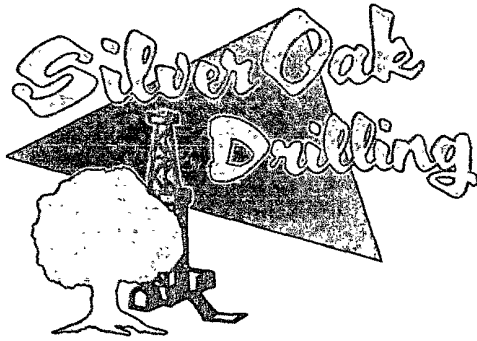




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

30-015-38369

December 5, 2011

COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: Continental State #7
990' FNL & 1650' FWL
Sec. 15, T17S, R29E
Eddy County, New Mexico

Dear Sir,

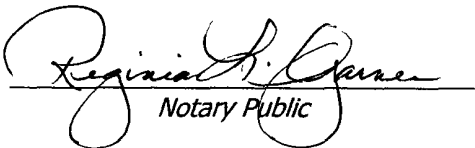
The attached is the Deviation Survey for the above captioned well.

Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 5th day of December, 2011.


Notary Public



Continental State #7

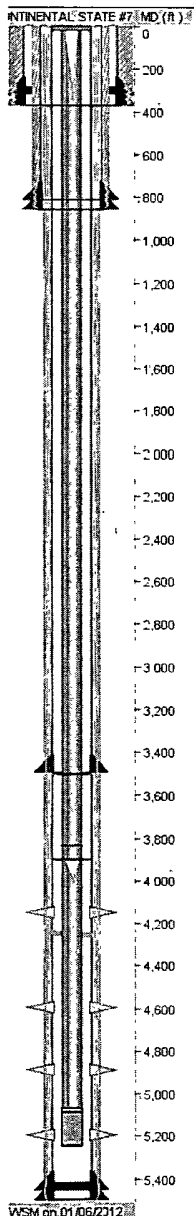
Date	Depth	Dev/Inc
11/25/2011	190	0.50
11/26/2011	589	0.20
11/27/2011	641	0.20
11/28/2011	1013	0.90
11/28/2011	1332	0.30
11/28/2011	1809	0.70
11/28/2011	2351	0.90
11/29/2011	2606	0.90
11/29/2011	2860	0.30
11/29/2011	3338	0.30
11/29/2011	3816	0.30
11/30/2011	4294	0.80
11/30/2011	4772	0.80
12/1/2011	5340	0.70
12/1/2011	5440	2.00

ID: 30-015-38369

Well Name: CONTINENTAL STATE #7

Event#: 2.00

Report Dates: 01/06/2012



PIPE SPECIFICATION

STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
SURFACE	GUIDE SHOE		366.90	368.00	1.10	14.38	13.38			8RD.
SURFACE	CASING	1	321.56	366.90	45.34	13.38	12.71	48.0	H-40	8RD
SURFACE	INSERT FLOAT		321.56	321.56	0.00	13.38				8RD.
SURFACE	CASING	7	-3.67	321.56	325.23	13.38	12.71	48.0	H-40	8RD.
PRODUCTION	FLOAT SHOE		5494.94	5496.41	1.47	6.05				8RD
PRODUCTION	CASING	1	5449.80	5494.94	45.14	5.50	4.89	17.0	J-55	8RD
PRODUCTION	FLOAT COLLAR		5448.50	5449.80	1.30	6.05				8RD
PRODUCTION	CASING	43	3507.47	5448.50	1941.03	5.50	4.89	17.0	J-55	8RD
PRODUCTION	MARKER JOINT	1	3492.88	3507.47	14.59	5.50	4.89	17.0	J-55	8RD
PRODUCTION	CASING	77	18.00	3492.88	3474.88	5.50	4.89	17.0	J-55	8RD
PRODUCTION	LANDING JOINT		-3.18	18.00	21.18	5.50	4.89	17.0	J-55	8RD
TUBING	BULL PLUG		5245.87	5246.67	0.80	2.88	2.44	6.5	J-55	8-
TUBING	MUD ANCHOR	5	5087.89	5245.87	157.98	2.88	2.44	6.5	J-55	8-
TUBING	CAVINS		5068.64	5087.89	19.25	2.88	2.44	6.5	J-55	8-
TUBING	SEAT NIPPLE		5067.54	5068.64	1.10	2.88	2.44	6.5	J-55	8-
TUBING	TUBING	37	3898.85	5067.54	1168.69	2.88	2.44	6.5	J-55	8-
TUBING	TUBING ANCHOR		3896.15	3898.85	2.70	5.50	4.89	17.0	J-55	8-
TUBING	TUBING	2	3832.95	3896.15	63.20	2.88	2.44	6.5	J-55	8-
TUBING	MARKER SUB		3830.95	3832.95	2.00	2.88	2.44	6.5	J-55	8-
TUBING	TUBING	121	-9.00	3830.95	3839.95	2.88	2.44	6.5	J-55	8-
INTERMEDIATE	GUIDE SHOE		855.90	857.00	1.10	9.63				8RD
INTERMEDIATE	CASING	1	810.67	855.90	45.23	8.63	8.10	24.0	J-55	8RD
INTERMEDIATE	FLOAT COLLAR		809.27	810.67	1.40	9.63				8RD
INTERMEDIATE	CASING	18	-3.95	809.27	813.22	8.63	8.10	24.0	J-55	8RD

CEMENTING

STRING NAME	STAGE #	LEAD TOP (est) (ft)	LEAD TOP (ver) (ft)	TAIL TOP (est) (ft)	TAIL TOP (ver) (ft)
SURFACE	1			0.0	0.0
PRODUCTION	1	0.0	0.0		
INTERMEDIATE	1	0.0	0.0		

BHA STRING

DRILL EQUIP CODE	DESCRIPTION	LENGTH	OD SIZE	ID SIZE
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PERFORATION

ZONE	JOB REPORT DATE	ZONE NAME	TOP DEPTH	BOTTOM DEPTH	HOLE SIZE	PEN SIZE	SQUEEZED
1	12/22/2011	BLNBRY	5070.00	5320.00	0.34	12.50	N
2	12/23/2011	BLNBRY	4775.00	5000.00	0.34	12.50	N
3	12/23/2011	BLNBRY	4480.00	4705.00	0.34	12.50	N

ID: 30-015-38369

Well Name: CONTINENTAL STATE #7

Event#: 2.00

Report Dates: 01/06/2012

PERFORATION

ZONE	JOB REPORT DATE	ZONE NAME	TOP DEPTH	BOTTOM DEPTH	HOLE SIZE	PEN SIZE	SQUEEZED
4	12/23/2011	PADDOCK	4035 00	4260.00	0 34	12 50	N