

DAILY DRILLING REPORT

Date: 26-AUG-2002

Locate:	OFFSHORE	Well :	LO16-26	Rig :	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	21,672	1,238,750	8,470	23

DRILLING DATA

Depth at 24:00	8095	Footage 24:00		Days on Loc.	39
Drlg. Days	23 3/4	Days on Well	35	Drlg. AHD(BHD)	

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
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SURVEYS

M.D. Angle Direction

MUD DATA

Cia Type

WT FVisc PV YP PM PF Chlor Calc Filt K Solids

MUD PUMP

GPM

PSI

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily						24.00	
Cumulative	108.00	217.00		364.50	28.00	194.50	28.00

COMMENTS

FINISHED PERFORATING FROM 6700' TO 6575' W/ 129 SHOTS ; WHP 450 PSI ; K & C TOOK INTIAL PRESSURE ; WHP 600 PSI ; BJ PERFORMED WATERFRAC ; OPENED WELL W/ 1200 PSI ; PRESSURE DROPPED TO "0" , THEN FLOWED 20 BBLS.

00:00 TO 06:00 : CONTINUE FLOWING TO RIG TANK 101 BBLS. ; CHANGED TO SEPARATOR FLOWED 10 BBLS. ; CHANGED TO RIG TANK 6 BBLS. - TOTAL FLOWED 44 B.O. X 93 BBLS. WATER

FRAC RECORD : PRESSURES (PSI) : BREAKDOWN 3050 ; STANDING 2160 ; AVG. 2750 ; FINAL 5700 (SCREEN OUT) ; RATE 18 BPM ; 20/40 SAND 530 SXS. ; FLUID 500 BBLS. OF TREATED WATER.

Last Modification : 26-AUG-02 09:24 AM

Daily Footage

Monthly Cumul : 6,095

Yearly Cumul : 45,755

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 25-AUG-2002

Locate:	OFFSHORE	Well:	LO16-26	Rig:	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	16,839	1,217,078	8,470	23

DRILLING DATA

Depth at 24:00	8095	Footage 24:00		Days on Loc.	38
Drlg. Days	23 3/4	Days on Well	34	Drlg. AHD(BHD)	

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
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SURVEYS

M.D.	Angle	Direction
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MUD DATA

Cia						Type					
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	

MUD PUMP

GPM	
PSI	

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily						24.00	
Cumulative	108.00	217.00		364.50	28.00	170.50	28.00

COMMENTS

FINISHED POOH TBG. W/ RTTS PACKER ; M/U RBP & RIH ; SET AT 7111' ; TESTED W/ 1500 PSI - OK. & DROPPED 2 SXS. FRAC SAND ABOVE BRIDGE PLUG ; POOH TBG. W/ SETTING TOOL ; N/D BOP'S ; INSTALLED SHOOTING VALVE ; TESTED W/ 4000 PSI & LUBRICATOR W/ 1500 PSI. - OK.

00:00 TO 06:00 : PERFORATED RIO BRAVO FM. FROM 6833' TO 6718' W/ 129 SHOTS IN 3 RUNS - WHP 450 PSI. ; AT REPORT TIME CONTINUE PERFORATING.

Last Modification : 26-AUG-02 08:23 AM

Daily Footage

Monthly Cumul : 6,095

Yearly Cumul : 45,755

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 24-AUG-2002

Locate:	OFFSHORE	Well:	LO16-26	Rig:	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	17,783	1,200,239	8,470	23

DRILLING DATA

Depth at 24:00	8095	Footage 24:00		Days on Loc.	37
Drlg. Days	23 3/4	Days on Well	33	Drlg. AHD(BHD)	

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
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SURVEYS

M.D. Angle Direction

MUD DATA

Cia Type

WT FVisc PV YP PM PF Chlor Calc Filt K Solids

MUD PUMP

GPM

PSI

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily						24.00	
Cumulative	108.00	217.00		364.50	28.00	170.50	28.00

COMMENTS

FINISHED BUILD UP TEST - WHP 900 PSI ; LAYED DOWN TOOLS ; GYRO DATA TOOK MULTI SURVEY IN WELL.

00:00 TO 06:00 : FINISHED SURVEY - WHP 300 PSI ; BLED OFF TO SEPARATOR ; REMOVED X-MAS TREE ; UNSET PACKER ; N/D TREE ; N/U & TESTED BOP'S ; AT REPORT TIME POOH (44 JTS.).

NOTE : TOOK MULTI GYRO SURVEY IN WELLS 8 - 16 - 17 - 22 - 23 & 26.

Coil bitum, pzo perforado!!

Last Modification : 26-AUG-02 08:22 AM

Daily Footage

Monthly Cumul : 6,095

Yearly Cumul : 45,755

SDR009A1.RDF

Segundo Gyro survey g. Toman!

DAILY DRILLING REPORT

Date: 23-AUG-2002

Locate: OFFSHORE	Well : LO16-26	Rig : PEPESA-48
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Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$ 16,346	Cum. Cost(\$) 1,182,456	Estimated depth 8,470	Estimated Days 23
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DRILLING DATA

Depth at 24:00 8095	Footage 24:00	Days on Loc. 36
Drlg. Days 23 3/4	Days on Well 32	Drlg. AHD(BHD)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
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SURVEYS

M.D.	Angle	Direction
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MUD DATA

Cia	Type									
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids

MUD PUMP

GPM
PSI

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily						24.00	
Cumulative	108.00	217.00		364.50	28.00	122.50	28.00

COMMENTS

PRODUCTION PERSONNEL MONITORING WELL ; AT 17:00 HRS. COPETSA STARTED RUNNING BUILD UP TEST.

00:00 TO 06:00 : WELL IN BUIL UP TEST ; WHP 750 PSI.

NOTE : TOOK MULTI GYRO SURVEY IN WELLS 9 - 18 - 10 & 16.

Last Modification : 23-AUG-02 08:30 AM

Daily Footage

Monthly Cumul : 6,095

Yearly Cumul : 45,755

SDR009A1.RDF

Well File
GEOSCIENCES

DAILY DRILLING REPORT

Date: 22-AUG-2002

Locate: OFFSHORE		Well: LO16-26		Rig: PEPESA-48	
Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$ 15,030	Cum. Cost(\$) 1,166,110	Estimated depth 8,470
Estimated Days 23					

DRILLING DATA

Depth at 24:00	8095	Footage 24:00		Days on Loc.	35
Drlg. Days	23 3/4	Days on Well	31	Drlg. AHD(BHD)	

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
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SURVEYS			MUD DATA										MUD PUMP	
M.D.	Angle	Direction	Cia					Type				GPM		
			WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	PSI

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily						24.00	
Cumulative	108.00	217.00		364.50	28.00	98.50	28.00

COMMENTS
 FINISHED POOH W/ NOTCH COLLAR ; RIH W/ ARROW PACKER AT 7585' ; WELL FLOWED TO BARGE TANK ; BLED OFF GAS ; N/D BOP ; P/U TREE & SET PACKER AT 7585' ; SWABED WELL FROM 0' TO 2000' , RECOVERED 20 B.O. ; WELL FLOWING TO BARGE TANK.

 00:00 TO 06:00 : PRODUCTION PERSONNEL MONITORING WELL.

Last Modification : 22-AUG-02 08:25 AM

Daily Footage

Monthly Cumul :6,095

Yearly Cumul : 45,755

SDR009A1.RDF

Well File
REFERENCES

DAILY DRILLING REPORT

Date: 21-AUG-2002

Locate:	OFFSHORE	Well :	LO16-26	Rig :	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	14,511	1,151,080	8,470	23

DRILLING DATA

Depth at 24:00	8095	Footage 24:00		Days on Loc.	34
Drlg. Days	23 3/4	Days on Well	30	Drlg. AHD(BHD)	

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
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SURVEYS

M.D.	Angle	Direction
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MUD DATA

Cia											Type		
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids			

MUD PUMP

GPM	
PSI	

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily						24.00	
Cumulative	108.00	217.00		364.50	28.00	74.50	28.00

COMMENTS

PRODUCTION PERSONNEL MONITORING WELL ; WELL DIED ; N/D SHOOTING VALVE & N/U BOP ; RIH AT 530' ; WELL CAME IN & FLOWED TO TANK 52 BO ; RIH AT 4488' ; WELL FLOWED 62 BO ; CONTINUED RIH TAG AT 7689' ; CIRCULATED.

00:00 TO 06:00 : CONTINUED RIH TAG AT 7799' ; CLEANED OUT SAND W/ CIRCUL. TO 8004' ; CIRCULATED ; POOH W/ NOTCH COLLAR.

Last Modification : 21-AUG-02 08:42 AM

Daily Footage

Monthly Cumul :6,095

Yearly Cumul : 45,755

SDR009A1.RDF

Well File
GEOSCIENCES

DAILY DRILLING REPORT

Date: 20-AUG-2002

Locate: OFFSHORE	Well: LO16-26	Rig: PEPESA-48
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Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$ 55,333	Cum. Cost(\$) 1,136,569	Estimated depth 8,470	Estimated Days 23
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DRILLING DATA

Depth at 24:00 8095	Footage 24:00	Days on Loc. 33
Drlg. Days 23 3/4	Days on Well 29	Drlg. AHD(BHD) (1 1/2)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
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SURVEYS

M.D.	Angle	Direction
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MUD DATA

Cia	Type									
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids

MUD PUMP

GPM
PSI

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily						24.00	
Cumulative	108.00	217.00		364.50	28.00	50.50	28.00

COMMENTS

WELL FLOWED TO RIG TANK 125 BBLs. OF DIESEL W/ 30 PSI ; BJ FRACED WELL ; SHUT IN WELL (4 1/2 HRS.) ; OPENED WELL TO BARGE TANK W/ 1850 PSI , DROPPED TO 10 PSI ; FLOWED 40 BBLs. OF OIL.

00:00 TO 06:00 : PRODUCTION PERSONNEL MONITORING WELL.

FRAC DATA RECORD :

MATERIALS : 514 SXS. OF 20/40 SAND & 639 BBLs. OF OIL

PUMP : 18 BPM.

PRESSURES (PSI) : BREAK. N/R. ; MAX 3820 ; MIN. 3000 ; AVG. 3450 ; STANDING 2100 ;

FINAL 3820 ; AFTER 10 MIN. 2700.

Last Modification : 20-AUG-02 08:24 AM

Daily Footage

Monthly Cumul : 6,095

Yearly Cumul : 45,755

SDR009A1.RDF

Well File
GEOSCIENCES

DAILY DRILLING REPORT

Date: 19-AUG-2002

Locate:	OFFSHORE	Well :	LO16-26	Rig :	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	41,284	1,081,236	8,470	23

DRILLING DATA

Depth at 24:00	8095	Footage 24:00		Days on Loc.	32
Drlg. Days	22 3/4	Days on Well	28	Drlg. AHD(BHD	(1 1/2)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
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SURVEYS

M.D.	Angle	Direction

MUD DATA

MOD DATA											MOD DATA			
Cia											Type		GPM	
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	PSI			

MUD PUMP**TIME BREAKDOWN**

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily				4.00		20.00	
Cumulative	108.00	217.00		364.50	28.00	26.50	28.00

COMMENTS

HLS LOGGED W/ GR-CCL-NEUTRON FROM 8004' TO 6000' ; TESTED SHOOTING VALVE, WELLHEAD, CASING W/ 5000 PSI - OK. ; HLS PERFORATED RIO BRAVO FM. FROM 7963' TO 7680' W/ 219 SHOTS IN FIVE RUNS , WELL HEAD FINAL PRESS. 950 PSI ; OPENED WELL W/ 950 PSI , DROPPED TO 10 PSI ; FLOWED 18.5 BBLs. OF DIESEL ; K & C TOOK INITIAL PRESS. AT 7950' - WHP 930 PSI.

00:00 TO 06:00 : K & C POOH MEMORY GAUGE TAKING PRESSURE ; RIH MEMORY GAUGE TO 7950' ; OPENED WELL W/ 930 PSI , DROPPED TO "0" ; TAKING FLOW PRESSURE - WELL FLOWED TO TANK 16 BBLs. OF DIESEL.

NOTE : DURING FIRST TWO PERFORATING RUNS WHP INCREASED TO 450 PSI , IN TWO NEXT RAISED TO 700 PSI & IN LAST RUN RAISED TO 950 PSI.

Last Modification : 19-AUG-02 08:29 AM

Daily Footage

Monthly Cumul : 6,095

Yearly Cumul : 45,755

SDR009A1.RDF

Well File
GEOSCIENCES

DAILY DRILLING REPORT

Date: 18-AUG-2002

Locate:	OFFSHORE	Well :	LO16-26	Rig :	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	35,928	1,039,952	8,470	23

DRILLING DATA

Depth at 24:00	8095	Footage 24:00		Days on Loc.	31
Drlg. Days	22 3/4	Days on Well	27	Drlg. AHD(BHD	(1 1/2)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
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SURVEYS

M.D.	Angle	Direction
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MUD DATA

Cia	MI DRLG. FLUID					Type	FLO-DRILL				GPM	
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	PSI	
11.3	41	24	18	0.35	0.12	23,000	120	5.6		14		

MUD PUMP

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily				17.50		6.50	
Cumulative	108.00	217.00		364.50	28.00	26.50	28.00

COMMENTS

FINISHED CEMENTING ; W/ON CEMENT ; SET CASING SLIPS ; N/D BOP & INSTALLED TBG. HEAD ; L/D D.P. ; K & C TOOK TEMPERATURE SURVEY ; FINISHED L/D D.P.

00:00 TO 06:00 : INSTALLED SHOOT. VALVE ; HLS INSTALLED LUBRICATOR ; AT REPORT TIME RIH W/ GR-CCL-NEUTRON.

NOTE : CEMENT TOP AT 4338'.

Last Modification : 19-AUG-02 08:29 AM

Daily Footage

Monthly Cumul : 6,095

Yearly Cumul : 45,755

SDR009A1.RDF

Well File
GEOSCIENCES

DAILY DRILLING REPORT

Date: 17-AUG-2002

Locate: OFFSHORE		Well : LO16-26		Rig : PEPESA-48	
Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$ 87,195	Cum. Cost(\$) 1,004,024	Estimated depth 8,470 Estimated Days 23

DRILLING DATA

Depth at 24:00	8095	Footage 24:00		Days on Loc.	30
Drlg. Days	22 3/4	Days on Well	26	Drlg. AHD(BHD	(1 1/2)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
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SURVEYS

M.D.	Angle	Direction
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MUD DATA

Cia	MI	DRLG.	FLUID	Type	FLO-DRILL
WT	FVisc	PV	YP	PM	PF
11.4	48	23	27	0.35	0.14
Chlor	Calc	Filt	K	Solids	
23,000	120	5.4	18,5	14	

MUD PUMP

GPM	
PSI	

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily				24.00			
Cumulative	108.00	217.00		364.50	28.00	26.50	28.00

COMMENTS
 POOH BREAKING CONNECTIONS ; RIH 5 1/2" CASING TO 8095' ; CIRCULATED.

 00:00 TO 06:00 : CEMENTED 5 1/2" CSG. - OK. ; PREPARING TO SET CSG. SLIPS.

Last Modification : 19-AUG-02 08:30 AM

Daily Footage

Monthly Cumul :6,095

Yearly Cumul : 45,755

SDR009A1.RDF

Well File
GEOSCIENCES

DAILY DRILLING REPORT

Date: 16-AUG-2002

Locate:	OFFSHORE	Well:	LO16-26	Rig:	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	22,368	916,829	8,470	23

DRILLING DATA

Depth at 24:00	8095	Footage 24:00	5	Days on Loc.	29
Drlg. Days	22 3/4	Days on Well	25	Drlg. AHD(BHD	(1 1/2)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
8RR	8 1/2	M88PX	4x16 2x18	30	90	8095	2567	76.5

SURVEYS

M.D. Angle Direction

MUD DATA

Cia	MI DRLG. FLUID					Type	FLO-DRILL				
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	
11.3	48	13	26	0.40	0.15	23,000	120	5.4	18,0	14	

MUD PUMP

GPM 472
PSI 1950

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		.50		23.50			
Cumulative	108.00	217.00		319.00	28.00		28.00

COMMENTS

CONTINUE POOH W/ DIFFICULTY FROM 6175' TO 6081' ; AT 5863' WORKED STUCK PIPE TO FREE THEN CONTINUED POOH ; L/D STABILIZER & MONELS ; M/U TRICONIC BIT & WATERMELON STAB. ; RIH.

00:00 TO 06:00 : RIH TO SHOE ; CIRCULATED & CUT 375' DRLG. LINE ; CONTINUE RIH TAG AT 5870', WORKED TO PASS ; RIH TAG AT 7985' ; WASHED TO BOTTOM ; CIRCULATING TO POOH TO RUN 5 1/2" CASING.

Last Modification : 16-AUG-02 08:59 AM

Daily Footage 5

Monthly Cumul : 6,095

Yearly Cumul : 45,755

SDR009A1.RDF

Well File
GEOSCIENCES

DAILY DRILLING REPORT

Date: 15-AUG-2002

Locate:	OFFSHORE	Well :	LO16-26	Rig :	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	24,969	894,461	8,470	23

DRILLING DATA

Depth at 24:00	8090	Footage 24:00	560	Days on Loc.	28
Drig. Days	22 3/4	Days on Well	24	Drig. AHD(BHD	(1/2)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
8RR	8 1/2	H88PX	4x16 2x18	30	90	8090	2562	76

SURVEYS

M.D.	Angle	Direction
7950	52.4	N 49.2 W
7762	53.7	N 48.5 W
7605	54.3	N 47.1 W

MUD DATA

Cia	MI DRLG. FLUID					Type	FLO-DRILL				
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	
11.1	48	24	25	0.5	0.2	21,000	80	5.8	19,0	14	

MUD PUMP

GPM	472
PSI	1950

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		22.00		2.00			
Cumulative	108.00	216.50		295.50	28.00		28.00

COMMENTS

DRILLED FROM 7713' TO 7781' ; SHORT TRIP - OK. ; DRILLED TO 8090'.

00:00 TO 06:00 : DRILLED TO 8095' (T.D.) ; CIRCULATED & RAISED MUD WT. TO 11.3 PPG. ;
POOH (CONDITION TRIP TO LOGGING).

Last Modification : 15-AUG-02 09:04 AM

Daily Footage 560

Monthly Cumul : 6,090

Yearly Cumul : 45,750

SDR009A1.RDF

Well File
GEOSCIENCES

DAILY DRILLING REPORT

Date: 14-AUG-2002

Locate:	OFFSHORE	Well:	LO16-26	Rig:	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	27,036	869,492	8,470	23

DRILLING DATA

Depth at 24:00	7530	Footage 24:00	765	Days on Loc.	27
Drlg. Days	21 3/4	Days on Well	23	Drlg. AHD(BHD)	(3/4)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
8RR	8 1/2	H88PX	4x16 2x18	30	90	7530	2002	54

SURVEYS

M.D.	Angle	Direction
7416	55.6	N 47.1 W
7228	56.9	N 46.4 W
7040	58.8	N 45.0 W

MUD DATA

PROD DATA

Cia	MI	DRLG.	FLUID	Type	FLO-DRILL					
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids
11.1	46	22	24	0.6	0.25	23,000	80	5.8	19,8	13

MUD PUMP

GPM	472
PSI	1850

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		24.00		4.00			
Cumulative	108.00	194.50		293.50	28.00		28.00

COMMENTS

AT 7029' MADE SHORT TRIP - OK. - DRILLED TO 7405' ; SHORT TRIP - OK. - DRILLED TO 7530'.

00:00 TO 06:00 : DRILLING AT 7713'.

NOTE : MADE BLOWOUT SIMULACRUM.

Last Modification : 14-AUG-02 08:58 AM

Daily Footage 765

Monthly Cumul : 5,530

Yearly Cumul : 45,190

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 13-AUG-2002

Locate:	OFFSHORE	Well :	LO16-26	Rig :	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	29,863	842,456	8,470	23

DRILLING DATA

Depth at 24:00	6765	Footage 24:00	516	Days on Loc.	26
Drlg. Days	20 3/4	Days on Well	22	Drlg. AHD(BHD)	(1 1/4)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
8RR	8 1/2	H88PX	4x16 2x18	25	90	6765	1237	34

SURVEYS

M.D.	Angle	Direction
6664	60.0	N 45.0 W
6506	60.2	N 45.7 W
6349	60.6	N 44.3 W

MUD DATA

Cia	MI DRLG. FLUID					Type	FLO-DRILL				
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	
11.1	45	21	22	0.5	0.2	23,500	200	5.4	19,8	12.5	

MUD PUMP

GPM	492
PSI	1750

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		19.00		5.00			
Cumulative	108.00	170.50		289.50	28.00		28.00

COMMENTS

CIRCULATED & RAISED MUD WT. FROM 10.5 TO 10.9 PPG. ; CONTINUED DRILLING TO 6620' ;
SHORT TRIP - OK. ; DRILLED TO 6765'.

00:00 TO 06:00 : DRILLING AT 7029'.

Last Modification : 14-AUG-02 08:35 AM

Daily Footage 516

Monthly Cumul : 4,765

Yearly Cumul : 44,425

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 12-AUG-2002

Locate: OFFSHORE		Well: LO16-26		Rig: PEPESA-48	
Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$ 28,012	Cum. Cost(\$) 812,593	Estimated depth 8,470
					Estimated Days 23

DRILLING DATA

Depth at 24:00 6249	Footage 24:00 175	Days on Loc. 25
Drlg. Days 19 3/4	Days on Well 21	Drlg. AHD(BHD) (1 1/2)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
8RR	8 1/2	H88PX	6 x 18	20	90	6249	721	15

SURVEYS

M.D.	Angle	Direction
6158	59.5	N 44.1 W
6127	59.3	N 43.7 W
6032	60.2	N 43.3 W

MUD DATA

Cia	MI	DRLG.	FLUID	Type	FLO-DRILL					
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids
10.5	46	16	19	0.5	0.3	21,000	100	5.5	19,0	8

MUD PUMP

GPM	511
PSI	1600

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		4.50		19.50			
Cumulative	108.00	151.50		284.50	28.00		28.00

COMMENTS

CIRCULATED & RAISED MUD WT. FROM 9.8 TO 10.4 PPG. ; POOH L/D MUD MOTOR ; M/U STABILIZE BHA & PLACED LWD TOOL (GR) ; RIH TO 5750' ; RIH LOGGING W/ GR TO 6118'.

00:00 TO 06:00 : FINISHED RIH LOGGING W/ GR TO BOTTOM (6249') ; DRILLED TO 6400' ; GAS CUT MUD WT. FROM 10.5 TO 10.2 PPG. ; CIRCULATED & RAISED MUD WT. TO 10.9 PPG. ; AT REPORT TIME RESTARTING DRILLING.

NOTE : RIO BRAVO TOP AT 5850'.

Last Modification : 12-AUG-02 09:22 AM

Daily Footage 175

Monthly Cumul : 4,249

Yearly Cumul : 43,909

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 11-AUG-2002

Locate:	OFFSHORE	Well :	LO16-26	Rig :	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	26,835	784,581	8,470	23

DRILLING DATA

Depth at 24:00	6074	Footage 24:00	556	Days on Loc.	24
Drlg. Days	18 3/4	Days on Well	20	Drlg. AHD(BHD	(3/4)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
7RR	8 1/2	GTM-1	3 X 18	15	90	5528	10	0.5
8RR	8 1/2	M88PX	6 X 18	20	90	6074	546	10.5

SURVEYS

M.D.	Angle	Direction
5939	59.9	N 43.2 W
5844	61.0	N 42.9 W
5750	61.9	N 43.6 W

MUD DATA

Cia	MI DRLG. FLUID					Type	FLO-DRILL			
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids
9.7	45	14	17	0.6	0.3	21,000	120	6.8	19.0	6

MUD PUMP

GPM	511
PSI	1500

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		11.00		13.00			
Cumulative	108.00	151.50		284.50	28.00		28.00

COMMENTS

TESTED SLIM-1 - OK. ; CONTINUED RIH TO BOTTOM ; DRILLED TO 6043' ; CIRC. (819 GAS UNITS - INCREASED MUD WT. FROM 9.4 TO 9.7 PPG.) ; SHORT TRIP TO 9 5/8" SHOE - GAS TRIP 989 UNITS ; DRILLED TO 6074' ; DROPPED PRESSURE ; TRIP TO CHECK.

00:00 TO 06:00 : FOUND WASHOUT IN # 44 DRILL PIPE (4653') ; DRILLING AT 6231' (MUD WT. 9.8 PPG.) .

Last Modification : 12-AUG-02 09:23 AM

Daily Footage 556

Monthly Cumul :4,074

Yearly Cumul : 43,734

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 10-AUG-2002

Locate: OFFSHORE		Well: LO16-26		Rig: PEPESA-48		
Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$ 33,777	Cum. Cost(\$) 757,746	Estimated depth 8,470	Estimated Days 23

DRILLING DATA

Depth at 24:00 5518	Footage 24:00	Days on Loc. 23
Drlg. Days 17 3/4	Days on Well 19	Drlg. AHD(BHD) (1)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
7RR	8 1/2	GTM-1	3 x 18			5439		0.5

SURVEYS

M.D.	Angle	Direction

MUD DATA

Cia	MI	DRLG.	FLUID	Type	FLO DRILL					
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids
9.0	50	13	22	0.4	0.2	23000	80	7.5	24,0	3

MUD PUMP

GPM	450
PSI	1600

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily				24.00			
Cumulative	108.00	151.50		284.50	28.00		28.00

COMMENTS

N/U 13 5/8" BOP'S ; M/U KILL LINES, BELL NIPPLE & WELDED FLOWLINES ; TESTED BLIND RAMS, HCR VALVE & CHOKE MANIFOLD W/ 1500 PSI - OK. ; RIH W/ SLICK ASSY TO 5420' ; TESTED PIPE RAMS W/ 1200 PSI. & ANNULAR W/ 800 PSI - OK. ; DRILLED OUT CEMENT AT 5439'.

00:00 TO 06:00 : DRILLED OUT CEMENT AT 5518' & FORMATION TO 5528' ; CIRC. ; POOH ; RIH MUD MOTOR W/ PDC BIT (2 STANDS) .

Last Modification : 12-AUG-02 09:25 AM

Daily Footage

Monthly Cumul : 3,518

Yearly Cumul : 43,178

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 09-AUG-2002

Locate: OFFSHORE	Well: LO16-26	Rig: PEPESA-48
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Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$ 147,127	Cum. Cost(\$) 723,969	Estimated depth 8,470	Estimated Days 23
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DRILLING DATA

Depth at 24:00 5518	Footage 24:00	Days on Loc. 22
Drlg. Days 16 3/4	Days on Well 18	Drlg. AHD(BHD) (1 1/4)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
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SURVEYS

M.D.	Angle	Direction

MUD DATA

Cia	MI	DRLG.	FLUID	Type	FLO-DRILL
WT	FVisc	PV	YP	PM	PF
10.4	50	14	22	0.35	0.15
Chlor	Calc	Filt	K	Solids	
18000	280	7.0	12,0	12	

MUD PUMP

GPM	
PSI	

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily				24.00			
Cumulative	108.00	136.00		228.00	28.00		28.00

COMMENTS

FINISHED RIH & CEMENT 9 5/8" CASING AT 5518' ; W/ON CEMENT ; SET 9 5/8" SLIPS.

00:00 TO 06:00 : N/D. BOP ; CUT OFF 9 5/8" CSG. ; AT REPORT TIME PREPARING TO N/U. CSG. SPOOL.

Last Modification : 09-AUG-02 09:34 AM

Daily Footage

Monthly Cumul : 3,518

Yearly Cumul : 43,178

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 08-AUG-2002

Locate: OFFSHORE		Well: LO16-26		Rig: PEPESA-48		
Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	26,515	576,842	8,470	23

DRILLING DATA

Depth at 24:00	5518	Footage 24:00	289	Days on Loc.	21
Drig. Days	15 3/4	Days on Well	17	Drig. AHD(BHD	(1 1/4)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
6	12 1/4	5987BHP	7x13 2x14	12	60	5518	3505	65

SURVEYS

M.D.	Angle	Direction
5471	61.2	317.8
5376	61.2	317.3
5282	61.7	317.1

MUD DATA

Cia											MI			DRLG.			FLUID			Type		FLO-DRILL		
WT		FVisc		PV		YP		PM		PF		Chlor		Calc		Filt		K		Solids				
10.4		48		19		22		0.45		0.3		17500		280		7.0		12.5		12				

MUD PUMP

GPM	645
PSI	2600

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		7.00		16.50	.50		
Cumulative	108.00	136.00		204.00	28.00		28.00

COMMENTS

DRILLED FROM 5452' TO 5518' (CSG. POINT) ; CIRCULATED ; POOH ; L/D. MUD MOTOR & PDC BIT ; M/U. BIT & NEAR BIT ; RIH TAG AT 2791' ; RIH CIRCULATING TO 2831' ; CONTINUED RIH TAG AT 5436' ; REAMED TO 5518' ; CIRCULATED ; POOH W/ DRAG TO 5312', THEN WITHOUT PROBLEMS.

00:00 TO 06:00 : FINISHED POOH ; RIH 9 5/8" CASING AT 1300'.

NOTE : WORKED STRING AT SHOE TO PASS BHA.

Last Modification : 08-AUG-02 08:07 AM

Daily Footage 289

Monthly Cumul : 3,518

Yearly Cumul : 43,178

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 07-AUG-2002

Locate:	OFFSHORE	Well:	LO16-26	Rig:	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	34,286	550,327	8,470	23

DRILLING DATA

Depth at 24:00	5229	Footage 24:00	1009	Days on Loc.	20
Drig. Days	14 3/4	Days on Well	16	Drig. AHD(BHD	(1)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
6	12 1/4	5987BHP	7x13 2x14	12	60	5229	3216	58

SURVEYS

M.D.	Angle	Direction
5093	61.6	316.7
4999	61.3	317.9
4935	61.00	316.8

MUD DATA

Cia											MI		DRLG.			FLUID		Type		FLO-DRILL		
WT		FVisc		PV		YP		PM		PF		Chlor		Calc		Filt		K		Solids		
10.3		46		19		21		0.5		0.25		21,000		280		6.8		13.5		11		

MUD PUMP

GPM	645
PSI	2600

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		20.00		2.50	1.50		
Cumulative	108.00	129.00		187.50	27.50		28.00

COMMENTS

DRILLED (SLIDING & ROTATING) FROM 4473' TO 4756' ; SHORT TRIP TO 3400' - OK. ; DRILLED (SLIDING & ROTATING) TO 4788' ; CHANGED LINER ON CYLINDER HEAD OF #2 MUD PUMP ; DRILLED (SLIDING & ROTATING) TO 5088' ; CHANGED PISTON ON #2 MUD PUMP ; DRILLING AT 5229'

00:00 TO 06:00 : DRILLED FROM 5229' TO 5359' ; CHANGED PISTON ON #1 MUD PUMP ; DRILLING AT 5452'.

Last Modification : 07-AUG-02 08:09 AM

Daily Footage 1009

Monthly Cumul : 3,229

Yearly Cumul : 42,889

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 06-AUG-2002

Locate:	OFFSHORE	Well:	LO16-26	Rig:	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	36,993	516,041	8,470	23

DRILLING DATA

Depth at 24:00	4220	Footage 24:00	1100	Days on Loc.	19
Drlg. Days	13 3/4	Days on Well	15	Drlg. AHD(BHD	(1 3/4)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
6	12 1/4	5987BHP	7x13 2x14	10	60	4220	2207	38

SURVEYS

M.D.	Angle	Direction
4116	61.5	316.7
4021	61.6	316.7
3927	61.4	316.

MUD DATA

Cia	MI DRLG. FLUID					Type	FLO-DRILL					GPM	645
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	PSI	2400	
9.9	45	17	19	0.45	0.3	21,000	320	6.6	13,5	9			

MUD PUMP

GPM	645
PSI	2400

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		19.00		4.00	1.00		
Cumulative	108.00	109.00		185.00	26.00		28.00

COMMENTS

DRILLED (SLIDING & ROTATING) FROM 3433' TO 3654' ; SHORT TRIP TO 3050' - OK. ; DRILLED (SLIDING & ROTATING) TO 3813' ; WELDED NIPPLE OF DISCHARGE MANIFOLD OF # 2 MUD PUMP ; DRILLED (SLIDING & ROTATING) TO 4220' ; SHORT TRIP TO 3618' - OK.

00:00 TO 06:00 : DRILLED (SLIDING & ROTATING) TO 4357' ; WELDED NIPPLE OF DISCHARGE MANIFOLD OF # 2 MUD PUMP ; DRILLING (SLIDING & ROTATING) AT 4473'.

Last Modification : 06-AUG-02 08:58 AM

Daily Footage 1100

Monthly Cumul : 2,220

Yearly Cumul : 41,880

SDR009A1.RDF

 Well File
 GEOSCIENCES

DAILY DRILLING REPORT

Date: 05-AUG-2002

Locate: OFFSHORE		Well: LO16-26		Rig: PEPESA-48	
Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$ 20,750	Cum. Cost(\$) 449,017	Estimated depth 8,470
					Estimated Days 23

DRILLING DATA

Depth at 24:00 3120	Footage 24:00	Days on Loc. 18
Drlg. Days 12 3/4	Days on Well 14	Drlg. AHD(BHD) (2 1/4)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
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SURVEYS			MUD DATA										MUD PUMP	
M.D.	Angle	Direction	Cia	MI	DRLG.	FLUID	Type	FLO-DRILL	GPM	PSI				
			WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	
			9.4	45	14	17	0.5	0.3	19000	360	6.5	15,6	5	

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily				.50	23.50		
Cumulative	108.00	89.50		157.50	25.00		28.00

COMMENTS
 FINISHED REPAIRING #1 MUD PUMP ; RIH AT 2693'
 00:00 TO 06:00 : RIH TO BOTTOM (3120') ; DRILLING (SLIDING & ROTATING) AT 3433'.

Last Modification : 05-AUG-02 09:13 AM

Daily Footage

Monthly Cumul : 1,107

Yearly Cumul : 40,767

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 04-AUG-2002

Locate: OFFSHORE		Well: LO16-26		Rig: PEPESA-48	
Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$ 37,546	Cum. Cost(\$) 458,298	Estimated depth 8,470
					Estimated Days 23

DRILLING DATA

Depth at 24:00 3120	Footage 24:00 1107	Days on Loc. 17
Drlg. Days 11 3/4	Days on Well 13	Drlg. AHD(BHD) (1 1/4)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
6	12 1/4	5987PHP	7x13 2x14	18	60	3120	1107	19

SURVEYS

M.D.	Angle	Direction
2984.5	62.3	
2889	61.9	
2795	61.9	

MUD DATA

Cia	MI	DRLG.	FLUID	Type	FLO-DRILL					
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids
9.4	43	15	19	0.25	0.15	20000	300	6.5	15.6	6

MUD PUMP

GPM	645
PSI	2100

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		19.00		4.00	1.00		
Cumulative	108.00	90.00		181.00	25.00		28.00

COMMENTS

DRILLED (SLIDING & ROTATING) TO 2522' ; CIRC. ; SHORT TRIP TO SHOE - OK ; DRILLED (SLIDING & ROTATING) TO 3057' ; CIRC. ; SHORT TRIP TO 2453' - OK ; DRILLED TO 3120' ; BROKE DOWN #1 MUD PUMP ; POOH TO SHOE ; REPAIRING # 1 MUD PUMP

00:00 TO 06:00 : REPAIRING # 1 MUD PUMP (CHANGING SPROKET COUNTERSHAFT BEARING)

Last Modification : 05-AUG-02 09:14 AM

Daily Footage 1107

Monthly Cumul : 1,120

Yearly Cumul : 40,780

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 03-AUG-2002

Locate: OFFSHORE		Well: LO16-26		Rig: PEPESA-48	
Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$ 30,031	Cum. Cost(\$) 420,752	Estimated depth 8,470
					Estimated Days 23

DRILLING DATA

Depth at 24:00 2013	Footage 24:00 13	Days on Loc. 16
Drlg. Days 10 3/4	Days on Well 12	Drlg. AHD(BHD) 2

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
5RR	12 1/4	GTM-1	2x16 1x15	15	100	2013	13	0.5

SURVEYS

M.D.	Angle	Direction

MUD DATA

Cia	MI	DRLG.	FLUID	Type	FLO-DRILL
WT	FVisc	PV	YP	PM	PF
9.2	48	14	17	0.45	0.25
Chlor	Calc	Filt	K	Solids	
21000	100	7.2	22,0	4	

MUD PUMP

GPM	671
PSI	2000

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		.50		23.50			
Cumulative	108.00	90.00		181.00	25.00		28.00

COMMENTS

FINISHED WELDING FLOW LINE ; TESTED BLIND RAMS - OK ; RIH SLICK ASSY W/ BIT TAG AT 1947' (CMT. TOP) ; TESTED PIPE RAMS , MANIFOLD & ANNULAR BOP - OK ; DRILLED OUT CEMENT & SHOE AT 2000' ; DRILLED TO 2013' ; POOH ; RIH MUD MOTOR W/ PDC BIT TO 2013'.

00:00 TO 06:00 : DRILLING (SLIDING & ROTATING) AT 2233'.

Last Modification : 05-AUG-02 09:15 AM

Daily Footage 13

Monthly Cumul : 13

Yearly Cumul : 39,673

SDR009A1.RDF

Well File
GEOSCIENCES

DAILY DRILLING REPORT

Date: 02-AUG-2002

Locate: OFFSHORE		Well: LO16-26		Rig: PEPESA-48	
Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$ 29,884	Cum. Cost(\$) 390,721	Estimated depth 8,470
				Estimated Days 23	

DRILLING DATA

Depth at 24:00 2000	Footage 24:00	Days on Loc. 15
Drlg. Days 9 3/4	Days on Well 11	Drlg. AHD(BHD) (1 3/4)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
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SURVEYS

M.D.	Angle	Direction

MUD DATA

Cia	MI	DRLG.	FLUID	Type	FLO-DRILL
WT	FVisc	PV	YP	PM	PF
9.0	50	15	16	0.4	0.3
Chlor	Calc	Filt	K	Solids	
21000	80	8.2	22.0	3	

MUD PUMP

GPM	
PSI	

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily				24.00			
Cumulative	108.00	70.50		153.00	.50		28.00

COMMENTS

W.O. CEMENT ; WELDED 13 5/8" CASING HEAD ; N/U BOP'S ; CUT 120' OF DRILLING LINE ; MAKING NEW BELL NIPPLE & INSTALLED SAME.

00:00 TO 06:00 : MADE NEW FLOW LINE & WELDING SAME.

Last Modification : 02-AUG-02 07:55 AM

Daily Footage

Monthly Cumul :

Yearly Cumul : 39,660

SDR009A1.RDF

Post-it[®] Transmisión por Fax 7671		FECHA DATE	02/08/02	N° DE PAGINAS/ # OF PAGES	01
PARA/TO	Pedro Touzet				
DE/FROM	Pedro Alvarán				
COMPANIA/CO.					
DEPARTAMENTO/DEPT.					
FAX					

DAILY DRILLING REPORT

Date: 01-AUG-2002

Locate: OFFSHORE		Well: LO16-26		Rig: PEPESA-48	
Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$) 88,322	Cum. Cost(\$) 360,837	Estimated depth 8,470
					Estimated Days 23

DRILLING DATA

Depth at 24:00 2000

Drig. Days 8 3/4

Footage 24:00 0

Days on Well 10

Days on Loc. 14

Drig. AHD(BHD) (1 3/4)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
4	17"	GTX-C1	3x20 1x18	30	60	2000	825	32

SURVEYS

M.D.	Angle	Direction

MUD DATA

Cia	MI DRLG. FLUID				Type	FLO-DRILL				
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids
9.3	46	13	22	0.4	0.12	11000	160	9.5	9.5	4

MUD PUMP

GPM	656
PSI	2500

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily	 	 	 	24.00	 	 	
Cumulative	108.00	70.50	 	129.00	.50	 	28.00

COMMENTS

P/U KELLY & RIH CIRCULATING TO BOTTOM ; CIRCULATED & CONDITIONED MUD ; POOH - OK ; RAN 13 3/8" CASING TO 2000' ; CIRCULATED ; BJ CEMENTING.

00:00 TO 06:00 : FINISHED CEMENTING ; W.O. CEMENT ; PREPARING TO WELD CASING HEAD.

NOTE : CEMENTING JOB : 1ST. SLURRY 275 BBLs. OF 13.5 PPG.; 2ND. SLURRY 140 BBLs. OF 15.6 PPG. ; DISPLACED W/ 302 BBLs. OF MUD - VALVE WORKED , OK.

Last Modification : 01-AUG-02 08:25 AM

Daily Footage : 0

Monthly Cumul : 2,000

Yearly Cumul : 39,660

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 31-JUL-2002

Locate:	OFFSHORE	Well:	LO16-26	Rig:	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	24,454	272,515	8,470	23

DRILLING DATA

Depth at 24:00	2000	Footage 24:00	422	Days on Loc.	13
Drig. Days	7 3/4	Days on Well	9	Drig. AHD(BHD	(1 3/4)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
4	17"	GTX-C1	3x20 1x18	30	60	2000	825	32

SURVEYS

M.D.	Angle	Direction
1853	59.5	N 41.5 W
1758	59.6	N 42.2 W
1664	56.6	N 41.8 W

MUD DATA

Cia	MI DRLG. FLUID					Type	FLO-DRILL			
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids
9.5	60	18	28	0.3	0.1	13000	300	9.0	10,1	7

MUD PUMP

GPM	656
PSI	2500

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		14.50		9.50			
Cumulative	108.00	70.50		105.00	.50		28.00

COMMENTS

DRILLED (SLIDING & ROTATING) FROM 1600' TO 2000' (CASING POINT) ; CIRC. & POOH W/ KELLY AT 1411'

00:00 TO 06:00 : CONTINUED POOH W/ KELLY TO 1121' ; FINISHED POOH IN STANDS (BIT CAME OUT PACKAGE) ; RIH W/ SAME BIT & NEAR BIT TAG AT 1439' ; AT REPORT TIME MAKING UP KELLY.

NOTE : CHROMOTOGRAPH OUT OF ORDERS.

Last Modification : 31-JUL-02 08:29 AM

Daily Footage 422

Monthly Cumul :2,000

Yearly Cumul : 39,660

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 30-JUL-2002

Locate:	OFFSHORE	Well :	LO16-26	Rig :	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	37,541	248,061	8,470	23

DRILLING DATA

Depth at 24:00	1578	Footage 24:00	403	Days on Loc.	12
Drlg. Days	6 3/4	Days on Well	8	Drlg. AHD(BHD	(1 1/2)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
4	17"	GTX-C1	3x18 1x16	25	50/PP	1578	403	17.5

SURVEYS

M.D.	Angle	Direction
1510	49.7	N 37.7 W
1447	46.7	N 37.4 W
1384	44.2	N 37.8 W

MUD DATA

Cia	MI DRLG. FLUID					Type	FLO DRILL			
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids
9.5	48	17	22	0.4	0.1	17000	200	8.2	12,0	6

MUD PUMP

GPM	644
PSI	2350

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		17.50		6.50			
Cumulative	108.00	70.50		105.00	.50		28.00

COMMENTS

CONTINUED DRILLING (SLIDING & ROTATING) FROM 1210' TO 1578' ; POH TO CHANGE JETS

00:00 TO 06:00 : FINISHED POOH ; CHANGED JETS AND RIH TAG AT 1535' ; WASHED TO BOTTOM (1578') ; DRILLING (SLIDING & ROTATING) AT 1600'.

NOTE : CHROMATOGRAPH OUT OF ORDER SINCE 15:00 HRS.

Last Modification : 31-JUL-02 08:48 AM

Daily Footage 403

Monthly Cumul : 1,578

Yearly Cumul : 39,238

SDR009A1.RDF

Well File
GEOSCIENCES

DAILY DRILLING REPORT

Date: 29-JUL-2002

Locate: OFFSHORE			Well: LO16-26			Rig: PEPESA-48		
Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$) 25,679	Cum. Cost(\$) 210,520	Estimated depth 8,470	Estimated Days 23		

DRILLING DATA								
Depth at 24:00	1175	Footage 24:00	418	Days on Loc.	11			
Drig. Days	5 3/4	Days on Well	7	Drig. AHD(BHD)	(1)			

BIT DATA								
N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
3RR	17"	GTX-C1	3x18 1x16	15	50/PP	1175'	418	20

SURVEYS												MUD DATA												MUD PUMP	
M.D.	Angle	Direction	Cia MI DRLG. FLUID										Type FLO DRILL		GPM	614									
983	19.70	N 11.4 W	WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	PSI	1450										
889	13.20	N 8.9 W	9.3	44	16	21	0.3	0.08	17000	260	7.5	14.0	5.0												
747	5.00	N 75.2 W																							

TIME BREAKDOWN							
	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		20.00		4.00			
Cumulative	108.00	70.50		105.00	.50		28.00

COMMENTS
 DRILLED (SLIDING AND ROTATING) FROM 866' TO 1175'; CIRCULATED; POOH TO CHANGE BIT AND MUD MOTOR 9 5/8" (5/6) BY 8" (7/8)
 00:00 TO 06:00 : RIH TO 1155'; WASHED TO BOTTOM; DRILLING AT 1210'

Last Modification : 31-JUL-02 08:51 AM

Daily Footage : 418

Monthly Cumul : 1,175

Yearly Cumul : 38,835

SDR009A1.RDF

Well File
GEOSCIENCES

DAILY DRILLING REPORT

Date: 28-JUL-2002

Locate: OFFSHORE		Well: LO16-26		Rig: PEPESA-48	
Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$) 22,047	Cum. Cost(\$) 184,841	Estimated depth 8,470
					Estimated Days 23

DRILLING DATA

Depth at 24:00	757	Footage 24:00	62	Days on Loc.	10
Drig. Days	4 3/4	Days on Well	6	Drig. AHD(BHD)	(1)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
3RR	17"	GTX-C1	3x18 1x16	12	70	705	10	1
3RR	17"	GTX-C1	3x18 1x16	15	M/M/	757	52	3

SURVEYS

M.D.	Angle	Direction

MUD DATA

Cia	MI	DRLG.	FLUID	Type	FLO DRILL
WT	FVisc	PV	YP	PM	PF
8.7	48	12	15	0.4	0.06
Chlor	Calc	Filt	K	Solids	
15000	280	8.0		3.0	

MUD PUMP

GPM	644
PSI	1200

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		4.00		8.00			12.00
Cumulative	108.00	70.50		105.00	.50		28.00

COMMENTS

MADE TWO TRIPS W/ MAGNET AND RECOVERED 2 KG OF JUNK; RIH W/ 17" BIT ASSY; DRILLED TO 700' (HIGH TORQ); POOH; MADE TWO TRIPS W/ MAGNET AND RECOVERD 1.5 KG OF JUNK; RIH W/ 17" BIT ASSY; DRILLED TO 705', OK.; POOH; M/U MUD MOTOR AND RIH TAG AT 695'; WORKED STRING AND DRILLED (SLIDING AND ROTATING) TO 757'

00:00 TO 06:00 : DRILLING (ROTATING AND SLIDING) AT 866' (ROP 22 FT/HR)

Last Modification : 31-JUL-02 08:52 AM

Daily Footage : 62

Monthly Cumul : 757

Yearly Cumul : 38,417

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 27-JUL-2002

Locate: OFFSHORE		Well: LO16-26		Rig: PEPESA-48	
Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$) 18,694	Cum. Cost(\$) 162,794	Estimated depth 8,470
					Estimated Days 23

DRILLING DATA

Depth at 24:00 695	Footage 24:00 10	Days on Loc. 9
Drlg. Days 3 3/4	Days on Well 5	Drlg. AHD(BHD)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
3RR	17"	GTX-C1	3x18 1x16	15	M/M	695	10	2.5

SURVEYS

M.D.	Angle	Direction

MUD DATA

Cia	MI	DRLG.	FLUID	Type	FLO DRILL
WT	FVisc	PV	YP	PM	PF
8.6	42	10	16	0.45	0.1
Chlor	Calc	Filt	K	Solids	
15000	160	9.0		3.0	

MUD PUMP

GPM	595
PSI	950

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		2.50		8.50			13.00
Cumulative	108.00	70.50		105.00	.50		28.00

COMMENTS

MADE TWO TRIPS W/ JUNK BASKET (RECOVERED 3 KG. OF JUNK); RIH W/ MUD MOTOR TO 688';
 DRILLED TO 695' (HIGH TORQ); POOH TO CHECK 17" BIT; MADE TRIP W/ MAGNET

00:00 TO 06:00 : RECOVERED 11.5 KG. OF JUNK IN 6 RUNS (TOTAL RECOVERED 18 KG. OF JUNK);
 RIH W/ 17" BIT TO CLEAN BOTTOM (HIGH TORQ); AT REPORT TIME PREPARING TO TRIP W/ MAGNET

Last Modification : 31-JUL-02 08:53 AM

Daily Footage : 10

Monthly Cumul : 695

Yearly Cumul : 38,355

SDR009A1.RDF

Post-it[™] Transmisión por Fax 7671		FECHA/ DATE 31/07/02	N° DE PAGINAS/ # OF PAGES 05
PARA/TO	Pedro Souzett	DE/FROM	Pedro Alencón
COMPANIA/CO.		COMPANIA/CO.	
DEPARTAMENTO/DEPT.		TELEFONO/PHONE #	
FAX		FAX	

DAILY DRILLING REPORT

Date: 26-JUL-2002

Locate:	OFFSHORE	Well :	LO16-26	Rig :	PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	23,619	144,100	8,470	23

DRILLING DATA

Depth at 24:00	685	Footage 24:00	115	Days on Loc.	8
Drlg. Days	2 3/4	Days on Well	4	Drlg. AHD(BHD)	1

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
2RR	17"	GTX-C1	4 x 14	10	80	580	10	0.5
3RR	17"	GTX-C1	3x18 1x16	15	M/M	685	105	7.5

SURVEYS

M.D.	Angle	Direction
685.00	3.50	
658.70	3.20	
648.10	3.10	

MUD DATA

Cia											MI	DRLG.		FLUID		Type		FLO DRILL			GPM	595
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	PSI	950										
8.6	41	10	14	0.85	0.35	15500	120	9.0		3.0												

MUD PUMP

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		8.00		12.50	.50		3.00
Cumulative	108.00	12.00		68.50	.50		3.00

COMMENTS

FINISHED RIH W/ MUD MOTOR TO 580'; DRILLED TO 685' (LAST 5' W/ HIGH TORQ); POOH TO CHECK BIT, OK.; MADE TRIP W/ MAGNET, RECOVERED 1.5 KG. OF JUNK; RIH BIT W/ JUNK BASKET

00:00 TO 06:00 : CONTINUE RIH TO BOTTOM (685'); TOOK SURVEY; DRILLED TO 688' W/ HIGH TORQ; POOH; MADE TWO TRIPS W/ MAGNET AND RECOVERED 1.5 KG. OF JUNK; PREPARING TO RIH BIT W/ JUNK BASKET

Last Modification : 26-JUL-02 08:18 AM

Daily Footage 115

Monthly Cumul : 685

Yearly Cumul : 38,345

SDR009A1.RDF

Well File
GEOSCIENCES

DAILY DRILLING REPORT

Date: 25-JUL-2002

Locate: OFFSHORE	Well: LO16-26	Rig: PEPESA-48
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Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth	Estimated Days
61.25	N-49.59-W	1,260,485	27,999	120,481	8,470	23

DRILLING DATA

Depth at 24:00	570	Footage 24:00		Days on Loc.	7
Drlg. Days	1 3/4	Days on Well	3	Drlg. AHD(BHD)	1/4

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
2RR	17"	GTX-C1	4x14	-	-	-	-	-

SURVEYS

M.D.	Angle	Direction

MUD DATA

PROD DATA

Cia	MI	DRLG.	FLUID	Type	BENT-POLYMER					
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids
8.6	47	8	16	0.35	0.13	14500	160	10.0		4.0

MUD PUMP

GPM	
PSI	

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily				24.00			
Cumulative	108.00	4.00		56.00			

COMMENTS

CEMENTED CONDUCTOR W/ 250 SX OF CEMENT; W.O.C.; RIH SLICK ASSY TAG AT 533' (CEMENT TOP); DRILLED OUT CEMENT TO 570'

00:00 TO 06:00 : DISPLACED WATER BY MUD; DRILLED FORMATION TO 580'; POOH W/ SLICK ASSY; M/U MUD MOTOR AND RIH W/ MONELS

Last Modification : 25-JUL-02 08:19 AM

Daily Footage

Monthly Cumul : 570

Yearly Cumul : 38,230

SDR009A1.RDF

Well File
GEOSCIENCES

DAILY DRILLING REPORT

Date: 24-JUL-2002

Locate: OFFSHORE	Well : LO16-26	Rig : PEPESA-48
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Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$ 19,526	Cum. Cost(\$) 92,482	Estimated depth 8,470	Estimated Days 23
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DRILLING DATA

Depth at 24:00 570	Footage 24:00 570	Days on Loc. 6
Drlg. Days 3/4	Days on Well 2	Drlg. AHD(BHD) 1/4

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
1RR	17"	GTX-C1	3x14 1x16	8-10	120	570	211	4
2RR	17"	GTX-C1	3x14	6-8	60-70	REAM	-	-

SURVEYS

M.D.	Angle	Direction
570	1	

MUD DATA

MUD DATA											MUD DATA	
Cia	MI DRLG. FLUID			Type		SEA WATER			GPM	512		
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	PSI	1300

MUD PUMP

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		4.00		20.00			
Cumulative	108.00	4.00		32.00			

COMMENTS

DRILLED FROM 450' TO 570' W/ LOST CIRCULATION; POOH W/ 17" BIT; RIH UNDERREAMER W/ 17" BIT TO 415'; UNDERREAMED HOLE FROM 415' TO 570' W/ LOST CIRCULATION; POOH; RAN 18" CONDUCTOR TO 570'; FASTENED CONDUCTOR AT ITS BASE; WELDED FLANGE ON CONDUCTOR

00:00 TO 06:00 : N/U 21 1/4" BOP's; RIH W/ OPENED END DRILL PIPE TO 570'; CIRCULATING TO CEMENT CONDUCTOR

Last Modification : 24-JUL-02 08:35 AM

Daily Footage 570

Monthly Cumul : 570

Yearly Cumul : 38,230

SDR009A1 . RDF

Well File
GEOSCIENCES

KB: 50'
WB: 309'

DAILY DRILLING REPORT

Date: 23-JUL-2002

Locate: OFFSHORE		Well: LO16-26		Rig: PEPESA-48	
Est.Max. Angle 61.25	Estimated Ditection N-49.59-W	Estimated Cost(\$) 1,260,485	Daily Cost (\$ 21,786	Cum. Cost(\$) 72,956	Estimated depth 8,470
					Estimated Days 23

DRILLING DATA

Depth at 24:00	Footage 24:00	Days on Loc.
Drlg. Days	Days on Well	Drlg. AHD(BHD)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
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SURVEYS

M.D.	Angle	Direction
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MUD DATA

Cia	Type									
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids

MUD PUMP

GPM	PSI
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TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily	12.00			12.00			
Cumulative	108.00			12.00			

COMMENTS

RIGGED UP; WELDED CONDUCTOR SHOE; RAN CONDUCTOR TO 388'; WELDED CONDUCTOR BASE ON 1st. DECK

00:00 TO 06:00 : RIH SLICK ASSY W/ 17" BIT TO 388'; DRILLED TO 415' AND PENETRATED CONDUCTOR TO 408'; FASTENED CONDUCTOR AT ITS BASE; DRILLING AT 450'

Last Modification : 23-JUL-02 08:33 AM

Daily Footage

Monthly Cumul :

Yearly Cumul : 37,660

SDR009A1.RDF