

DAILY DRILLING REPORT

WELL		WELL NUMBER		CONTRACTOR		DATE	
R-2 AT A. TWEEO L.K.		M-47		ATCO - EQUITAX #76		85-01-19	
MIDPOINT DEPTH		PROCESSES		DAILY COST		TOTAL EST. COST	
145		66		50,888		2,531,199	
TIME BREAKDOWN		HRS.		SIZE		PRESENT STATUS	
DRILL		20.00		46		R.I.H. w/ OVER SHOT To RECOVER FISH	
TRIP		311		50.7		96022	
WOB		10-12		64		145	
RPM		81		25		8-3-I	
CONDITION							
HEAVY CARRY		DRILLING ASSEMBLY		PERSONNEL		MUD DATA	
CONDITIONING		1 x 311mm Bit		30		DEPTH 142	
MUD SERVICE		50 1-BIT SUB		6.17		DENSITY 11.20	
MECHANICAL DOWNTIME		3 x 222mm DC		27.59		VIS 33	
SURVEY		.75 1 1/4 OVER		.65		RWFP	
CAS CMT WOC		1 JAG		4.19		MUD	
HEADLINE IN (EST)		11 x 171mm DC		104.17		WITC 16.4	
CORING		1 1/4 OVER		.77		WT 8.5	
LOGGING		K.D		6.16		% SAND .005	
DST		T.D		14.5m		% SOLIDS .002	
FISHING 2.75						CE RPM 78	
						CL 500	
						% OIL	
						HOLE VOL 8.4	
						TANK VOL 75	
						MUD & CHEMICALS ADDED	
						66L 66L	
						CONCRETE 37A	
						4.9m 50	
						SANDS 1.3K	
						4.4m 1.5A	
						3.4m 2.0A	
						DAILY COST 2009	
						OIL COST 3172	

REMARKS

DRILL x SNAKE AHEAD "DOLPHIN & CREAT"

P.O.D.H. - PICKED OFF BIT 7.000 PM START ON SPRING WIT

TWISTED OFF @ JAG'S "RECOVER 3.01m. of JAG"

LEFT IN HOLE 1.18m JAG .65 1/4 OVER 3 x 222mm DC 27.59

BIT SUB 6.17m + B.T

MAKE UP 8 5/8" OVERSHOT w/ 6 3/4" CANNON x R.I.H

w/ SAME

NOTE FUEL TANK UP SET ON ROVER TO LOCATION

w/ LOAN OF RIG FUEL RAY ADAM'S + RAVE

OLAHAM ON WAY TO INVESTIGATE

"DAVE'S WAS NOT IN SURE"

NO ACCIDENT

WEATHER -36°C SLIGHT OVERCAST w/ 30 kph WIND

M. LEMAY Michael P. P. P.

DAILY DRILLING REPORT

DATE 85-01-18
DAYS SINCE SPUD 17.5

WELL	WELL NUMBER		CONTRACTOR	
PGT - FT. AL TUBER LK	M-47		ATCO - EUSTAK #76	
MIDNIGHT DEPTH	PROGRESS	DAILY COST	TOTAL EST. COST	PRESENT STATUS
79	15	55,872	2,480,311	DRILLING AHEAD 311m HALL
TIME BREAKDOWN	HR	BIT	SIZE	TYPE
DRILL	5.00	1/2	311	JO-7
TRIP	2.25			
BEAM CLEAN	DRILLING ASSEMBLY		LENGTH	PERSONNEL
CONDITIONING	ITEM			NO.
NO SERVICE	11311 - B.T		30	9
MECHANICAL DOMINANCE	25 B.T SUB		1.17	17
SUTLER	31222mm O.C		27.59	28
COO CNT WOD	1 1/2" JAR		4.19	
HEADUP PH TEST	18.50 4 1/2" JAR		37.65	
SPRING	1 1/2" JAR		1.27	
LOGGING	K.D		6.68	
OST	T.D		2.9m	
TOTAL	24			
PUMP	D-500		SIZE 152 x 406	SPM 50
PUMP	D-500		SIZE 152 x 406	SPM 50
DESANDER	1000		UP 1060	LITRES/MIN 4
DESANDER	1010		UP 1100	LITRES/MIN 2
REMARKS				

CLEAN OUT MOUNTAIN HOLE "SLOUGHING SAND - GRAVEL"
HAD TO SPOT GEL PILL

PICK UP B.H.A & TAG CEMENT @ 49.50m
DRILL OUT & TAG TOP PUMP @ 57m
TRIP FOR PUMPAGE JET'S
R.I.H & FINISH DRILLING @ 64m
DRILL AHEAD

NO ACCIDENTS

WEATHER - 40°C CLEAR WIND 45-50 KM/HR

M. LEMAY

Michael P. Proulx

DAILY DRILLING REPORT

DATE 85-01-17

DAYS SINCE SPUD 6.5

CONTRACTOR

ATCO Equitar "26"

WELL NUMBER M-47

WELL

Pol. Et. Al. Taper L.K.

MIDNIGHT DEPTH 64

PROGRESS 0

DAILY COST 90.082

TOTAL EST. COST 2,424,139

PRESENT STATUS

Redrilling Mouse Hole

TIME BREAKDOWN HRS. BIT # SIZE TYPE SERIAL # NOZZLES IN BIT DATA OUT WGR RPM METRE HOURS CONDITION

DRILL 46 311 JO-7 96022 3118 64

YARD DRILLING ASSEMBLY LENGTH PERSONNEL NO. HOURS MUD DATA

BEAN CLEAN OPERATOR 9 108 DEPTH

CONDITIONING CONTRACTOR 17 204 DENSITY

RIG SERVICE SER/ CES 30 360 VIB

MECHANICAL TIMEWASTE DEVIATION DEPTH SURVEY

SURVEY

OSG DMT WDC 6.50

HEADUP 17.50

CORING

LOGGING

DET

RISK CONTROL

ROF DRILL

NSPP FORMATION INTEGRITY MAXIMUM SICP

STAND FORCES

DR HATING

MARGIN

TOTAL 24

PUMP 1 IN/VE 0-500 152 406 3PM

PUMP 2 L/VE 0-500 152 406 3PM

DEBANDER 1 1500 10 1500 10 LITRES/MIN HOURS

DEBANDER 2 1500 10 1500 10 LITRES/MIN HOURS

REMARKS

W.O.P. TIME 06:30

CUT 340mm C.G.C. WHEEL ON BOWL & PRESSURE

TEST BOWL TO 5,000 KPa O.K.

NIPPLE UP DIVERTER & 311mm GRANT ROTATING HEAD

RIG UP BUDY LINE & AIR DAILY EQUIPMENT

MOUSE HOLE HAD TO BE REDRILLED "SAND & GRAVEL"

PRESSURE TEST HYDRAULIC TO 4,000 KPa FOR

10 MIN. HELD O.K.

WEATHER -38°C SLIGHTLY OVERCAST 20km/hr WIND

NO ACCIDENTS

COGIL/ATC

JAN 21 7 56 AM '85

RECEIVED/RECU DATE / DATE

Revised/Short

DAILY COST 894

DAILY DRILLING REPORT

DATE 85-01-16
 DAYS SINCE SPUD 15.5

WELL	WELL NUMBER	CONTRACTOR
<u>P.C. 3-ER AL-TWEEG LK</u>	<u>17-47</u>	<u>ARCO-ENTAK #76</u>
MIDNIGHT DEPTH	PROGRESS	DAILY COST
<u>64</u>	<u>17</u>	<u>1132,942</u>
TIME BREAKDOWN	TOTAL EST. COST	PRIOR STATUS
<u>17</u>	<u>2334357</u>	<u>W.D.C. F.A. 340mm CONCRETE CSG</u>
DRILL	BIT & SIZE	TYPE
<u>4.75</u>	<u>3m</u>	<u>445 DWMT</u>
TRIP	NOZZLE	IN
<u>64</u>	<u>3-5</u>	<u>47</u>

DRILLING ASSEMBLY	PERSONNEL	NO.	HOURS	MUD DATA
ITEM				
1 BIT SUB	OPERATOR	9	108	DEPTH
1 BIT SUB	CONTRACTOR	17	204	DENSITY
3x222mm B.C.	SERVICES	29	348	VIS.
1x10KPA	DEVIATION			PUMP
1 TAN'S	DEPTH			DELS
1x10KPA				WIT/G
2x171mm B.C.				2H
K.D.				% SAND
T.D.				% SOLIDS
	KICK CONTROL			CA PPM
	BOH DRILL			CL
	RPM			% OIL
	FORMATION INTEGRITY			HOLE VOL
	MAXIMUM SICP			YANK VOL
				MUD & CHEMICALS ADDED

TYPE	SIZE	WPM	AV
<u>D-500</u>	<u>152</u>	<u>406</u>	<u>60</u>
TYPE	SIZE	WPM	AV
<u>D-500</u>	<u>152</u>	<u>406</u>	<u>60</u>

REMARKS
Drill a Survey Area To 64m
Clear Hole Clear Run In Tail No Tight Hole No Bit
P.O.D.H. Lat. Down 171mm R.C.
Run Up & Run 5 JTs 63.97m F 340mm 101 Kph H.S.S
ATCL 1.57m SHAR CSG lowered @ 64m Cont 3m Power Survey To 4
Power Cemented w/ .5m³ H₂O Pressure F/W 18 Tonne
AGGREG SET 12.5m SURF @ 1870 Kph/m³ SURF TEMPT 7°C
Displace w/ 4.5m³ H₂O To 59m Float Held OK
2m³ CEMENT To Surface Plug Down @ 14:18 H.A's
W.D.C. @ 24:00 H.A's
Cement Not Setting Up Very Fast
WEATHER - 40°C WITH 28 KNOT WIND CLEAR
No Accidents

16:21

COG 1/ATGTC

JAN 17 8 22 AM '85

RECEIVED/RECU
DATE / DATE

RECEIVED / RECD

JAN 16 8 53 AM '85

COG 1/A 100

DAILY DRILLING REPORT

DATE 85-01-13
DAYS SINCE RIG 25

WELL PCI FISH TWEED/K	WELL NUMBER M-47	CONTRACTOR ATCO / EQUATE #76	DATE 85-01-13
MIDPOINT DEPTH 24	PROCESSES 0	DAILY COST 540.44	TOTAL EST. COST 3144.32
TIME BREAKDOWN	HRS.	PRESENT STATUS W.O.C.	
DRILL	BIT #	SIZE	T-PC
TRIP	NOZZLES	IN	BY DATA
TEAM CLEAN	WOB	RAM	WETRES
CONDITIONING	NO.	HOURS	MUD DATA
WIG SERVICE	OPERATION	8	96
MECHANICAL	CONTRACTOR	17	204
SURVEY	SERVICES	24	258
CSO - OIL WOB	DEVIATION	2.4m	SURVEY 10
HEADST. PR. TEST	DEPTH		
CURNO			
LOOKING			
DST			
TOTAL	24		
PUMP	TYPE	SIZE	SPM
PUMP	TYPE	SIZE	SPM
DEBANDER	OF	UP	LITRES/MIN
DEBILTA	OF	UP	LITRES/MIN
REMARKS			

COGI / ATGTC

JAN 15 7 48 AM '85

RECEIVED/RECU
DATE / DATE

NO MUD

REAMED 311mm HOLE TO 609mm FROM 6m KB (G.L.) TO 23.4m - CIRCULATE & REAM - RAN 2 JOINTS - 508mm - 140KPa/m - K55-BT&C CONDUCTOR PIPE - LANDED @ 23m KB. - CEMENTED WITH 10.8 TONNES ARCTIC SET CEMENT - DISPLACED TO 18m KB. WITH 3.3m³ H₂O - PLUG DOWN 85-01-13-18:27 - 3m³ GOOD CEMENT RETURNS TO SURFACE -

HAD PROBLEM RE THREADING 20" CIRCULATING SWAGE, AFTER DROPPING DISPLACEMENT PLUG (TOTAL OF 55 MINUTES DOWN TIME WHILE DROPPING THE PLUG)

SURVEY MAY NOT BE ACCURATE DUE TO OVER REAMING WITH HOLE OPENER
12.34 HRS TO OPEN HOLE.

YUGON HOPE

02:30 = W.O.C. - TEMP -32°C

DAILY DRILLING REPORT

DATE 85-01-12

WELL NUMBER

CONTRACTOR

DAYS SINCE 1.5

PILOT TUBED HOLE		M-47		FICO/EQUITA 76		DAYS SINCE 1.5	
DRILL DEPTH	PROGRESS	DAILY COST	TOTAL EST. COST	PRESENT STATUS			
24	9	26851	260405	REARME 311mm HOLE TO 609mm			
TIME BREAKDOWN	HRS	BIT #	SIZE	TYPE	SERIAL #	NOZELS	IN
DRILL	4.5						
TRIP	1.2						
WEAR / CLEAN	18	DRILLING ASSEMBLY		PERSONNEL		NO.	HOURS
CONDITIONING		ITEM		OPERATOR		3	96
RIG SERVICE				CONTRACTOR		17	204
MECHANICAL				SURVIVOR		24	988
QUALITY				DEVIATION			
CORING				DEPTH			
LOGGING				SURVEY			
30"				KICK CONTROL			
				BOR DRILL			
				FORM			
				FORMATION			
				INTEGRITY			
				MAXIMUM			
				SICP			
TOTAL	24	GASOLIN					
PUMP		TYPE	SIZE	TYPE	SIZE	TYPE	SIZE
PUMP		TYPE	SIZE	TYPE	SIZE	TYPE	SIZE
DISCHARGE		OF	UP	OF	UP	OF	UP
DISCHARGE		OF	UP	OF	UP	OF	UP
REMARKS							

DRILLED & REAMED MOUSE HOLE FOR 9 HRS
 DRILLED & REAMED RAT HOLE FOR 9 HRS - DRILLED
 311mm PILOT HOLE FROM 15m TO 24m IN 4 1/2 HRS -
 (HARD ROCK DRILLING) - LAY DOWN 9" D.C. & PICK
 UP 609mm HOLE OPENER & PREPARE TO REAM 311mm
 HOLE TO 609mm

GROUND ELEVATION = 429.1m - K.B. ELEVATION =
 435.22m

YUCON HOLE

COG1/ATGTC

JAN 14 8 24 AM '85

RECEIVED / DATE

DAILY DRILLING REPORT

DATE 8-5-01-11

WELL NUMBER

M-47

CONTRACTOR

ATCO/EQUITA #76

DATE

SINCE

SPUD

1-5

WELL IDENTIFICATION

15

15

47882

233457

PRESENT STATUS

DRILLING MOUSE HOLE

TIME BREAKDOWN

DRILL

TRIP

WASH - CLEAN

CONDITIONING

W/S SERVICE

MECHANICAL DOWNTIME

SURVEY

CSE OUT - WQS

HEAD P / PA TEST

CORING

LOGGING

CST

TOTAL

PUMP

PUMP

DEGRADER

DEGRADER

REMARKS

K.B. & GROUND ELEVATIONS TO FOLLOW ON

NEXT REPORT

SPUDDER IN W/31mm BIT @ 85-01-11-13:00

DRILLED TO 15m K.B. - TORQUED UP KELLY

SPINNER

DRILL MOUSE HOLE - HARD DRILLING -

(ROCKS)

YUCON HOLE