

DAILY DRILLING REPORT

DATE 85-02-03

WELL PCI FTAL TWEEDIE		WELL NUMBER 17-47		CONTRACTOR ATCO/EAUTAK #76		DAYS SINCE SPUD 235	
MIDNIGHT DEPTH 79.5	PROGRESS 32	DAILY COST 59148	TOTAL EST COST 3850682	PRESENT STATUS DRILLING 216mm HOLE			
TIME BREAKDOWN 4	HRS.	BIT #	SIZE	TYPE	SERIAL #	NOZZLES	IN
DRILL	5.5	11D	216	T22	86856	10.3X3	763 RUN
TRIP	4						
REAM / CLEAN		DRILLING ASSEMBLY		PERSONNEL		MUD DATA	
CONDITIONING	.5	ITEM	LENGTH	NO.	HOURS	DEPTH	
RIG SERVICE	.75	BIT (216)	.20	OPERATOR	9	108	790
MECHANICAL DOWNTIME		S. SUB (171)	3.95	CONTRACTOR	19	228	1055
SURVEY	.25	2-MANUELS (171)	17.72	SERVICEN	30	360	34
CSA CMT. WOC		4-D.C. (171)	32.74	DEVIATION DEPTH		SURVEY	4/4
HEADUP / PR TEST		JARS	4.36	750		20	2/4
CORING		15-D.C. (171)	141.59				50+
LOGGING	4.25	X/6	.77				15
DST		61 D.P.	584.45				TR
D.C.		KELLY	5.00				.51
INSPECTION	8.25		795.78	KICK CONTROL			150
		BILOYED D.C. FORCE	26383	BOF DRILL			4200
		STRING FORCE	60000	ASPH			11
		UP RATING		FORMATION INTEGRITY	30.9 KPA/m		24
		MARGIN		MAXIMUM RIGP	21000		80
TOTAL							
PUMP #1	TYPE D500	SIZE 152	X 406	SPM 40	L/M 976	PRESS. 5000	AV 38
PUMP #2	TYPE	SIZE	X	APM			
DESANDER	OF	kg/m ³	UF	kg/m ³	LITRES/MIN	HOURS	
DESILTER	OF	kg/m ³	UF	kg/m ³	LITRES/MIN	HOURS	
REMARKS							

RAN GYRO SURVEY - GYRO INDICATES N.W 77.9 @ 2°
 C 750m -
 R.I.H. w/ BOTTOM HOLE ASSEMBLY - INSERTED SAME -
 OF ALL OF R.H.A. DAMAGES WERE SEAL OF 2-9" D.C. -
 SEAL ON 1 BIT SUB - X/6 SEAL - 2-6 3/4" SEAL - 1-6 1/4" D.C.
 STRETCHED THREADS -
 R.I.H. w/ 216mm BIT - DISPLACED HOLE TO MOD -
 DRILLED 216mm HOLE FROM 763m TO 795m
 CHLORIDES CLIMBING @ 783m - SATURATING MUD
 SYSTEM w/ NACK -
 SHOCK SUB = 5.5 HRS - JARS = 33.5 HRS
 ON:00 = -40°C - Calm -
 828m @ 5 MIN./m -

YUGON HOPE / ART FLAWS

RECEIVED/RE
DATE / DA

FEB 5 8 03 AM '85

MUD & CHEMICALS ADDED
 GEL = 32
 CAUSTIC = 1
 BI-CARB = 2

DAILY COST 684 CUM COST 12223

DAILY DRILLING REPORT

WELL PCT ETAL TWEED LK.		WELL NUMBER 17-47		CONTRACTOR ATCO/EAUTAK #76		DATE 85-04-02	
MIDNIGHT DEPTH 763		PROGRESS 3		DAILY COST 88 209		TOTAL EST. COST 3 791 534	
PRESENT STATUS RUNNING BOND LOG							
TIME BREAKDOWN	HRB.	BIT #	SIZE	TYPE	SERIAL #	NOZZLES	IN
DRILL	.75	10D 216	J3	97737	9.5 X 3	204	763
TRIP	1.25						
REAM / CLEAN		DRILLING ASSEMBLY		PERSONNEL	NO.	HOURS	MUD DATA
CONDITIONING	.75	BIT - (216)		OPERATOR	8	96	DEPTH
HIG SERVICE	.75	BIT SUB		CONTRACTOR	18	216	DENSITY
MECHANICAL DOWNTIME		6-D.C. (171)		SERVICES	37	408	VIS.
SURVEY		JARS		DEVIATION DEPTH			PUMP
CSG - CNT WOC		9-D.C. (171)		SURVEY			GELS
HEADUP / PR TEST	.5	X10					WI/F.C.
CORING		63-D.P. (114)					PH
LOGGING	2.5	KELLY					% SAND
DST							% SOLIDS
DRILL OUT				KICK CONTROL			CA PPM
CEMENT	16.5	BILOYED D.C. FORCE		BOP DRILL			CI
P.I.T.	1	STRING FORCE		RSPP			% OIL
		DP HATING		FORMATION INTEGRITY			MOLE VOL
		MARGIN		MAXIMUM SICP			TANK VOL
TOTAL							MUD & CHEMICALS ADDED
PUMP #1	TYPE D-500	SIZE 152 x 406	SPM 40	L/M 976	PMES 5500	AV 40	H2O
PUMP #2	TYPE	SIZE	SPM				
DEBANDER	OF	kg/m ³	UP	kg/m ³	LITRES/MIN.	HOURS	
DESILTER	OF	kg/m ³	UP	kg/m ³	LITRES/MIN.	HOURS	
REMARKS							

DRILLED OUT CEMENT FROM 334m TO 763m - DRILLED 216mm HOLE TO 763m - PRESSURE TESTED HYDRAULIC @ 706m TO 1400 KPA (LO) & 10,500 KPA (HI) FOR 10 MINUTES EACH - HEAD O.K. - CONDUCTED LEAK OFF TEST @ 763m - PUMPED TO 20,000 KPA SURFACE PRESSURE (NO LEAK OFF) - TOTAL PRESSURE @ 340K = 28,158 KPA - (PRESS. GRAD. = 36.9 KPA/m) - EMD = 3761 KG/m³ - HOIST TO LOG (CEMENT BOND) - LOG INDICATES CEMENT TO 370m - GOOD BONDING TO 414m - LOGGING TOOL UNABLE TO READ BONDING OF CEMENT TO 45m ABOVE D.V. TOOL

YUSAN HOPE / ART FLAWS

DAILY DRILLING REPORT

DATE 85-01-01

WELL PCT FTAL TWEED LK.		WELL NUMBER M-47		CONTRACTOR ATCO / EQUITAK #76		DAYS SINCE 8.1.5							
MIDNIGHT DEPTH 760	PROGRESS 0	DAILY COST 93 790	TOTAL EST. COST 3 703.825	PRESENT STATUS DRILLING OUT CEMENT									
TIME BREAKDOWN	HRS.	BIT #	SIZE	TYPE	SERIAL #	NOZZLES	IN	BIT DATA	WOB	RPM	METRES	HOURS	CONDITION
DRILL		102	216	J3	97737	9.5X3	204	RUN	2-8000	140	130	8.25	D.O.C.
TRIP	2.25												
REAM / CLEAN		DRILLING ASSEMBLY		PERSONNEL		NO.		HOURS		MUD DATA			
CONDITIONING	1.5	BIT (216)		.20		OPERATOR		8 96		DEPTH			
RIG SERVICE	.5	BIT SUB (171)		.74		CONTRACTOR		18 316		DENSITY			
MECHANICAL DOWNTIME		6-D.C. (171)		50.35		SERVICES		31 372		VIS.			
SURVEY		JARS		4.36		DEVIATION		SURVEY		PVMP			
CSG - CMT - WOC		9-D.C. (171)		85.05		DEPTH				GELS		H20	
HEADUP / PR TEST	9.75	X10		.77						W/JFC			
CORING		19-D.P. (114)		172.37						PH			
LOGGING		KELLY		IN 11						% SAND			

TOTAL		24	STRING FORCE	42000	DP RATING	147000	MARGIN	273000	RSPP	FORMATION	INTEGRITY	MAXIMUM	SICP	% OIL	HOLE VOL.	TANK VOL.	MUD & CHEMICALS ADDED
PUMP #1	TYPE	SIZE	SPM									H20					
PUMP #2	TYPE	152	SIZE	152 x 406	SPM	40	PRESS.	5000	AV	40							
DEBANDER	OF	kg/m ³	UF	kg/m ³	LITRES/MIN	HOURS											
DEBITER	OF	kg/m ³	UF	kg/m ³	LITRES/MIN	HOURS											
REMARKS										DAILY COST	CUM COST 11539						

PRESSURE TESTED BLIND RAMS - ALL B.O.P. VALUES
ALL B.O.P. MANIFOLD VALVES & HCR VALVE TO 1400
KPA (LO) & 21000 KPA (HI) FOR 10 MINUTES EACH - NO
FLANGES OR VALVES LEAKING - DELAYED IN GETTING A
GOOD TEST DUE TO LEAKS IN BOTH PUMPS OF DOWELLS
1 PUMP HAD A LEAKY PACKING & THE OTHER HAD A
WASHED OUT VALVE - MOTOR SHUT OFFS O.K. - REMOTE
CONTROLS O.K. - ACCUMULATOR RECHARGE TIME = 7 SEC -
R.I.H. W/216mm BIT - TAGGED D.V. CLOSING PLUG @ 44.4m
PRESSURE TESTED PIPE RAMS TO 1400KPA (LO) & 21000 KPA
(HI) FOR 10 MINUTES EACH - HELD O.K. - DRILLED OUT
D.V. TOOK PLUG IN 1 1/4 HRS - DRILLED OUT CEMENT FROM
204m TO 334m W/216mm BIT

YUGON HOPE / ART FRAUS