

CAVALOZ DRILLING

P.O BOX 1500 (575) 3910699 FAX (575) 391- 3824 HOBBS, NEW MEXICO 88241

INCLINATION REPORT

DATE: 11/15/11

WELL NAME AND NUMBER CONTINENTAL ST #10
LOCATION EDDY COUNTY
OPERATOR: COG LLC
DRILLING CONTRACTOR: CAVALOZ DRILLING RIG #2

THE UNDERSIGNED HEREBY CERTIFIES THAT HE IS AN AUTHORIZED REPRESENTATIVE OF THE DRILLING CONTRACTOR WHO DRILLED THE ABOVE DESCRIBED WELL AND THAT HE HAS CONDUCTED DEVIATION TEST AND OBTAINED THE FOLLOWING RESULTS:

DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH
<u>1.4</u>	<u>148</u>	<u>1.1</u>	<u>3465</u>	<u> </u>	<u> </u>
<u>1</u>	<u>250</u>	<u>1</u>	<u>3850</u>	<u> </u>	<u> </u>
<u>1.1</u>	<u>433</u>	<u>1</u>	<u>4349</u>	<u> </u>	<u> </u>
<u>1.3</u>	<u>628</u>	<u>0.5</u>	<u>4723</u>	<u> </u>	<u> </u>
<u>1.4</u>	<u>817</u>	<u>1</u>	<u>5234</u>	<u> </u>	<u> </u>
<u>1</u>	<u>1287</u>	<u>0.7</u>	<u>5540</u>	<u> </u>	<u> </u>
<u>1.3</u>	<u>1759</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>0.7</u>	<u>2138</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>1</u>	<u>2618</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>1.1</u>	<u>3084</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

DRILLING CONTRACTOR:
CAVALOZ DRILLING

BY: Bob Wegner
BOB WEGNER
DRILLING SUPERINTENDENT

SUBSCRIBED AND SWORN TO BEFORE ME ON THE 15 DAY OF Nov, 2011

MY COMMISSION EXPIRES: 03/01/15

Jessica Bueno



OFFICIAL SEAL
JESSICA BUENO
NOTARY PUBLIC - STATE OF NEW MEXICO
My commission expires: 03/01/15



Daily Wellbore Schematics Report

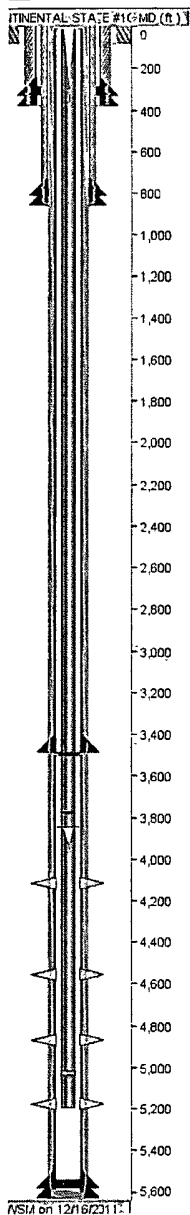
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ID: 30-015-39113

Well Name: CONTINENTAL STATE #10

Event#: 2.00

Report Dates: 12/16/2011



PIPE SPECIFICATION

STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
SURFACE	FLOAT SHOE		374.90	376.00	1.10					
SURFACE	CASING	1	332.71	374.90	42.19	13.38	12.71	48.0	H-40	STC
SURFACE	INTERNAL FLOAT		332.71	332.71	0.00					
SURFACE	CASING	8	-3.54	332.71	336.25	13.38	12.71	48.0	H-40	STC
PRODUCTION	FLOAT SHOE		5623.27	5624.72	1.45					
PRODUCTION	CASING	1	5578.11	5623.27	45.16	5.50	4.89	17.0	J-55	LTC
PRODUCTION	FLOAT COLLAR		5576.81	5578.11	1.30					
PRODUCTION	CASING	46	3501.27	5576.81	2075.54	5.50	4.89	17.0	J-55	LTC
PRODUCTION	MARKER JOINT	1	3486.84	3501.27	14.43	5.50	4.89	17.0	J-55	LTC
PRODUCTION	CASING	77	12.00	3486.84	3474.84	5.50	4.89	17.0	J-55	LTC
PRODUCTION	LANDING JOINT		-5.00	12.00	17.00					
TUBING	BULL PLUG		5193.51	5194.31	0.80	2.88	2.44	6.5	J55	8RD
TUBING	TUBING	5	5035.33	5193.51	158.18	2.88	2.44	6.5	J55	8RD
TUBING	CAVIN DESANDER		5016.07	5035.33	19.26	3.00	2.44	6.5	J55	8RD
TUBING	SEATING NIPPLE		5014.97	5016.07	1.10	2.88	2.23	6.5	J55	8RD
TUBING	TUBING	37	3844.13	5014.97	1170.84	2.88	2.44	6.5	J55	8RD
TUBING	TUBING ANCHOR		3841.43	3844.13	2.70	4.50	2.44	6.5	J55	8RD
TUBING	TUBING	2	3778.13	3841.43	63.30	2.88	2.44	6.5	J55	8RD
TUBING	MARKER JOINT		3776.13	3778.13	2.00	2.88	2.44	6.5	J55	8RD
TUBING	TUBING	119	12.00	3776.13	3764.13	2.88	2.44	6.5	J55	8RD
TUBING	ELEVATION		0.00	12.00	12.00					
TUBING				0.00	0.00					
INTERMEDIATE	FLOAT SHOE		858.90	860.00	1.10					
INTERMEDIATE	CASING	1	813.60	858.90	45.30	8.63	8.10	24.0	J-55	STC
INTERMEDIATE	FLOAT COLLAR		812.15	813.60	1.45					
INTERMEDIATE	CASING	18	-2.57	812.15	814.72	8.63	8.10	24.0	J-55	STC

CEMENTING

STRING NAME	STAGE #	LEAD TOP (est) (ft)	LEAD TOP (ver) (ft)	TAIL TOP (est) (ft)	TAIL TOP (ver) (ft)
CONDUCTOR	1				
SURFACE	1				
PRODUCTION	1	0.0	0.0	0.0	0.0
INTERMEDIATE	1		0.0	400.0	

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
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ID: 30-015-39113**Well Name:** CONTINENTAL STATE #10**Event#:** 2.00**Report Dates:** 12/16/2011

PERFORATION							
ZONE	JOB REPORT DATE	ZONE NAME	TOP DEPTH	BOTTOM DEPTH	HOLE SIZE	PEN SIZE	SQUEEZED
1	12/09/2011	LOWER BLINEBRY	5050.00	5300.00	0.41	25 00	N
2	12/10/2011	MIDDLE BLINEBRY	4740.00	4990.00	0.41	25 00	N
3	12/10/2011	UPPER BLINEBRY	4430.00	4680.00	0.41	25 00	N
4	12/10/2011	PADDOCK	3990.00	4240.00	0.41	25.00	N