

MAY DRILLING REPORT

FOR 24 HR. PERIOD ENDING

1985-04-02

Year · Month · Day · Time

WELL NAME Exco et al Cameron Hills I-10

LOCATION _____

DAY 42 DEPTH Suspended METRES LAST 24 HRS. _____

0

ROTATING HRS. 0ACTIVITY AT REPORT TIME RIG RELEASED

DRILLING MUD PROPERTIES AT SHAKER/SUCTION/PIT:

WT. _____ VIS _____ WL. _____ GELS _____ % SOLIDS _____ PV _____ YP _____ pH _____

% OIL _____ % SAND _____ CAKE _____ PPMCL _____ PPMCA _____

BIT RECORD

BIT NO.	SIZE mm	MAKE & TYPE	SER. NO.	BIT		DEPTH OUT m	m DRLD TODAY	CUM. m DRLD	Rot. hrs. TODAY	CUM. Rot. hrs.	m/HR	DULL CON		
				WT.	RPM							T	B	C

CIRCULATION RECORD

BIT NO.	JETS - mm			PUMP				ANN. VEL.		JET VEL	H.H.P.	SURF PRESS kPa
	1	2	3	STROKE	SPM	LINER	m ³ /min	DP	DC			

DEVIATION SURVEYS

* at _____ * at _____

* at _____ * at _____

* at _____ * at _____

* at _____ * at _____

MUD & CHEMICALS ADDED

BOTTOM ASSEMBLY

TOOL	ID mm	O.D. mm	LENGTH m	WEIGHT daN

TIME ANALYSIS

OPERATION	TODAY	CUM
1. DRILLING		
2. TRIPS		
3. RIG SERVICE		
4. DEVIATION SURVEY		
5. REAM & COND. HOLE		
6. MIX & COND. MUD		
7. CIRCULATING		
8. RIG REPAIR		
9. RUN CASING & CEMENT		
10. FISHING		
11. LOGGING		
12. CORING		
13. FORMATION TESTING		
14. WAITING ON:		
15. NIPPLE UP & TEST BOP		
16. DRILLING OUT		
17. LOSS CIRC.		
18. LAY DOWN DP & BOPS		
19. PLUG & ABANDON	20.00	
20. RIG UP TEAR OUT	4.00	
21.		
TOTALS	24.00	

COSTS

DAILY N/A

CUM. N/A

SUPERVISOR J. Maloney

OPERATIONS DETAILS: PERIOD ENDING

1985-04-02

Year - Month - Day - Time

0000 - 0400 Waiting on cement
0400 - 0500 Tag top of Plug #2 at 810m
0500 - 0530 Run Plug #3 from 417m - 357m
0530 - 1200 Waiting on cement
1200 - 1245 Run in hole, tag top of cement Plug #3
1245 - 1430 Pull out of hole and lay down drill pipe
1430 - 1530 Lay down BOP's
1530 - 1600 Run Plug #4 from 25m to surface
1600 - 2000 Clean mud tanks, weld plate on top of bowl.
RIG RELEASED - 85-04-02 at 2000 hours

Plug #3: 417m - 357m - run 4.0 T "G" + 2% CaCl_2
50% across, 1895 kg/m^3 Total slurry
volume 3.04 m^3 Plug down 0530 hours -
felt at 325m.

Plug #4: 25m - Surface - 2.0 T oilwell "G" +
2% CaCl_2 - 1895 kg/m^3 - Total slurry
volume 1.52 m^3 Plug down at 1600 hours.

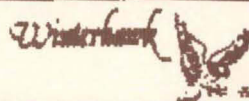
WANT LIST:

WEATHER

-2°C

ROAD

IN DETAIL: MOVEMENT OF PURCHASE & RENTAL ITEMS (WHERE, WHEN, HOW)

**DAILY DRILLING REPORT**

FOR 24 HR. PERIOD ENDING

1985-04-01 2400

Year · Month · Day · Time

WELL NAME Exco et al Cameron Hills I-10 LOCATION _____DAY 42 DEPTH Plug Back METRES LAST 24 HRS. 0 ROTATING HRS. 0ACTIVITY AT REPORT TIME Run cement plug 800m. W.O.C.

DRILLING MUD PROPERTIES AT SHAKER/SUCTION/PT:

WT. 1175 VIS. 85 WL. 7.4 GELS 4/7 % SOLIDS .06 PV 42 YP 16 pH 10.0% OIL .02 % SAND 0 CAKE 1.5 PPMCL 1000 PPMCa 0

BIT RECORD

BIT NO.	SIZE mm	MAKE & TYPE	SER. NO.	BIT		DEPTH OUT m	m DRLD TODAY	CUM. m DRLD	Rot. hrs. TODAY	CUM. Rot. hrs.	m/HR	DULL COR	
				WT.	RPM							T	B

CIRCULATION RECORD

BIT NO.	JETS - mm			PUMP				ANN. VEL.		JET VEL	H.H.P.	SURF PRE kPa
	1	2	3	STROKE	SPM	LINER	m ³ /min	DP	DC			

DEVIATION SURVEYS

_____ ° at _____ ° at
_____ ° at _____ ° at
_____ ° at _____ ° at
_____ ° at _____ ° at

MUD & CHEMICALS ADDED

BOTTOM ASSEMBLY

TOOL	ID mm	O.D. mm	LENGTH m	WEIGHT daN
Open-ended Drill Pipe				

COSTS

DAILY N/A
CUM. N/A

SUPERVISOR: J. Maloney

TIME ANALYSIS

OPERATION	TODAY	CUM
1. DRILLING		
2. TRIPS		
3. RIG SERVICE		
4. DEVIATION SURVEY		
5. BEAM & COND. HOLE		
6. MIX & COND. MUD		
7. CIRCULATING		
8. RIG REPAIR		
9. RUN CASING & CEMENT	12.00	
10. FISHING		
11. LOGGING		
12. CORING		
13. FORMATION TESTING		
14. WAITING ON:		
15. NIPPLE UP & TEST BOP		
16. DRILLING OUT		
17. LOSS CIRC.		
18. LAY DOWN DP & BOPS		
19. PLUG & ABANDON	12.00	
20. RIG UP - TEAR OUT		
21.		
TOTALS	24.00	

OPERATIONS DETAILS: PERIOD ENDING

1985-04-01 2400

Year - Month - Day - Time

0000 - 0430 Work stuck pipe
0430 - 0500 Pump and displace diesel
0500 - 0800 Spot diesel
0800 - 1000 Hoist wash over
1000 - 1130 Lay down wash over
1130 - 1200 Lay down drill collar
1200 - 1215 Rig Service and check BOP's
1215 - 1300 Lay down drill collars
1300 - 1700 Run in drill pipe open-ended
1700 - 1800 Circulate
1800 - 1830 Rig cementers
1830 - 2000 Run cement Plug #1 - 1381m to 1341m
2000 - 2100 Pull out to 950m
2100 - 2130 Run Plug #2 from 950m to 800m
2130 - 2400 W.O.C. Pull out and lay down 60 singles

Plug #1 from 1381m to 1340m

Ran 1.9 tonne Class "G" oilwell cement,

.76 slurry volume per cu/m, 1.44 cu/m

slurry volume 1895 kg/m³, 1% HR4, .35% CFR2

Plug down at 2000 hours.

Plug #2 from 950m to 800m

Ran 10.5 tonne Class "G" oilwell cement,

50% excess. 7.98 cu/m slurry volume

.1% HR4 .35% CFR2, 1895 kg/m³ + 2% CaCl₂.

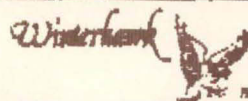
Plug in place 85-04-01, 2130 hours. Felt at 810m positively.

WEATHER

-2°C

ROAD Fair, getting soft

IN DETAIL: MOVEMENT OF PURCHASE & RENTAL ITEMS (WHERE, WHEN, HOW)



DAILY DRILLING REPORT

FOR 24 HR. PERIOD ENDING

1985-03-31 2400

Year · Month · Day · Time

WELL NAME Exco et al Cameron Hills I-10 LOCATION _____DAY 41 DEPTH 1613m METRES LAST 24 HRS. 0 ROTATING HRS. 0ACTIVITY AT REPORT TIME Stuck with wash pipe at 829m

DRILLING MUD PROPERTIES AT SHAKER/SUCTION/PIT:

WT. 1175 VIS 85 WL. 7.4 GELS 4/7 % SOLIDS .06 PV 42 YP 16.5 pH 10.0% OIL .02 % SAND 0 CAKE 1.5 PPMCL 1000 PPMCa 0

BIT RECORD

BIT NO.	SIZE mm	MAKE & TYPE	SER. NO.	BIT		DEPTH OUT m	m DRLD TODAY	CUM. m DRLD	Rot. hrs. TODAY	CUM. Rot. hrs.	m/HR	DULL CO.	
				WT.	RPM							T	B

CIRCULATION RECORD

BIT NO.	JETS - mm			PUMP				ANN. VEL.		JET VEL	H.H.P.	SURF PRE kPa
	1	2	3	STROKE	SPM	LINER	m ³ /min	DP	DC			

DEVIATION SURVEYS

° at _____ ° at _____
 ° at _____ ° at _____
 ° at _____ ° at _____
 ° at _____ ° at _____

MUD & CHEMICALS ADDED

Barite 43 sx _____
 Caustic 1 sx _____
 Gel 47 sx _____

BOTTOM ASSEMBLY

TOOL	ID mm	O.D. mm	LENGTH m	WEIGHT daN
Shoe & 1 jt of Wash Pipe				
Drive Bushing				
Jars				
Drill Pipe to Surface				

COSTS

DAILY	N/A
CUM.	N/A

SUPERVISOR. J. Maloney

TIME ANALYSIS

OPERATION	TODAY	CUM
1. DRILLING		
2. TRIPS		
3. RIG SERVICE		
4. DEVIATION SURVEY		
5. REAM & COND. HOLE		
6. MIX & COND. MUD		
7. CIRCULATING		
8. RIG REPAIR		
9. RUN CASING & CEMENT		
10. FISHING	24.00	
11. LOGGING		
12. CORING		
13. FORMATION TESTING		
14. WAITING ON:		
15. NIPPLE UP & TEST BOP		
16. DRILLING OUT		
17. LOSS CIRC.		
18. LAY DOWN DP & BOPS		
19. PLUG & ABANDON		
20. RIG UP - TEAR OUT		
21.		
TOTALS	24.00	

OPERATIONS DETAILS: PERIOD ENDING _____

1985-03-31 2400

Year - Month - Day - Time

0000 - 0145 Wash over (total 2m)
0145 - 0200 Rig Service and check BOP's
0200 - 0500 Hoist
0500 - 0600 Change bottom hole assembly
0600 - 0630 Slip drilling line and set brake
0630 - 0930 Run in with screw-in sub
0930 - 1000 Break circulation and clean top of fish
1000 - 1200 Run collar locator
1200 - 1215 Rig Service and check BOP's
1215 - 1415 Circulate, work sub in top fish
1415 - 1715 Hoist out with screw-in sub
1715 - 1830 Make up wash over (1 joint)
1830 - 2400 Run in with wash over to 829m (hole tight)

* Pulled 2 joints drill pipe out
Differential sticking?? at 809m

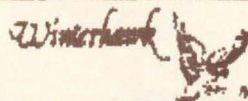
WANT LIST: _____

WEATHER _____

-2°C

ROAD Deteriorating quickly

IN DETAIL: MOVEMENT OF PURCHASE & RENTAL ITEMS (WHERE, WHEN, HOW)



DAILY DRILLING REPORT

FOR 24 HR. PERIOD ENDING

1985-03-30 2400

Year - Month - Day - Time

WELL NAME Exco et al Cameron Hills I-10 LOCATION _____

DAY 40 DEPTH 1613m METRES LAST 24 HRS. 0 ROTATING HRS. 0

ACTIVITY AT REPORT TIME Run in hole with screw in sub

DRILLING MUD PROPERTIES AT SHAKER/SUCTION/PIT:

WT. 1140 VIS 47 WL 8.0 GELS 1.5/4.0 % SOLIDS .0875 PV 21 YP 5.5 pH 10.0

% OIL Trace % SAND .001 CAKE 1.0 PPMCL 745 PPMCa 0

BIT RECORD

BIT NO.	SIZE mm	MAKE & TYPE	SER. NO.	BIT		DEPTH OUT m	m DRLD TODAY	CUM. m DRLD	Rot hrs. TODAY	CUM. Rot hrs.	m/HR	DULL CON		
				WT.	RPM							T	B	C

CIRCULATION RECORD

BIT NO.	JETS - mm			PUMP				ANN. VEL.		JET VEL	H.H.P.	SURF PRESS kPa
	1	2	3	STROKE	SPM	LINER	m ³ /min	DP	DC			

DEVIATION SURVEYS

_____ ° at _____ ° at _____
 _____ ° at _____ ° at _____
 _____ ° at _____ ° at _____
 _____ ° at _____ ° at _____

MUD & CHEMICALS ADDED

Gel 23 sx _____
Barite 30 sx _____
Caustic 1 sx _____

BOTTOM ASSEMBLY

TOOL	ID mm	O.D. mm	LENGTH m	WEIGHT daN
Shoe & 1 jt Wash Pipe				
Drive Bushing				
Jars				
XO				
2 Drill Collars				
Drill Pipe to Surface				

COSTS

DAILY N/A
 CUM. N/A

SUPERVISOR: J. Maloney

TIME ANALYSIS

OPERATION	TODAY	CUM
1. DRILLING		
2. TRIPS		
3. RIG SERVICE		
4. DEVIATION SURVEY		
5. REAM & COND. HOLE		
6. MIX & COND. MUD		
7. CIRCULATING		
8. RIG REPAIR		
9. RUN CASING & CEMENT		
10. FISHING	24.00	
11. LOGGING		
12. CORING		
13. FORMATION TESTING		
14. WAITING ON:		
15. NIPPLE UP & TEST BOP		
16. DRILLING OUT		
17. LOSS CIRC.		
18. LAY DOWN DP & BOPS		
19. PLUG & ABANDON		
20. RIG UP - FEAR OUT		
21. TOTALS	24.00	

OPERATIONS DETAILS: PERIOD ENDING

1985-03-30 2400
Year - Month - Day - Time

0000 - 0015 Rig Service and check BOP's
0015 - 0200 Hoist out (recover 1 drill collar)
0200 - 0400 Lay down over shot and make up 6 joints.
wash over pipe
0400 - 0630 Run in with wash over pipe
0630 - 1200 Wash over from 1372m (1/2m progress)
1200 - 1215 Rig Service and check BOP's
1215 - 1230 Wash over and circulate (progress 1 ft.)
1230 - 1530 Hoist out with wash over
1530 - 1630 Make up 1 joint wash over
1630 - 2100 Run in with wash over
2100 - 2400 Wash over

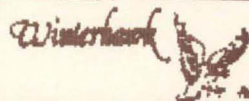
* Top of fish at 1381m
Wash over from approx. 1381m to 1383m

WANT LIST:

WEATHER -10°C

ROAD Good

IN DETAIL: MOVEMENT OF PURCHASE & RENTAL ITEMS (WHERE, WHEN, HOW)



DAILY DRILLING REPORT

FOR 24 HR. PERIOD ENDING

1985-03-29 2400

Year · Month · Day · Time

WELL NAME Exco et al Cameron Hills I-10 LOCATION _____DAY 39 DEPTH 1613m METRES LAST 24 HRS. 0 ROTATING HRS. 0ACTIVITY AT REPORT TIME Run in hole with wash over pipe and wash over

DRILLING MUD PROPERTIES AT SHAKER/SUCTION/PIT:

WT. 1200 VIS 72 WL. 7.6 GELS 5/20 % SOLIDS 1.050 PV 34 YP 13 pH 11.0% OIL 0 % SAND .001 CAKE 1.0 PPMCL 860 PPMCa 0

BIT RECORD

BIT NO.	SIZE mm	MAKE & TYPE	SER. NO.	BIT		DEPTH OUT m	m DRLD TODAY	CUM. m DRLD	Rot. hrs. TODAY	CUM. Rot. hrs.	m/HR	DULL CON		
				WT.	RPM							T	B	C

CIRCULATION RECORD

BIT NO.	JETS - mm			PUMP				ANN. VEL.		JET VEL	H.H.P.	SURF PRES kPa
	1	2	3	STROKE	SPM	LINEAR	m ³ /min	DP	DC			

DEVIATION SURVEYS

° at _____ ° at _____
 ° at _____ ° at _____
 ° at _____ ° at _____
 ° at _____ ° at _____

MUD & CHEMICALS ADDED

Gel 18 sx Barite 46 sx
 Caustic 2 sx _____
 Kelzan 1 sx _____
 Peltex 1 sx _____

BOTTOM ASSEMBLY

TOOL	ID mm	O.D. mm	LENGTH m	WEIGHT daN
Shoe & Wash Pipe (7 fts)				
Drive Bushing				
Jars				
XO				
2 Drill Collars				
XO				
Drill Pipe to Surface				

COSTS

DAILY	N/A
CUM.	N/A

SUPERVISOR J. Maloney

TIME ANALYSIS

OPERATION	TODAY	CUM
1. DRILLING		
2. TRIPS		
3. RIG SERVICE		
4. DEVIATION SURVEY		
5. REAM & COND. HOLE		
6. MIX & COND. MUD		
7. CIRCULATING		
8. RIG REPAIR		
9. RUN CASING & CEMENT		
10. FISHING	24.00	
11. LOGGING		
12. CORING		
13. FORMATION TESTING		
14. WAITING ON:		
15. NIPPLE UP & TEST BOP		
16. DRILLING OUT		
17. LOSS CIRC.		
18. LAY DOWN DP & BOPS		
19. PLUG & ABANDON		
20. RIG UP - TEAR OUT		
21.		
TOTALS	24.00	

OPERATIONS DETAILS: PERIOD ENDING

1985-03-29 2400

Year - Month - Day - Time

0000 - 0015 Rig Service and check BOP's
0015 - 0100 Make up B.H.A., over shot, jar, bumper
0100 - 0430 Run in (circulate at 835m bridged)
0430 - 0800 Circulate clean top of fish and latch onto
0800 - 1200 Rig up wireline, run sink-o-bar with chisle
and run free point
1200 - 1215 Rig Service
1215 - 1515 Run in back-off shot, work down left hand torque.
Pipe backed off above overshot
1515 - 1645 Break circulation and circulate bottoms up
1645 - 1845 Run in with spud bar and collar locator
1845 - 2000 Rig up, circulate head, mix wt. material and
displace drill pipe
2000 - 2230 Run in with string shot and back-off
2230 - 2400 Hoist with fish

* Recovered 1 drill collar

WANT LIST:

WEATHER

-10°C

ROAD

Good

IN DETAIL: MOVEMENT OF PURCHASE & RENTAL ITEMS (WHERE, WHEN, HOW)