## APACHE CORPORATION

**Daily Drilling Report** 

WELL NAME DATE SPEKE SOUTH-1 12-04-2008 ΔPI # 24 HRS PROG TMD TVD REPT NO 905.00 (m) 904.99 (m) 3.00 (m) RIG NAME NO FIELD NAME AUTH TMD PLANNED DOW DOI DFS / KO WATER DEPTH WEST TRITON 3,137.00 (m) 13.25 (days) 7.00 (days) 5.19 (days) 55.00 (m) OIM SPUD DATE Rig Release WELL SUPERVISOR PBTMD 07-04-2008 ADA SUPERVISOR / B OPENSHAW/S SCHMIDT DISTRICT STATE / PROV **RIG PHONE NO RIG FAX NO** REGION AUSTRALIA OFFSHORE VICTORIA AFE # 108E70 AFE COSTS DAILY COSTS CUMULATIVE COSTS DESCRIPTION: DHC: 10.633.798 DHC: 635.059 DHC: 5.024.926 Dry Hole AFE DCC DCC: DCC: cwc. CWC. CWC Others: Others: Others: TOTAL 10,633,798 TOTAL: 635,059 TOTAL: 5,024,926 LAST SAFETY MEETING BLOCK FORMATION BHA HRS OF SERVICE DEFAULT DATUM / ELEVATION ROTARY TABLE / 37.00 (m) Vic-P42 LAST SURVEY LAST CSG SHOE TEST (EMW) LAST CASING NEXT CASING AZM 261.40° 339.725 mm @ 895.0 m 0.000 mm @ -1.0 m MD 861.49 (m) INC 0.60° (sg) CURRENT OPERATIONS: POOH with HWDP. 24 HR SUMMARY: Completed testing IBOP's, layed out 16" BHA, picked up and make up 12 1/4" clean out assembly, RIH to 713 meters. Inspect top drive after dropping blocks, repair top drive cooling fan ducting, change out saver sub. Cont RIH tag float collar at 895 meters. 24 HR FORECAST: Layout 8" drill collars. Pick up 8 1/2" BH, RIH drill 8 1/2' hole. **OPERATION SUMMARY** NPT CODES HRS PT/NPT ACTIVITY SUMMARY From То Phase Operation 0:00 1:00 1.00 S-NUP BOPS PP Completed testing Top drive IBOP'S, rigged down test line. 1:00 5:00 4.00 INT-DRL TRIPBHA PP Laved out 16" BHA 5.00 6.30 1.50 INT-DRI TRIPBHA PP M/U 12 1/4" bit and BHA, RIH to 213 meters. 6:30 7:00 0.50 INT-DRL TRIPBHA PP Adjusted link tilt to extend to mousehole 7:00 11:30 4.50 INT-DRL TRIPBHA PP Pick up 5 1/2" drill pipe and RIH to 713 meters. INT-DRL 11:30 13:00 1.50 TRIPBHA PN RO Travelling blocks dropped onto joint drill pipe that was being made up in rotary table. Stop work, make area safe, carried out safety investigation. INT-DRL TRIPBHA ΡN 13:00 13:30 0.50 RO Spool drilling line onto drawworks 17:30 4.00 INT-DRL TRIPBHA PN RO Carried out inspection of Top Drive, repaired Top Drive cooling fan ducting. 13:30 INT-DRL TRIPBHA 17:30 20:30 3.00 PN RO Changed out damaged saver sub on Top Drive INT-DRL TRIPBHA 20:30 23:00 2.50 PP Continued RIH, picking up 5 1/2" drill pipe, tag float collar at 895meters. 23:00 23:30 0.50 INT-DRL DRLG PP Drill out float/shoe and rathole from 895-903 meters. While displacing hole to 1.12sg KCL mud Drill 12 1/4" hole from 903-906 meters. 23:30 0:00 0.50 INT-DRL DRLG PP 24.00 = Total Hours Today 06:00 UPDATE 0000-0600 00:00 - 01:00 - Cirulate hole clean and condition mud. 01:00 - 02:00 - Flow check, pull into casing shoe. Rig up lines, prove flow path, test lines 1500 psi, conduct LOT with 9.33ppg (1.12 sg) mud to 620 psi, EMW= 13.45ppg (1.61sg) 02:00 - 05:30 - Flow checked, pumped slug and POOH to 147 meters. 05:30 - 06:00 - Unable to lower or raise travelling blocks, travelling block alarms on, travelling blocks height indicator alarms activated. trouble shoot alarms BIT DATA **BIT / RUN** SIZE MANUFACTURER TYPE SERIAL JETS OR TFA DEPTH IN / DATE IN I-O-D-L-B-G-O-R NO (mm)XP-CPS HUGHES CHRISTENSEN PE6389 1-1-WT-A-0-I-NO-BHA 3/1 311.2 902.00 / 12-04-2008 **BIT OPERATIONS** BIT / RUN WOB PRESS 24 Hr PROG 24 HR ROP CUM HRS CUM PROG RPM FLOW P BIT HRS CUM ROP 3/1 3.406.87 13,790 0.50 3.00 6.0 0.50 3.00 6.0 0

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**Daily Drilling Report** 

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WELL	NAME												DA	TE	
SPEKE SOUTH-1													12-04-2008		
API # 24 HRS PROG					TMD	TMD TVD						REPT NO			
				905.0	905.00 (m) 904.99 (m)						7				
LCM:	CM:					ML	ID PROPER	RTIES		MUD TYPE:					
VIS	/IS PV/YP GELS WL/HTHP		P FC/T.SOL OIL/WAT % SAND/MBT				pH/Pm Pf/Mf Cl			Ca	H2S	KCL	LGS		
(s/l)	(cp ) / (Pa )	(F	Pa)	(ml/30 min	) (mm ) /	(%)	(%)	(% )/(sg )	(mL )	(mL	) (ppm )	(ppm	) (%)	(ppm)	(%)
						l	PP		Y COST	0	CUM COST	0		OIL	
								I	I			0			
BHA 3 JAR S/N					BHA / HOLE CONDITION						BIT		3		
BHA WT BELOW JARS STRING WT UP S						STRING WT DN STRING WT H						BHA LENGTH			
(tonne) (tonne)					(tor	(tonne) (tonne)			e) 7 (kN-m)			213.07 (m)		)	
		ITEM DES	SCRIPTIO	N			NO JTS	LENGTH O.D		I.D	CONN SIZE		CON	NN TYP	
Heavy Weight Drill Pipe						0	84.60	139	.70	82.55					
		Cross	s Over				0	1.22	177.80 73.15		73.15				
Drilling Jar					1	0	9.87	165.10		69.85	+				
						0	1.22	177.80		73.15	+				
Cross Over											_				
Heavy Weight Drill Pipe						0	56.44	139.70		82.55 73.15					
Cross Over						0	1.22	209	209.55						
Drill Collar						0	56.69	209.55		69.85					
Bit Sub						0	1.48	209.55		73.15					
Tri-Cone Bit						0	0.33	311	.15						
				UMPS/H	YDRAULI	CS				I		SPR		-	
#1															
#2															
#3															
						HP: 0.000 (kW/cm <sup>2</sup> )									
							PERSON	NEL DATA							
СОМРА	NY				QTY		HRS COMPANY						QTY	н	IRS
HALIBURTON 2						BAKER OIL TOOLS			S						
SEA DRILL 12						QSERV HALIBURTON (BRO			וחוסכ						
SCHLUMBERGER MWD/LWD 4 BAKER HUGHS 4						TAMBORITHA			ROID)						
SCHLUMBERGER (WLINE) 4							APACHE								
SEA DRILL SERVICES 38							ADA				4				
TOTAL MARINE CATERING 9												TOTAL PERSONNEL ON BOARD:			
							SUPPOR	T CRAFT							
	TYPE			1					REMARKS						
CAMBE															
HELICC	PTER														
HELICC															
				<u> </u>											
PACIFIC															
				I		MΔ	TERIALS/C	ONSUMPTIC	N						
	ITEM		UNITS		JSAGE	1			1	UNITS		USAG	E	ON H	
R	ARITE BULK		MT		6		102	BENTONITI	E	MT		5070		57	
			÷									21			
CEMENT MT WATER, POTABLE MT 36			95 FUEL OIL 227 WATER, DRILLIN			m3 NG MT			28						
					36									34	

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		Daily Dril	ling Report							
WELL NAME						DATE				
SPEKE SOUTH-1						12-04-2008				
API #	24 HRS PROG	TMD	TMD TVD							
	3.00 (m)			904.99 (	m)	REPT NO 7				
		905.00 (m) WEA	THER							
TIME	TIME SWELL WAVE WIND SPEED/DIR GUST SPEED/DI									
	HT/DIR/PER	HT/DIR/PER				ТЕМР				
00:00	1.00/ /5	//120.00/5			/225.00					
			/ENTORY							
ITEM	U	NIT	USAGE		Day Cost (\$)	ON HAND				