



Daily Operations Report - Partners (Drilling)

Operator:	BP	Event Type:	DRL- OFFSHORE	Report:	125
Well/Wellbore No.:	OCS-G 32306 MC252 #1/01	Event Objective:	NEW DRILL	Date:	3/26/2010
WB Objective:	NEW DRILL	Well Type:	EXPLORATION		
Site:	MC252	Job Number:			
Contractor:	TRANSOCEAN OFFSHORE	Rig:	DEEPWATER HORIZON 87		

Bit Details

Bit Run	Re-Run	Size	Manuf.	Model	Type	Serial #	Nozzles(32nd")	TFA	Depth In(ft)	Depth Out(ft)
12	N	10.625	HUGHES CHRISTENSEN	QD507FX	Polycrystalline Diamond Bit	7014990	7X12	0.770	15,113.00	
Cum Prog (ft)		RPM Min/Max	WOB Min/Max	Daily Hrs.	Hours Cum	ROP Cum	Condition			

BHA

BHA No.:	12	TMD In:	15,113.00 (ft)	BHA Weight:	
Workstring Purpose:	DRILLING	TMD Out:			

Component	Component Type	Component Detail	Jts	Length (ft)	Cum Length (ft)	OD (in)	ID (in)	Blade OD (in)	Bend Angle (°)	Connection		P/B
										Size (in)	Type	
Bit	Polycrystalline Diamond Bit	10 5/8" PDC	1	2.00	2.00	10.625	2.750			4.500	IF	B
MWD	Steering Tool	7600 Geo Pilot	1	23.16	25.16	7.625	2.437			4.500	IF	B
Drill Collar	Non-Mag Drill Collar	Non Mag Flex Collar	1	9.05	34.21	5.063	2.437			4.500	IF	B
Stabilizer	Integral Blade Stabilizer	10 3/8" Integral Blade Stabilizer	1	3.91	38.12	6.750	2.437			6.625	REG	B
MWD	Logging While Drilling	8 1/4" M5 RLL	1	27.02	65.14	8.000	2.437			6.625	REG	B
Stabilizer	Integral Blade Stabilizer	10 7/16" Integral Blade Stabilizer	1	3.99	69.13	9.000	2.437			6.625	REG	B
MWD	Logging While Drilling	Q-BAT Sonic	1	22.41	91.54	8.000	2.437			6.625	REG	B
MWD	Logging While Drilling	8" Geo Tap	1	26.32	117.86	8.000	2.437			6.625	REG	B
MWD	Pulser Sub	8" Pulser Sub	1	11.05	128.95	8.000	2.437			6.625	REG	B
Sub	Filter Sub	Filter Sub	1	7.57	136.52	8.000	3.500			6.625	REG	B
Stabilizer	Integral Blade Stabilizer	10 1/2" Integral Blade Stabilizer	1	6.27	142.79	8.063	2.875			6.625	REG	B
Underreamer	Underreamer	12 1/4" Baker Reamer	1	13.08	155.87	8.000	3.000			6.625	REG	B
Drill Collar	Drill Collar	8 1/4" Drill Collar	1	31.26	187.13	8.250	2.875			6.625	REG	B
Stabilizer	Integral Blade Stabilizer	10 1/2" Integral Blade Stabilizer	1	7.25	194.38	8.063	2.875			6.625	REG	B
Drill Collar	Drill Collar	8 1/4" Drill Collar	1	31.11	225.49	8.250	2.875			6.625	REG	B
Drill Collar	Drill Collar	8 1/4" Drill Collar	1	31.26	256.77	8.250	2.875			6.625	REG	B
Drill Collar	Drill Collar	8 1/4" Drill Collar	1	29.34	286.11	8.250	2.875			6.625	REG	B
Drill Collar	Drill Collar	8 1/4" Drill Collar	1	30.40	316.51	8.250	2.812			6.625	REG	B
Drill Collar	Drill Collar	8 1/4" Drill Collar	1	30.69	347.20	8.250	2.875			6.625	REG	B
Sub	Cross Over	X/OVER SUB	1	4.96	352.18	9.000	3.000			6.625	FH	B
Heavy Weight	Heavy Weight Drill Pipe	HWDP	9	276.32	628.50	6.625	45.000			6.625	FH	B
Jar	Drilling Jar	Drilling Jars	1	32.36	660.86	8.000	3.000			6.625	FH	B
Heavy Weight	Heavy Weight Drill Pipe	HWDP	20	615.81	1,276.67	6.625	4.500			6.625	FH	B

Drilling Fluid

Type:	SYNTHETIC OBM	10 sec gels:	24.000 (lb/100ft <sup>2</sup> )	Ca:		ES:	354.0 (Volts)
Time:	22:00 /SUC	10 min gels:	31.000 (lb/100ft <sup>2</sup> )	K+:		Solids:	19.14 (%)
Depth:	15,113.00 (ft)	Fluid Loss:		CaCl2:	16.6000 (%)	Oil:	53.00 (%)
FL Temp.:	0 (°F)	HTHP Temp:	250.0 (°F)	NaCl:		Water:	22.00 (%)
Density:	13.40 (ppg)	HTHP WL:	1.8 (cc/30min)	Cl-:		Oil/Water:	71.00/29.00
Funnel Visc:	97.00 (s/qt)	Cake:	1.0 (32nd")	Sand:		Daily Cuttings:	
ECD:		MBT:		HGS:	224.47 (lbm/bbl)	Cum Cuttings:	1,625.0 (bbl)
PV:	2,500.00 (cp)	Lime:	2.86 (lbm/bbl)	LGS:	33.86 (lbm/bbl)	Lost Downhole:	
YP:	17.000 (lb/100ft <sup>2</sup> )	PM:		PI/Mf:		Lost Surface:	

North America - North America Exploration - BP  
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WB Objective: NEW DRILL	Well Type: EXPLORATION	
Site: MC252	Job Number:	
Contractor: TRANSOCEAN OFFSHORE	Rig: DEEPWATER HORIZON 87	

**Operations Summary (Derrick 1)**

From - To Op. Depth (ft)	Hrs (hr)	Phase	Task	Activity	Code	NPT	Operation
00:00 - 00:30 15,113.0	0.50	LNR4			P		PERFORMED EXPANSION PROCEDURE TO SET CASING HANGER PER HALLIBURTON WITH 5,000 PSI. MONITORED WELL ON TRIP TANK. LOSSES WHILE RUNNING & CEMENTING 11.875" CASING: LOST WHILE MAKING UP CASING = 0 BBLS LOST WHILE TIH ON LANDING STRING = 0 BBLS LOST WHILE CIRCULATING = 79 BBLS LOST WHILE CEMENTING = 228 BBLS LEFT BEHIND PIPE = 192 BBLS
00:30 - 01:00 15,113.0	0.50	LNR4	CEMT	RD	P		RIGGED DOWN CEMENT HEAD AND LAID OUT ON THE RISER SKATE. MONITORED WELL ON TRIP TANK.
01:00 - 02:00 15,113.0	1.00	LNR4	CEMT	CIR	P		DROPPED DRILL PIPE WIPER BALL AND PUMPED 2 STRING VOLUMES. MONITORED ACTIVE SYSTEM FOR GAINS OR LOSSES.
02:00 - 02:30 15,113.0	0.50	LNR4	CEMT	CIR	P		PUMPED 50 BBLS OF 15 PPG SLUG. MONITORED ACTIVE SYSTEM FOR GAINS OR LOSSES.
02:30 - 06:30 15,113.0	4.00	LNR4	CEMT	POH	P		PULLED OUT OF HOLE FROM 12,817' MD TO 45' MD. MONITORED DISPLACEMENT ON TRIP TANK.
06:30 - 07:00 15,113.0	0.50	LNR4	CEMT	LD	P		LAID DOWN CASING HANGER RUNNING TOOL FROM 45' MD TO SURFACE. MONITORED DISPLACEMENT ON TRIP TANK.
07:00 - 07:30 15,113.0	0.50	LNR4	CEMT	CLRF	P		CLEANED AND CLEARED THE RIG FLOOR. RIGGED DOWN CASING HANDLING TOOL FROM THE FORWARD PRS. MONITORED WELL ON TRIP TANK.
07:30 - 08:00 15,113.0	0.50	LNR4	CEMT	SAFETY	P		HELD PER-JOB SAFETY MEETING ON PICKING UP 10 5/8" X 12 1/4" DRILLING ASSEMBLY. MONITORED WELL ON TRIP TANK.
08:00 - 09:30 15,113.0	1.50	LNR4	CEMT	BHPULD	P		PICKED UP 10 5/8" X 12 1/4" DRILLING ASSEMBLY FROM THE RISER SKATE FROM SURFACE TO 130' MD. MONITORED DISPLACEMENT ON THE TRIP TANK.
09:30 - 11:00 15,113.0	1.50	LNR4	CEMT	BHATST	P		PROGRAMMED MWD TOOLS. MONITORED WELL ON TRIP TANK.
11:00 - 12:00 15,113.0	1.00	LNR4	CEMT	BHPULD	P		CONTINUED PICKING UP 10 5/8" X 12 1/4" DRILLING ASSEMBLY FROM 130' MD TO 450' MD. MONITOR DISPLACEMENT ON TRIP TANK.
12:00 - 12:30 15,113.0	0.50	LNR4	CEMT	SAFETY	P		HELD PRE-JOB MEETING WITH CREW ON RUNNING IN THE HOLE. MONITORED WELL ON TRIP TANK.
12:30 - 13:30 15,113.0	1.00	LNR4	CEMT	RIH	P		CONTINUED RUNNING IN THE HOLE FROM 450' MD TO 4028' MD. CHANGED OUT JARS GOING IN THE HOLE. MONITORED PIPE DISPLACEMENT ON TRIP TANK.
13:30 - 14:00 15,113.0	0.50	LNR4	CEMT	BHATST	P		FILLED DRILL PIPE. SHALLOW TESTED MWD TOOLS. MONITORED ACTIVE FOR GAINS OR LOSSES.
14:00 - 14:30 15,113.0	0.50	LNR4	CEMT	SAFETY	P		HELD PRE-JOB MEETING ON SLIPPING DRILL LINE. MONITORED WELL ON TRIP TANK.
14:30 - 15:30 15,113.0	1.00	LNR4	CEMT	RIGSER	P		SLIPPED 100' OF DRILL LINE. MONITORED WELL ON TRIP TANK. RESET FLOOR SAVER AND RECALIBRATED BLOCK. VERIFIED CROWN SAVER. WHILE SLIPPING DRILL LINE BEGAN CASING TEST TO 1,800 PSI HIGH.
15:30 - 16:30 15,113.0	1.00	LNR4	CASING	TSTPRS	P		CONTINUED WITH CASING TEST. TESTED CASING TO 1800 PSI FOR 30 MIN. INITIAL PRESSURE 1820 PSI. FINAL PRESSURE 1768 PSI. TESTED BLIND SHEAR RAMS FROM THE TOOLPUSHER'S CONTROL PANEL ON YELLOW POD TO 250 PSI LOW / 1,800 PSI HIGH FOR 5 MINUTES EACH TEST. FUNCTION TESTED BLIND SHEAR RAMS FROM DRILLER'S CONTROL PANEL ON BLUE POD. MONITORED RISER ON TRIP TANK.

3/27/2010

7:12:33AM

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WB Objective:	NEW DRILL	Well Type:	EXPLORATION		
Site:	MC252	Job Number:			
Contractor:	TRANSOCEAN OFFSHORE	Rig:	DEEPWATER HORIZON 87		

**Operations Summary (Derrick 1)**

From - To Op. Depth (ft)	Hrs (hr)	Phase	Task	Activity	Code	NPT	Operation
16:30 - 18:30 15,113.0	2.00	LNR4	CEMT	RIH	P		RAN IN THE HOLE FROM 4,028' MD TO 9,259' MD. MONITORED PIPE DISPLACEMENT ON TRIP TANK. WHILE TRIPPING HOLE, TESTED CHOKE MANIFOLD TO 250 PSI LOW / 6,500 PSI HIGH, TESTED ALL BUFFER VALVES TO 250 PSI LOW / 5,000 PSI HIGH FOR 5 MINUTES EACH TEST OR GREEN LIGHT ON DIGITAL ANATOMIZED BOP TEST.
18:30 - 19:30 15,113.0	1.00	LNR4	CEMT	PU	P		PICKED UP 3 STANDS OF 5 1/2", 38#, RII TEST PIPE. MADE UP EACH JOINT, BROKE OUT, INSPECTED THREADS, RE-DOPED THREADS AND MADE BACK UP. MONITORED PIPE DISPLACEMENT ON TRIP TANK.
19:30 - 22:00 15,113.0	2.50	LNR4	CEMT	RIH	P		RAN IN THE HOLE FROM 9,552' MD TO 14,503' MD. MONITORED PIPE DISPLACEMENT ON THE TRIP TANK.
22:00 - 23:00 15,113.0	1.00	LNR4	BOPSUB	PU	P		FILLED DRILL PIPE, PICKED UP TEST KELLY. LOCATED ON UPPER ANNULAR TO VERIFY 5 1/2" RANGE 2 DRILL PIPE ACROSS BOP'S. RIGGED UP CHICKSAN LINES. MONITORED PIPE DISPLACEMENT ON THE TRIP TANK.
23:00 - 00:00 15,113.0	1.00	LNR4	BOPSUB	RU	P		RIGGED UP CHICKSAN LINES. TESTED LINES TO 8,000 PSI. MONITORED WELL ON TRIP TANK.

**Mud Log Information**

Formation:	Formation top @:	Max Background Gas:	0.00 (%)	Max Trip Gas:
Lithology:		Max Connection Gas:		Pore Press:

**Materials/Consumption**

Item	Unit	Usage	On Hand	Item	Unit	Usage	On Hand
DIESEL	BBLS	178	17,807	POTABLE WATER	BBLS	263	6,448
DRILL WATER	BBLS	209	8,540	HELICOPTER FUEL	GAL		0
BARITE	SACKS		10,408	CEMENT	SACKS		3,058
CEMENT CLASS G	SACKS		254	CEMENT LITE FILL	SACKS		619

**Personnel**

Personnel on Board: 137

Company	No. People	Hours	Company	No. People	Hours
BP	137	1,644.00			

**Weather**

Temperature H/L:	67.0(°F) /57.0(°F)	Wind Speed:	6.0(knots)	Visibility:	10.00(mi)	Prec Type:	None
Bar Press:	30.04(in-Hg)	Wind Direction:	45.00(°)	Ceiling:	5,200.00(ft)	Prec Amt:	0(°)
Wind Chill:		Gust Speed:	10.0(knots)				

**Anchoring/Marine**

Rig Heading:	110.00 (°)	Sea Height:	0.25 (ft)	Rig Heave:	0.00 (ft)	Current Speed:	0.8 (knots)
VDL:	5.7 (klbf)	Sea Dir:	45.00 (°)	Rig Roll:	0.10 (°)	Current Direction:	43.00 (°)
Swell Height:	2.00 (ft)	Sea Period:	3 (sec)	Rig Pitch:	0.10(°)		
Comments:							

**Cumulative Phase Breakdown**

Phase	Planned						Change of Scope						Total Hours
	Prod	% Total	NPT	% Total	WOW	% Total	Prod	% Total	NPT	% Total	WOW	% Total	
Wellbore No: OH													
COND1	8.50	100.00		0.00		0.00	0.00		0.00		0.00		8.50
COND2	64.00	95.52	3.00	4.48		0.00	0.00		0.00		0.00		67.00
SURF	185.50	49.87	186.50	50.13		0.00	0.00		0.00		0.00		372.00
LNR1	122.50	18.09	554.50	81.91		0.00	0.00		0.00		0.00		677.00

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WB Objective: NEW DRILL	Well Type: EXPLORATION	
Site: MC252	Job Number:	
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**Cumulative Phase Breakdown**

Phase	Planned						Change of Scope						Total Hours
	Prod	% Total	NPT	% Total	WOW	% Total	Prod	% Total	NPT	% Total	WOW	% Total	
SURE		0.00	897.00	100.00		0.00	0.00		0.00		0.00	897.00	
LNR2	146.00	29.35	351.50	70.65		0.00	0.00		0.00		0.00	497.50	
LNR3	48.50	18.20	218.00	81.80		0.00	0.00		0.00		0.00	266.50	
LNR4		0.00		0.00		0.00	0.00		0.00		0.00		
<b>Sub Totals (OH)</b>	<b>575.00</b>	<b>20.64</b>	<b>2,210.50</b>	<b>79.36</b>		<b>0.00</b>	<b>0.00</b>		<b>0.00</b>		<b>0.00</b>	<b>2,785.50</b>	
<b>Wellbore No: 01</b>													
LNR3	61.00	55.96	48.00	44.04		0.00	0.00		0.00		0.00	109.00	
LNR4	105.50	98.60	1.50	1.40		0.00	0.00		0.00		0.00	107.00	
		0.00		0.00		0.00	0.00		0.00		0.00		
LNR2		0.00		0.00		0.00	0.00		0.00		0.00		
<b>Sub Totals (01)</b>	<b>166.50</b>	<b>77.08</b>	<b>49.50</b>	<b>22.92</b>		<b>0.00</b>	<b>0.00</b>		<b>0.00</b>		<b>0.00</b>	<b>216.00</b>	
<b>Grand Total</b>	<b>741.50</b>	<b>24.70</b>	<b>2,260.00</b>	<b>75.30</b>		<b>0.00</b>	<b>0.00</b>		<b>0.00</b>		<b>0.00</b>	<b>3,001.50</b>	

**Support Craft/Logistics**

Arrival	Depart	Type	Number	Comments
11:33	11:41	HELICOPTER	S-92 (792PH)	COMBINED FLIGHT FOR HALLIBURTON HANGER TECH (Cr: 1 In: 1 Out: 0)
05:45	15:35	CREW BOAT		RETURNED WITH BHA TOOLS FROM PREVIOUS HOLE SECTION (Cr: 1 In: 0 Out: 0)
00:00		SUPPLY BOAT	DAMON BANKS	VESSEL OFFLOADING 9 7/8" CASING, BACKLOADING EXCESS 11 7/8" CASING (Cr: 1 In: 0 Out: 0)
07:30	07:48	HELICOPTER	S-92 (N592PH)	REGULAR CREW CHANGE FLIGHT WITH CASING SERVICE PERSONNEL (Cr: 1 In: 15 Out: 14)

**Remarks**

NOTE: RIG EQUIPMENT THAT IS DOWN, WAITING ON PARTS OR BEING REPAIRED:

1. ROTARY TABLE LOCKED OUT UNTIL PARTS ARE RECEIVED.
2. WORK IN THE STBD COLUMN PUMP ROOM - 98% COMPLETE.
3. PS-30'S ARE REPAIRED BUT CAN NOT BE USED UNTIL ROTARY IS REPAIRED.
4. #2 THRUSTER IS OUT OF SERVICE. PARTS ON ORDER
5. # 4 ENGINE DOWN
6. CATWALK, PORCH
7. #2 RISER TENSIONER OUT OF SERVICE
- 8) WEIGH INDICATOR OFF 30K TO 100K

ROV OPERATIONS: DIVE # 1916. CURRENT SURVEY, ROUTINE STACK & RISER INSPECTION, BOTTOM SCAN.

METAL RECOVERED FROM DITCH MAGNETS:  
 TOTAL METAL RECOVERED THIS HOLE SECTION = 6.98 LBS  
 TOTAL METAL RECOVERED IN PAST 24 HOURS = 1.61 LBS  
 TOTAL METAL RECOVERED THIS WELL = 14.99 LBS

0000 - 0500 UPDATE:

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## Remarks

0000 - 0330: TEST BOPS ON 5 1/2" DRILL PIPE.

0330 - 0400: RIGGED DOWN CHICKSAN LINES & LAID DOWN TEST KELLY.

0400 - 0430: RUN IN HOLE FROM 14,503' MD TO 14,778' MD.

0430 - 0500: TEST BOPS ON 6 5/8" DRILL PIPE.

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ADDITIONAL DATA FOR THE MARINE OPERATIONS SUPPORT GROUP:

STACK HEADING: 135°  
WIND-UP LIMIT: 000°  
PRESENT WIND-UP: 025°  
TOTAL POWER AVAILABLE: 14,000 kw  
PRESENT POWER USED: 29%  
THRUSTERS ONLINE: 4  
THRUSTERS AVAILABLE: 2  
THRUSTERS BLOCKED: 2  
THRUST USED (%) : 5%  
ENVIRONMENTAL CURRENT (DP/KONGSBERG CURRENT) : 0.36 kts  
ENVIRONMENTAL CURRENT DIRECTION (TOWARDS) : 332°  
KG MARGIN (FT) (FOR MODU'S): 9.78 FT

## MISC COMMENTS:

MARINE EQUIPMENT DOWN / UNAVAILABLE: OPERATIONAL.  
DP FAULTS OR ANOMALIES: #2 THRUSTER OUT OF SERVICE WAITING ON PARTS