## **APACHE CORPORATION**

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**Daily Drilling Report** 

**WELL NAME** DATE SPEKE SOUTH-1 10-04-2008 API# 24 HRS PROG TMD TVD REPT NO 0.00 (m) 902.00 (m) 901.99 (m) RIG NAME NO FIELD NAME AUTH TMD PLANNED DOW DOL DFS / KO WATER DEPTH WEST TRITON 3,137.00 (m) 13.25 (days) 5.00 (days) 3.19 (days) 55.00 (m) SPUD DATE Rig Release WELL SUPERVISOR PBTMD 07-04-2008 ADA SUPERVISOR / B OPENSHAW/S SCHMIDT STATE / PROV RIG PHONE NO RIG FAX NO REGION DISTRICT AUSTRALIA OFFSHORE VICTORIA AFE # 108E70 AFE COSTS DAILY COSTS **CUMULATIVE COSTS** DESCRIPTION: DHC: 10,633,798 DHC: 3,730,852 DHC: 912,737 DCC: Dry Hole AFE DCC: DCC: CWC: CWC: CWC: Others: Others: Others: TOTAL: 10,633,798 TOTAL: 3,730,852 912,737 TOTAL: LAST SAFETY MEETING BLOCK FORMATION BHA HRS OF SERVICE **DEFAULT DATUM / ELEVATION** Vic-P42

ROTARY TABLE / 37.00 (m)

LAST SURVEY LAST CSG SHOE TEST (EMW) LAST CASING **NEXT CASING** 861.49 (m) INC 0.60° AZM 261.40° 339.725 mm @ 895.0 m 0.000 mm @ -1.0 m (sg)

CURRENT OPERATIONS: Nipple up Bop's.

24 HR SUMMARY: Run 20" / 13 3/8" casing, land out well head at CTU, run inner string. Cemented casing, POOH 1 stand circulate bottoms up. POOH with inner string.

24 HR FORECAST: Complete nipple up of Bop's, test Bop's, run wear bushing. Layout 16" BHA.

## **OPERATION SUMMARY**

From	То	HRS	Phase	Operation	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	1:30	1.50	S-DRL	TRIPBHA	PP		POOH to BHA.
1:30	2:30	1.00	S-DRL	TRIPBHA	PP		Handle BHA.
2:30	4:30	2.00	S-CSG	RU_RD	PP		Rig up to run casing.
4:30	5:30	1.00	S-CSG	SFTY	PP		Held JSA and run 13 3/8" casing, checked float equipment. RIH to 91 meters.
5:30	6:30	1.00	S-CSG	ROVDIV	PP		Jumped ROV, assist stab in casing into hole, retrieve ROV.
6:30	11:00	4.50	S-CSG	CSGRP	PP		Continued run 13 3/8" casing to 733 meters.
11:00	13:00	2.00	S-CSG	CSGRP	PP		Changed out casing handling equipment to 20".
13:00	15:00	2.00	S-CSG	CSGRP	PP		M/U cross over to 13 3/8" casing and run 20" casing to 861 meters.
15:00	17:00	2.00	S-CSG	CSGRP	PP		Picked up and made up well head to 20" casing, landed out 20" casing on CTU, layed out well head running tool.
17:00	17:30	0.50	S-CSG	CSGRP	PP		Install wear bushing into well head.
17:30	20:00	2.50	S-CSG	CSGRP	PP		Run inner string, observe sting in with 100 psi increase with 10k down no returns in casing annulus once inner string stabbed in.
20:00	20:30	0.50	S-CSG	CSGRP	PP		Rigged up cement lines. Held JSA, pumped 80 bbls sea water.
20:30	22:30	2.00	S-CSG	CSGRP	PP		Pumped 5 bbls sea water with dye, test lines 1000 psi 10 mins, pumped 15 bbls sea water with dye, mix and pumped a total of 468 bbls lead cement "G" at 12.5 ppg, (Observed dye returns at sea bed with ROV after 442 bbls) Mixed and pumped 37 bbls "G" cement tail at 15.8 ppg, and displaced with 64 bbls sea water, checked float equipment (Holding) Final displacement pressure 500 psi (calculated pressure differential 530psi).
22:30	23:30	1.00	S-CSG	CSGRP	PP		Unstung from float collar, circulated bottoms up with sea water.
23:30	0:00	0.50	S-CSG	CSGRP	PP		POOH with inner string.

24.00 = Total Hours Today

## **06:00 UPDATE**

0000-0600 00:00 - 01:03 - POOH with inner string.

01:30 - 02:30 - Retreived wear bushing from well head.

02:30 - 06:00 - Nipple up Bop's

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BIT / RUN	SIZE (mm)	MANUFACTURER	TYPE	SERIAL NO	JETS OR TFA	DEPTH IN / DATE IN	I-O-D-L-B-G-O-R
2 / 1	406.0	HUGHES CHRISTENSEN	GXC1V	6065175	1x22, 3x20	184.00 / 08-04-2008	1-1-WT-A-0-I-NO-TD

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**APACHE CORPORATION** Page 2 of 3 **Daily Drilling Report WELL NAME** DATE SPEKE SOUTH-1 10-04-2008 API# 24 HRS PROG TMD TVD REPT NO 902.00 (m) 901.99 (m) 0.00 (m) 5 MUD PROPERTIES LCM: MUD TYPE: % SAND/MBT LGS VIS P\//YP **GELS** WI /HTHP FC/T.SOL OIL/WAT pH/Pm Pf/Mf CI Ca H2S KCL (s/l) (cp)/(Pa) (Pa) (ml/30 min ) (mm)/(%) (%) (% )/(sg ) (mL) (mL) (ppm) (ppm) (%) (ppm) (%) DAILY COST CUM COST %OIL 25104G JAR HRS BHA 2 JAR S/N **BHA / HOLE CONDITIONS** BIT 2 TORQUE/UNITS **BHA WT BELOW JARS** STRING WT UP STRING WT DN STRING WT ROT **BHA LENGTH** (tonne) (kN-m) 257.11 (m) (tonne) (tonne) (tonne) ITEM DESCRIPTION NO JTS LENGTH O.D I.D CONN SIZE CONN TYPE Cross Over 0 1.22 241.30 76.20 Cross Over 0 1.22 215.90 69.85 Heavy Weight Drill Pipe 84.60 82 55 0 139.70 0 177.80 Cross Over 1.22 73.15 0 9.87 69.85 Drilling Jar 165.10 Heavy Weight Drill Pipe 0 139.70 82.55 56.44 Cross Over 0 0.60 209.55 73.15 Drill Collar 0 56.69 209.55 69.85 Cross Over 0 0.48 209.55 73.15 MWD Tool 0 8.50 209.55 73.15 Cross Over 0 0.48 209.55 73.15 0 0.69 209.55 82.55 Cross Over Integral Blade Stabilizer 0 2.71 241.30 76.20 0 241.30 76.20 Drill Collar 9.44 Integral Blade Stabilizer 0 2.73 406.40 76.20 Drill Collar 0 18.59 241.30 76.20 Bit Sub 0 1.22 215.90 Tri-Cone Bit 0 0.41 406.40 PERSONNEL DATA COMPANY COMPANY QTY HRS QTY HRS DRIL-QUIP 2 SEA DRILL SERVICES 38 BAKER HUGHS TAMBORITHA 4 SCHLUMBERGER MWD/LWD 4 WEATHERFORD APACHE 3 6 TOTAL MARINE CATERING SEA DRILL 13 HALIBURTON HALIBURTON (BROID) 2 **TOTAL PERSONNEL ON BOARD: 90** SUPPORT CRAFT TYPE REMARKS CAMBELL COVE PACIFIC BATLER PACIFIC VALKYRIE ADY ROULA HELICOPTER

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MUD INVENTORY								
ITEM		UNIT	USAGE		Day Cost (\$)	ON HAND		

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