

PATRIOT DRILLING, LLC

OPERATOR: COG Operating, LLC
WELL/LEASE: Buena Vista 2 State # 3-H
COUNTY: Eddy Co., New Mexico
Sec. 2, T20S, R30E

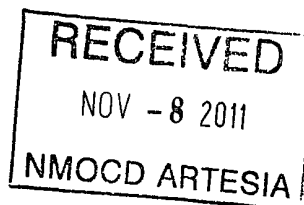
30-015-39245

**STATE OF NEW MEXICO
DEVIATION REPORT**

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
779	3	3,973	1
1,148	1 1/2	4,441	3/4
1,309	1 1/4	4,884	1/2
1,447	1 1/2	5,426	1 3/4
1,572	1 3/4	5,617	1 1/2
1,698	1 1/4	5,880	1 1/2
1,819	1 1/4	6,134	1
1,947	1	6,476	1 1/4
2,070	1 1/2	6,790	1 1/2
2,261	1	7,230	1
2,394	1 1/2	7,723	1/2
2,515	1 1/2	8,225	2
2,643	2	8,425	2 3/4
2,771	3	8,541	3 1/4
2,840	2 1/4		
2,994	2		
3,125	1 3/4		
3,488	3/4		

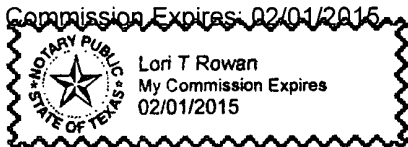
Patriot Drilling, LLC

M. Leroy Peterson, Executive Vice-
President



The foregoing instrument was acknowledged before me on this 8th day of
September, 2011 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling,

My Commission Expires: 02/01/2015



Lori T. Rowan
Notary Public for Ector Co., Texas

30-015-39245

COG OPERATING

Gatuna Canyon
Eddy County, NM
Buena Vista 2 State #3H
VH - Job #32K0811825

Survey: Actual

SDI Standard Survey Report

This survey is correct to the best of my knowledge and is supported by actual field data.

Alantha

Notarized this date 27th of September, 2011.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling International, Inc.

SDI Standard Survey Report



Company:	COG OPERATING	Local Co-ordinate Reference:	Well Buena Vista 2 State #3H
Project:	Gatuna Canyon	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Buena Vista 2 State #3H	North Reference:	Grid
Wellbore:	VH - Job #32K0811825	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811825	Database:	EDM-Regulatory

Project	Gatuna Canyon		
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	Eddy County, NM		
Site Position:		Northing:	590,631 31 usft
From:	Lat/Long	Easting:	629,005 79 usft
Position Uncertainty:	0 0 usft	Slot Radius:	13-3/16"
		Latitude:	32° 37' 22 980 N
		Longitude:	103° 54' 51 559 W
		Grid Convergence:	0 23 °

Well	Buena Vista 2 State #3H, Directional (Pathfinder)		
Well Position	+N/-S	0 0 usft	Northing: 580,755 89 usft
	+E/-W	0 0 usft	Easting: 619,904 46 usft
Position Uncertainty	0 0 usft	Wellhead Elevation:	usft
		Latitude:	32° 35' 45 600 N
		Longitude:	103° 56' 38 400 W
		Ground Level:	0 0 usft

Wellbore	VH - Job #32K0811825		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2010	8/27/2011	7 76
			Dip Angle
			(°)
			60 46
			Field Strength
			(nT)
			48,805

Design	VH - Job #32K0811825		
Audit Notes:			
Version:	1 0	Phase:	ACTUAL
		Tie On Depth:	0 0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0 0	0 0	0 0
			Direction
			(°)
			0 32

Survey Program	Date	10/9/2011		
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
100 0	7,500 0	Actual (VH - Job #32K0811825)	Keeper	Keeper Gyro

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
0 0	0 00	0 00	0 0	0 0	0 0	0 00	0 0
100 0	0 93	82 37	100 0	0 1	0 8	82 37	0 8
200 0	0 20	103 26	200 0	0 2	1 8	84 37	1 8
300 0	0 28	292 21	300 0	0 2	1 7	82 47	1 7
400 0	0 18	268 26	400 0	0 3	1 3	76 75	1 4
500 0	0 14	253 66	500 0	0 3	1 1	75 46	1 1
600 0	0 25	267 56	600 0	0 2	0 7	72 32	0 8
700 0	0 19	72 16	700 0	0 3	0 7	67 73	0 7
800 0	1 27	92 44	800 0	0 3	1 9	81 83	2 0
900 0	2 62	91 84	899 9	0 2	5 3	88 31	5 3
1,000 0	3 24	94 50	999 8	-0 1	10 4	90 76	10 4
1,100 0	3 21	92 24	1,099 6	-0 5	16 0	91 67	16 0

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SDI Standard Survey Report



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Project:	Gatuna Canyon	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Buena Vista 2 State #3H	North Reference:	Grid
Wellbore:	VH - Job #32K0811825	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811825	Database:	EDM-Regulatory

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
1,200 0	2 85	81 66	1,199 5	-0 2	21 3	90 59	21 3
1,300 0	2 36	67 02	1,299 4	0 9	25 7	87 89	25 7
1,400 0	2 15	67 37	1,399 3	2 5	29 3	85 17	29 4
1,500 0	1 44	87 79	1,499 3	3 2	32 3	84 26	32 4
1,600 0	0 91	121 77	1,599 2	2 9	34 2	85 20	34 3
1,700 0	0 91	126 98	1,699 2	2 0	35 5	86 81	35 6
1,800 0	1 82	111 47	1,799 2	0 9	37 6	88 60	37 6
1,900 0	1 56	101 06	1,899 2	0 1	40 4	89 89	40 4
2,000 0	0 98	81 18	1,999 1	-0 1	42 6	90 07	42 6
2,100 0	1 42	70 92	2,099 1	0 5	44 6	89 38	44 6
2,200 0	1 63	81 37	2,199 1	1 1	47 2	88 66	47 2
2,300 0	1 48	75 93	2,299 0	1 6	49 9	88 13	49 9
2,400 0	1 60	96 45	2,399 0	1 8	52 5	88 05	52 5
2,500 0	1 56	106 97	2,499 0	1 2	55 2	88 72	55 2
2,600 0	0 70	115 49	2,598 9	0 6	57 1	89 43	57 1
2,700 0	0 96	114 36	2,698 9	0 0	58 4	90 04	58 4
2,800 0	0 96	121 50	2,798 9	-0 8	59 8	90 79	59 8
2,900 0	1 26	115 29	2,898 9	-1 7	61 6	91 61	61 6
3,000 0	1 12	125 71	2,998 9	-2 8	63 3	92 50	63 4
3,100 0	0 94	110 33	3,098 9	-3 6	64 9	93 20	65 0
3,200 0	0 70	105 25	3,198 9	-4 1	66 3	93 51	66 4
3,300 0	0 86	104 73	3,298 8	-4 4	67 6	93 74	67 7
3,400 0	0 92	108 50	3,398 8	-4 9	69 1	94 03	69 2
3,500 0	0 82	93 59	3,498 8	-5 2	70 5	94 19	70 7
3,600 0	0 87	96 32	3,598 8	-5 3	72 0	94 21	72 2
3,700 0	0 57	88 10	3,698 8	-5 4	73 3	94 19	73 5
3,800 0	0 46	76 26	3,798 8	-5 3	74 1	94 05	74 3
3,900 0	0 32	89 70	3,898 8	-5 2	74 8	93 94	75 0
4,000 0	0 30	49 85	3,998 8	-5 0	75 3	93 79	75 5
4,100 0	0 40	84 80	4,098 8	-4 8	75 8	93 61	76 0
4,200 0	0 32	15 54	4,198 8	-4 5	76 3	93 36	76 4
4,300 0	0 31	24 45	4,298 8	-4 0	76 5	92 97	76 6
4,400 0	0 35	3 95	4,398 8	-3 4	76 6	92 55	76 7
4,500 0	0 60	351 62	4,498 8	-2 6	76 5	91 94	76 6
4,600 0	0 52	1 42	4,598 8	-1 6	76 5	91 21	76 5
4,700 0	0 75	330 46	4,698 8	-0 6	76 2	90 45	76 2
4,800 0	0 91	322 79	4,798 8	0 6	75 3	89 54	75 4
4,900 0	1 03	319 46	4,898 7	1 9	74 3	88 52	74 3
5,000 0	1 06	322 84	4,998 7	3 3	73 1	87 39	73 2
5,100 0	1 02	318 74	5,098 7	4 7	72 0	86 23	72 2
5,200 0	1 06	321 09	5,198 7	6 1	70 8	85 05	71 1
5,300 0	1 08	321 84	5,298 7	7 6	69 7	83 78	70 1
5,400 0	1 03	326 97	5,398 7	9 1	68 6	82 45	69 2
5,500 0	0 92	325 88	5,498 6	10 5	67 7	81 17	68 5

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SDI Standard Survey Report



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Site:	Eddy County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Buena Vista 2 State #3H	North Reference:	Grid
Wellbore:	VH - Job #32K0811825	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0811825	Database:	EDM-Regulatory

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
5,600 0	1 03	337 33	5,598 6	12 0	66 9	79 82	67 9
5,700 0	0 95	347 01	5,698 6	13 6	66 3	78 38	67 7
5,800 0	0 93	359 53	5,798 6	15 3	66 1	77 01	67 9
5,900 0	1 09	341 59	5,898 6	17 0	65 8	75 54	68 0
6,000 0	0 71	1 18	5,998 6	18 5	65 5	74 24	68 1
6,100 0	0 93	357 67	6,098 6	19 9	65 5	73 08	68 5
6,200 0	0 91	0 95	6,198 6	21 5	65 5	71 80	68 9
6,300 0	0 94	356 73	6,298 5	23 1	65 5	70 53	69 4
6,400 0	0 91	341 93	6,398 5	24 7	65 2	69 23	69 7
6,500 0	0 69	308 75	6,498 5	25 8	64 5	68 15	69 4
6,600 0	0 78	283 79	6,598 5	26 4	63 3	67 38	68 6
6,700 0	1 39	288 20	6,698 5	26 9	61 5	66 36	67 1
6,800 0	1 29	282 74	6,798 5	27 6	59 3	65 06	65 4
6,900 0	0 76	233 72	6,898 5	27 4	57 6	64 56	63 8
7,000 0	0 93	230 05	6,998 4	26 5	56 5	64 86	62 4
7,100 0	1 13	230 29	7,098 4	25 3	55 1	65 29	60 6
7,200 0	1 38	229 21	7,198 4	23 9	53 4	65 87	58 5
7,300 0	0 98	275 10	7,298 4	23 2	51 7	65 80	56 6
7,400 0	1 01	277 67	7,398 4	23 4	49 9	64 88	55 1
7,500 0	3 30	258 85	7,498 3	23 0	46 2	63 58	51 6



Project: Gatuna Canyon
Eddy County, NM
Well: Buena Vista 2 State #3H
Wellbore: VH - Job #32K0811825
Design: VH - Job #32K0811825

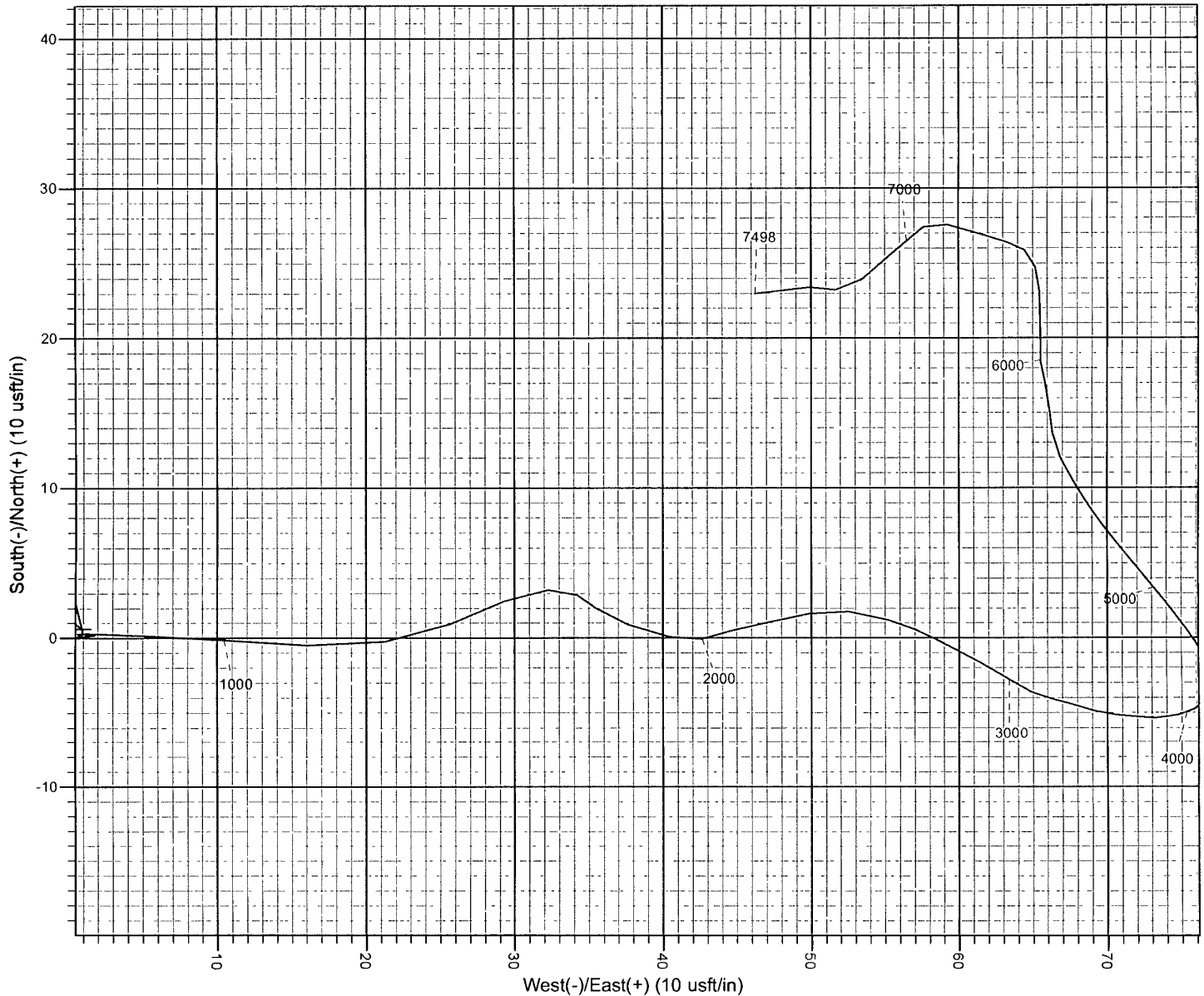


Azimuths to Grid North
True North: -0 21°
Magnetic North: 7 55°

Magnetic Field
Strength 48805 1snT
Dip Angle 60 46°
Date 8/27/2011
Model IGRF2010

WELL DETAILS: Buena Vista 2 State #3H
WELL @ 0.0usft (Original Well Elev)
Ground Level: 0.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	580755.89	619904.46	32° 35' 45.600 N	103° 56' 38.400 W	



PROJECT DETAILS: Gatuna Canyon
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

SITE DETAILS: Eddy County, NM
Site Centre Latitude: 32° 37' 22.980 N
Longitude: 103° 54' 51.559 W
Positional Uncertainty: 0.0
Convergence: 0.23
Local North: Grid



DIRECTIONAL REPORT

WELLNAME: BUENA VISTA 2 STATE #3H

FIELD: GATUNA CANYON

AFE NO.:

WELL ID NO.: 30-015-39245

API NO.: 30-015-39245

SURVEY TYPE: MWD-0

MD: 7.500

ANGLE: 3.30

AZIMUTH: 258.85

TVD: 7.498

N/S: 22.94

E/W: 46.25

VS: 23.20

TARGET:

MEASURED DEPTH	INCLINATION ANGLE	AZIMUTH ANGLE	TVD	+NORTH -SOUTH	+EAST -WEST	VERTICAL SECTION	DOGLEG SEVERITY
7.500	3.30	258.85	7.498	22.94	46.25	51.63	0.00
7.665	1.93	246.13	7.663	20.90	39.05	20.90	0.90
7.760	0.53	284.36	7.758	20.36	37.16	20.36	1.63
7.856	0.53	267.84	7.854	20.45	36.29	20.45	0.16
7.951	0.70	138.11	7.949	20.00	36.23	20.00	1.18
7.983	0.70	154.11	7.981	19.68	36.45	19.68	0.61
8.015	0.62	285.24	8.013	19.55	36.37	19.55	3.76
8.046	2.55	331.91	8.044	20.20	35.88	20.20	7.01
8.078	4.31	356.79	8.076	22.03	35.48	22.03	7.08
8.109	5.72	9.27	8.107	24.72	35.66	24.72	5.72
8.141	6.77	17.09	8.139	28.10	36.48	28.10	4.22
8.173	9.85	9.71	8.170	32.60	37.49	32.60	10.17
8.204	14.42	3.99	8.201	39.07	38.21	39.07	15.23
8.235	18.99	1.97	8.230	47.96	38.65	47.96	14.86
8.267	23.92	0.74	8.260	59.66	38.91	59.66	15.47
8.298	28.40	359.07	8.288	73.32	38.87	73.32	14.64
8.330	32.54	358.45	8.316	89.54	38.52	89.54	12.97
8.362	37.11	358.10	8.342	107.80	37.97	107.80	14.29
8.394	41.59	358.63	8.367	128.08	37.39	128.08	14.04
8.426	46.17	0.48	8.390	150.25	37.23	150.25	14.86
8.458	51.09	1.71	8.411	174.25	37.70	174.25	15.64
8.489	55.93	1.62	8.429	199.16	38.42	199.16	15.62
8.520	61.29	1.36	8.445	225.60	39.11	225.60	17.30
8.551	65.77	1.18	8.459	253.34	39.73	253.34	14.46
8.583	69.12	1.36	8.471	282.88	40.38	282.88	10.48
8.615	72.46	0.30	8.482	313.09	40.81	313.09	10.90
8.651	76.59	0.74	8.492	347.78	41.13	347.78	11.53
8.683	80.02	0.48	8.498	379.11	41.47	379.11	10.75
8.715	83.10	359.69	8.503	410.76	41.51	410.76	9.93
8.779	88.72	357.84	8.507	474.55	40.13	474.55	9.24
8.875	89.25	358.02	8.509	570.47	36.66	570.47	0.58
8.970	89.60	357.58	8.510	665.40	33.02	665.40	0.59
9.065	90.04	358.10	8.510	760.33	29.44	760.33	0.72
9.160	90.75	358.10	8.510	855.27	26.29	855.27	0.75
9.255	89.96	357.93	8.509	950.21	23.00	950.21	0.85
9.351	90.66	357.23	8.508	1046.13	18.94	1046.13	1.03
9.445	89.87	356.61	8.508	1139.99	13.89	1139.99	1.07
9.541	90.75	356.26	8.507	1235.80	7.92	1235.80	0.99
9.636	89.43	356.61	8.507	1330.61	2.02	1330.61	1.44
9.731	90.84	356.61	8.507	1425.44	-3.60	1425.44	1.48
9.827	90.04	358.19	8.506	1521.34	-7.96	1521.34	1.84
9.921	88.72	356.43	8.507	1615.22	-12.37	1615.22	2.34
10.016	89.69	355.82	8.509	1709.99	-18.79	1709.99	1.21
10.112	90.57	355.29	8.508	1805.70	-26.23	1805.70	1.07
10.207	88.90	356.52	8.509	1900.46	-33.01	1900.46	2.18
10.303	89.43	355.73	8.510	1996.22	-39.50	1996.22	0.99
10.398	90.04	354.94	8.511	2090.91	-47.22	2090.91	1.05
10.493	90.84	354.94	8.510	2185.53	-55.60	2185.53	0.84
10.589	90.13	355.91	8.509	2281.22	-63.26	2281.22	1.25
10.684	90.04	356.08	8.509	2375.99	-69.89	2375.99	0.20
10.779	88.72	357.84	8.510	2470.85	-74.93	2470.85	2.32



DIRECTIONAL REPORT

WELLNAME: BUENA VISTA 2 STATE #3H

FIELD: GATUNA CANYON

AFE NO.:

WELL ID NO.: 30-015-39245

API NO.: 30-015-39245

SURVEY TYPE: MWD-0MD: 7.500ANGLE: 3.30AZIMUTH: 258.85TVD: 7.498N/S: 22.94E/W: 46.25VS: 23.20

TARGET:

MEASURED DEPTH	INCLINATION ANGLE	AZIMUTH ANGLE	TVD	+NORTH -SOUTH	+EAST -WEST	VERTICAL SECTION	DOGLEG SEVERITY
10,875	89.25	357.66	8,512	2566.76	-78.70	2566.76	0.58
10,970	89.69	358.72	8,513	2661.70	-81.70	2661.70	1.21
11,065	91.54	357.49	8,512	2756.64	-84.84	2756.64	2.34
11,161	91.10	357.84	8,509	2852.53	-88.75	2852.53	0.59
11,256	90.31	358.63	8,508	2947.48	-91.68	2947.48	1.18
11,352	91.45	357.58	8,507	3043.41	-94.85	3043.41	1.61
11,446	89.60	357.84	8,506	3137.33	-98.61	3137.33	1.99
11,542	89.60	357.58	8,507	3233.25	-102.44	3233.25	0.27
11,637	89.96	357.75	8,507	3328.17	-106.31	3328.17	0.42
11,733	89.60	358.89	8,507	3424.13	-109.13	3424.13	1.25
11,828	90.48	358.10	8,507	3519.09	-111.62	3519.09	1.25
11,924	90.84	358.54	8,506	3615.05	-114.44	3615.05	0.59
12,019	90.48	358.81	8,505	3710.01	-116.63	3710.01	0.47
12,114	88.90	359.77	8,506	3805.00	-117.81	3805.00	1.95
12,210	88.55	0.39	8,508	3900.98	-117.67	3900.98	0.74
12,305	89.96	359.69	8,509	3995.97	-117.61	3995.97	1.66
12,401	90.31	0.30	8,509	4091.97	-117.62	4091.97	0.73
12,496	88.55	359.69	8,510	4186.96	-117.63	4186.96	1.96
12,592	88.20	358.89	8,512	4282.91	-118.81	4282.91	0.91
12,687	88.72	358.10	8,515	4377.84	-121.31	4377.84	0.99
12,814	89.52	357.05	8,517	4504.71	-126.68	4504.71	1.04
12,909	90.22	356.43	8,517	4599.56	-132.08	4599.56	0.98
12,956	90.22	356.43	8,517	4646.46	-135.01	4646.46	0.00

Submit To Appropriate District Office Two Copies District I 1625 N French Dr., Hobbs, NM 88240 District II 1301 W Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S St Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 July 17, 2008 1. WELL API NO. 30-015-39245 2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN 3. State Oil & Gas Lease No.
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG											
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13 K NMAC)								5. Lease Name or Unit Agreement Name Buena Vista 2 State 6. Well Number. 3H			
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER								9. OGRID 229137			
8. Name of Operator COG Operating LLC 10. Address of Operator 2208 W. Main Street Artesia, NM 88210								11. Pool name or Wildcat Gatuna Canyon; Bone Spring			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	
Surface:	N	2	20S	30E		330	South	2260	West	Eddy	
BH:	C	2	20S	30E		345	North	2125	West	Eddy	
13. Date Spudded 8/16/11	14. Date T.D Reached 9/5/11	15. Date Rig Released 9/7/11		16. Date Completed (Ready to Produce) 10/22/11		17. Elevations (DF and RKB, RT, GR, etc.) 3218' GR					
18. Total Measured Depth of Well 12960'		19. Plug Back Measured Depth 12909'		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run None					
22. Producing Interval(s), of this completion - Top, Bottom, Name 8640-12889' Bone Spring											
23. CASING RECORD (Report all strings set in well)											
CASING SIZE	WEIGHT LB./FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED						
13 3/8"	48#	406'	17 1/2"	950 sx	0						
9 5/8"	36#, 40#	3891'	12 1/4"	2900 sx	0						
5 1/2"	17#	12957'	7 7/8"	2200 sx	0						
24. LINER RECORD											
SIZE	TOP	BOTTOM	SACKS CMT	SCREEN	TUBING RECORD						
					SIZE						
					DEPTH SET						
					PACKER SET						
26. Perforation record (interval, size, and number) 8640-12889' (368)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 8640-12889' Acdz w/24192 gal 7 1/2%; Frac w/3024982# sand & 2415911 gal fluid								
28. PRODUCTION											
Date First Production 10/27/11		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Producing, Shut-in) Producing						
Date of Test 10/29/11	Hours Tested 24	Choke Size 24/64"	Prod'n For Test Period	Oil - Bbl 667	Gas - MCF 780						
Flow Tubing Press. 380#	Casing Pressure 110#	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl 1556						
					Gas - Oil Ratio						
29. Disposition of Gas (Sold, used for fuel, vented, etc) Flaring					30. Test Witnessed By Adam Olguin						
31. List Attachments Deviation Report, Directional Surveys											
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.											
33. If an on-site burial was used at the well, report the exact location of the on-site burial.											
Latitude _____ Longitude _____ NAD 1927 1983											
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief											
Signature:		Printed Name: Stormi Davis		Title: Regulatory Analyst							
				Date: 11/1/11							
E-mail Address: sdavis@concho.com											

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt 481'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 1701'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 1874'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 2017'	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Rustler 396'	T. Dakota	
T. Tubb	T. Delaware 3972'	T. Morrison	
T. Drinkard	T. Yeso	T. Todilto	
T. Abo	T. Cherry Canyon	T. Entrada	
T. Wolfcamp	T. Brushy Canyon	T. Wingate	
T. Penn	T. Bone Spring 6441'	T. Chinle	
T. Cisco-Canyon	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology