report**

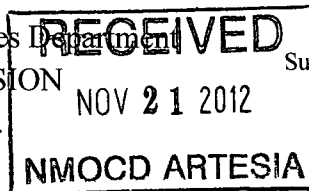
COG OPERATING, LLC.
 SALADA VISTA 36 STATE #2H
 EDDY COUNTY, NEW MEXICO
 RIG:PATRIOT #6

Page 04/04

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS
						(ft)	(ft)	(ft)	(deg)	(dg/100ft)
13307.00	90.40	263.20	8733.04	95.00	4804.65	142.25 S	4804.01 W	4806.12@	268.30	1.00
13402.00	90.13	262.52	8732.60	95.00	4898.97	154.05 S	4898.28 W	4900.70@	268.20	0.77
13497.00	89.52	260.59	8732.89	95.00	4993.00	168.01 S	4992.24 W	4995.07@	268.07	2.13
13559.00	89.34	261.92	8733.51	62.00	5054.32	177.43 S	5053.52 W	5056.63@	267.99	2.17
STRAIGHT LINE PROJECTION TO BIT DEPTH @ 13626' MD.										
13626.00	89.34	261.92	8734.28	67.00	5120.70	186.85 S	5119.84 W	5123.25@	267.91	0.00

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505



Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-40253		² Pool Code 96688	³ Pool Name Gatuna Canyon; Bone Spring
⁴ Property Code 39212	⁵ Property Name Salada Vista 36 State		⁶ Well Number 2H
⁷ OGRID No. 229137	⁸ Operator Name COG Operating LLC		⁹ Elevation 3390' GR

¹⁰ Surface Location

UL or lot no. D	Section 31	Township 19S	Range 31E	Lot Idn	Feet from the 480	North/South line North	Feet from the 180	East/West line West	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. D	Section 36	Township 19S	Range 30E	Lot Idn	Feet from the 667	North/South line North	Feet from the 340	East/West line West	County Eddy
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¹² Dedicated Acres 199.13	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

					¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Stormi Davis</u> Date: <u>11/20/12</u> Printed Name: <u>Stormi Davis</u> E-mail Address: <u>sdavis@concho.com</u>	
Producing Area 9033-13593'						
SEC 36 T19S, R30E					SEC 31 T19S, R31E	
					¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: REFER TO ORIGINAL PLAT Certificate Number	