

Mud Properties Summary (legal size)
COPRC DODO CANYON E-76 65-10 126-45

PT/Well	Surface Legal Location	License No.	Well Configuration Type	Ground Elevation (m)	Casing Flange Elevation (m)	KB-Ground Distance (m)	KB-Casing Flange Distance (m)
00E7665-10126-45	E-76 65-10 126-45	EL 470	HORIZONTAL	268.20	268.00	5.20	5.40
Rigs							
AFE / RFE	Job Type	Job SubType	Plan TMD (m3)	Plan Form	Contractor	Rig Name#	Rig Type
0351817	DRILLING ORIGINAL		2,881.00	Lower Canal	Beaver Drilling Ltd.	2	DRILLING-DOUBLE
Fluid / Mud Checks							
Date	Depth (m)	Depth (m)	Type	Vis (cP)	Dens (g/cm ³)	Temp (°C)	Wellbore
2/28/2013	95.00	95.00	Gel-Chem	33	1,040.0	9.5	Original Hole
2/29/2013	95.00	95.00	Gel-Chem	33	1,040.0	9.5	Original Hole
2/30/2013	95.00	95.00	Gel-Chem	33	1,040.0	9.5	Original Hole
2/31/2013	331.00	330.99	Gel-Chem	40	1,040.0	8.0	Original Hole
7/1/2014	415.00	414.98	Gel-Chem	42	1,160.0	8.0	Original Hole
7/2/2014	589.00	588.97	Gel-Chem	80	1,170.0	8.0	Original Hole
7/3/2014	603.00	602.97	Gel-Chem	95	1,210.0	8.5	Original Hole
7/4/2014	603.00	602.97		53	1,200.0		Original Hole
7/6/2014	646.00	645.97	Megadrill D invert	50	950.0	10.0	Original Hole
7/7/2014	1,008.00	1,007.93	Megadrill D invert	46	920.0	8.5	Original Hole
7/8/2014	1,434.00	1,433.71	Megadrill D invert	48	975.0	9.0	Original Hole
7/9/2014	1,597.00	1,594.26	Megadrill D invert	53	1,000.0	12.0	Original Hole
7/10/2014	1,622.00	1,617.83	Megadrill D invert	54	1,020.0	12.5	Original Hole
7/11/2014	1,712.00	1,698.06	Megadrill D invert	55	1,010.0	11.5	Original Hole
7/12/2014	1,788.00	1,748.23	Megadrill D invert	56	1,020.0	11.5	Original Hole
7/13/2014	1,864.00	1,774.35	Megadrill D invert	59	1,015.0	11.5	Original Hole
7/14/2014	1,908.00	1,777.91	Megadrill D invert	59	1,015.0	15.0	Original Hole
7/15/2014	1,908.00	1,777.91	Megadrill D invert	68	1,055.0		Original Hole
7/16/2014	1,906.00	1,777.91		75	1,080.0		Original Hole

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Fluid / Mud Checks

Date	Depth (mKB)	Depth (TVD) (mKB)	Type	Dens (kg/m ³)	Vis (cP)	PV Calc (Pas)	YP Calc (Pa)	Gel (10s) (Pa)	Gel (10m) (Pa)	API Filtrate (mL/30 min)	pH	Pom (mL/mL)	Retort Solids (%)	CaCl (ppm)	Ca (mg/L)	Chlor (mg/L)	K	LCM	Lime (kg/m ³)	LGS (%)	Mg (mg/L)	MBT (kg/m ³)	n	OW Ratio	Pf (mL/mL)	Pm (mL/mL)	Pot (mg/L)	Sand (%)	Solids, Corr. (%)	Wellbore Original Hole	
7/17/2014	2,045.00	1,777.27	Megadrill D Invert	1,045.0	67	18.0	5.0	6.5	18.0			4,500	10.0		38	211,825	16		17	5.5			0	82/18					8.5	8.5	Original Hole
7/18/2014	2,285.00	1,790.97	Megadrill D Invert	1,040.0	74	18.0	4.5	5.5	16.0			4,500	11.0		38	254,082	12		17	6.9			0	83/17					3.0	9.2	Original Hole
7/19/2014	2,630.00	1,798.20	Megadrill D Invert	1,045.0	83	23.0	5.0	7.0	23.0			4,500	11.5		47	284,951	12		17	8.2			0	84/16					2.8	9.5	Original Hole
7/20/2014	2,910.00	1,805.47	Megadrill D Invert	1,060.0	83	23.0	5.0	7.0	23.0			4,500	11.5		47	284,951	12		17	8.2			0	84/16					2.8	9.5	Original Hole
7/22/2014	2,910.00	1,805.47	Megadrill D Invert	1,080.0	88	24.0	5.0	7.0	22.0			4,500	13.0		45,500	285,598	15		17	9.8			0	84/16					2.8	11.1	Original Hole

IV. Leak Off Test Charts

Provided as separate report

V. Geological Strip log

Provided under separate cover