

Well Name:	AEC (WEST) REN CARCAJOU O-47			Report Date	Mar 25, 2000	DFS	5
Operations (2400)	Rig released.			Depth	760	EST. TD	775
Operations (2400)				Progress	0		
Contractor Rig	Akita #14	Weather	- 25 Clear.	Accident	No	Well Control	
Tool Push	Mel Zerr	Phone	(600)700-4391	Sump Vol	170	Hole Vol	
Supervisor	ALLAN ANGER	Phone	(600)700-3201	Sump FBD	1	Tank Vol	
Daily Cost	\$70,500.00	Daily Mud Cost	\$500.00	Max Csg		Btm Up	
Cum Cost	\$751,332.39	Cum Mud Cost	\$6,108.05	Csg Shoe	463.00	Circ Time	
AFE Number	5000048	AFE Cost	\$919,500.00	BOP Drill	Mar 22, 2000		
				Mud Company	Mud King		

Bit Data

Bit No	Size	Type	Serial	Jets	From	To	m	Hrs	ROP	Cum Hrs	Cond

Drilling Parameters

m ³ /Stroke	SPM 1	SPM 2	P Press	WOB	RPM	STR WT	Jars/Hrs	Shock/Hrs	DP Vel	DC Vel	Noz Vel	m ³ /Min

Time Breakdown

Start	End	Event	Dur	Comments
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Survey Data

Mud Data

Additives	Properties
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Mud Engineer 1

Bottom Hole Assembly

Name	Jnt #	ID (mm)	OD (mm)	Length (m)	Thread Type	Thread Size
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Solids Control

Item	UF	OF	I/Min	Hrs
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24 Hour Summary

Total Length .00

Remarks

Complete logging w/ Schlumberger. Lay down d.p. Run & cement 64 jts 114mm prod casing. Lift B.O.P's. Cut casing & run 10 meter cement plug in top of 114mm casing. Take off casing bowl. Tear out rig etc. Rig released 2000-03-25-13:00 hrs. Trucks ordered for 14:00 hrs to begin rig move into Norman Wells. 7 rig loads moved into rack site today.

2000-03-26: Remainder of rig moved to rack site. Camp left in place for completions dept.

Cementing Report - Alberta Energy Company Ltd.

Location	AEC (WEST) REN CARCAJOU O-47	Drilling Supervisor	Allan Anger
String Type	Production	Casing Bowl	Cameron, 279, 21000

Elevations

KB Elev	GL Elev (m)	KB to SCF (m)	TD (mKB)	PBTD (mKB)	Stage Tool Depth (mKB)	Liner Top (mKB)
61.30	57.20	3.60	760.00	747.000		

Casing and Equipment as run from bottom up

Size OD	Weight	Grade	Thread	# Joints	Length (m)	From (mKB)	To (mKB)	Remarks
114.30	14.14	J55	ST&C		.20	760.00	759.80	Guide shoe.
114.30	14.14	J55	ST&C	1	12.04	759.80	747.76	
114.30	14.14	J55	ST&C		.44	747.76	747.32	Float collar.
114.30	14.14	J55	ST&C	63	752.82	747.32	-5.50	

Tally Total 765.50 Casing landed at 760.00

Scratchers and Centralizers

Type	Interval		Number Used	Frequency
	From (mKB)	To (mKB)		
Centralizers	6.00	750.00	17	43

Mud Properties

Stage 1 - Production

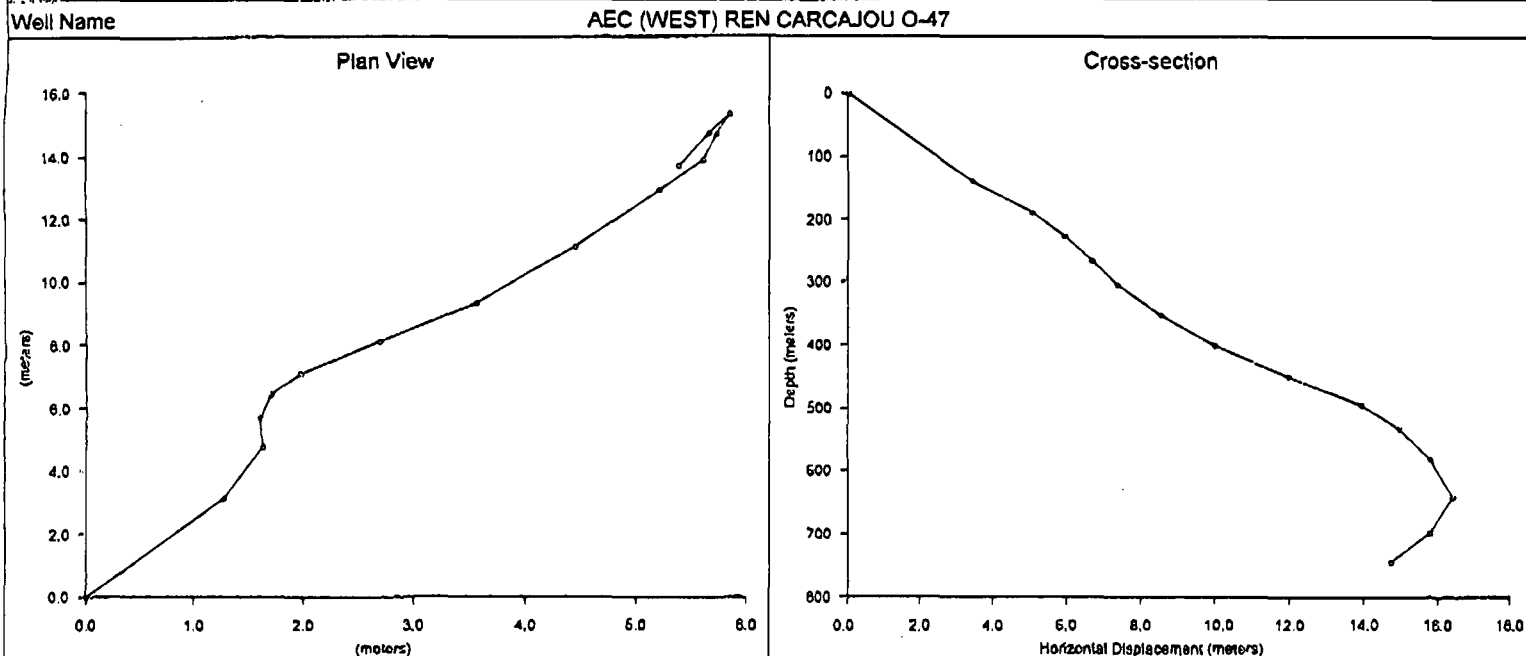
Preflush Type	CW / 100	Plug Data	
Preflush Volume	3.00	Type	Rubber
Reciprocate/Rotate	Reciprocate	Top	YES
Reciprocate Length	5.00	Bottom	YES
Reciprocate Stroke Rate	5.00	Closing Dart	
Rotate (rpm)	.00	Bumped	
Return Type	Cement	Return Volume (m³)	3.00

Slurry Data

Cement Blend		Interval		Quantity	Excess	Slurry	Density	Est.	AEUB
Type	Additives	From (mKB)	To (mKB)	(tonnes)	(%)	Volume (m³)	(kg/m³)	Tops	Tops
RFC	0.9%B139 & 0.2%D46	.00	760.00	12.00	70	11.00	1740.00	.00	.00

Event Times

Operation	Start Time	Finish Time	Elapsed Time	Volume (m³)	Rate (m³/min)	Pressure (MPa)	
						Max	Min
Run Casing	03/25/2000 01:00:00	03/25/2000 04:15:00	3:15		.00	.00	.00
Circulate casing	03/25/2000 04:15:00	03/25/2000 06:00:00	1:45		.00	.00	.00
Mix Cement	03/25/2000 06:11:00	03/25/2000 06:30:00	0:19	11	.58	2.60	.00
Displace Plug	03/25/2000 06:38:00	03/25/2000 07:06:00	0:28	6.4	.21	11.10	.00



Depth	Inclination	Corrected Direction	TVD	Interval	Dogleg degree per 30M	+N/-S	+E/-W	Total +N/-S	Total +E/-W	Total Vertical Section	Final Direction
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
139.80	2.80	21.80	139.78	139.80	.60	3.17	1.27	3.17	1.27	3.41	.00
188.30	1.20	350.80	188.23	48.50	1.16	1.60	.36	4.77	1.63	5.04	18.83
227.00	1.60	4.20	226.92	38.70	.40	.94	-.03	5.71	1.60	5.93	15.67
265.80	.60	16.10	265.71	38.80	.79	.74	.10	6.45	1.70	6.67	14.75
304.50	1.50	25.30	304.40	38.70	.71	.65	.27	7.10	1.97	7.37	15.51
353.00	1.50	44.30	352.89	48.50	.31	1.03	.71	8.13	2.68	8.56	18.28
401.30	2.10	28.80	401.16	48.30	.48	1.23	.87	9.35	3.55	10.01	20.80
451.00	2.50	24.60	450.82	49.70	.26	1.78	.89	11.14	4.44	11.99	21.75
495.70	2.50	21.10	495.48	44.70	.10	1.80	.76	12.93	5.20	13.94	21.90
534.60	.60	28.80	534.37	38.90	1.47	.97	.40	13.90	5.60	14.99	21.95
583.00	1.50	359.30	582.76	48.40	.63	.86	.11	14.76	5.72	15.83	21.17
641.10	.40	140.60	640.85	58.10	.94	.60	.12	15.36	5.84	16.43	20.80
699.10	1.10	215.10	698.85	58.00	.55	-.61	-.19	14.75	5.65	15.79	20.94
747.00	1.60	180.20	746.73	47.90	.59	-1.04	-.27	13.71	5.38	14.72	21.43

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Post # 4671E Date # of pages

To LEAHSA FISHER From WENDY

Co./Dept. RENAISSANCE Co. AEC

Phone # 750-1807 Phone # 261-2455

Fax # 750-1865 Fax # 716-2455

CONFIDENTIAL

Post # 4671E Date # of pages

To ANDY GRAW From SOREN CHRISTIANSEN

Co./Dept. NEB Co. AEC

Phone # Phone # 261-2464

Fax # 292-5876 Fax # 716-2455

MAR 27 '00 07:45AM AEC

P.2/10P.2/10

Well Name:	AEC (WEST) REN CARCAJOU O-47				Report Date	Mar 24, 2000	DFS	4	
					Depth	760	EST. TD	775	
Operations (2400)	Logging w/ Schlumberger.				Progress	48			
Operations (0000)	Lift B.O.P's to cut casing.				Well Control				
Contractor Ref.	Akita #14	Weather	- 20 Clear.	Accident	No	Sump Vol.	120	Hole Vol	17.00
Tool Push	Mei Zerr	Phone	(600)700-4391			Sump FBD	1.5	Tank Vol	16.00
Supervisor	ALLAN ANGER	Phone	(600)700-3201			Max Csg.	3339.00	Btm Up	13.00
Daily Cost	\$63,929.30	Daily Mud Cost	\$1,329.30			Csg Shoes	463.00	Circ Time	34.00
Cum Cost	\$680,832.39	Cum Mud Cost	\$5,608.05			BOP Drill	Mar 22, 2000		
AFE Number	5000048	AFE Cost	\$919,500.00			Mud Company	Mud King		

Bit Data

Bit No	Size	Type	Serial	Jets	From	To	m	Hrs	ROP	Cum.Hrs	Cond
2	55.6	XR20TP	LX2708		465.00	760.00	295.00	46.00	6.41	63.75	5-5-WT-A-E-I-TD

Drilling Parameters:

m/Stroke	SPM 1	SPM 2	P.Press	WOB	RPM	STR WT	Jars/Hrs	Shock/Hrs	DP Vel	DC Vel	Noz Vel	m ³ /Min
0.0104	90		8300	11000	140/40	28000			85	-1591	0	0.94

Time Breakdown

Start	End	Event	Dur	Comments
02:00	02:00	Drilling	2.00	
02:00	02:15	Rig Service	0.25	
02:15	09:00	Drilling	6.75	
09:00	09:15	Rig Service	0.25	
09:15	09:30	Accumulated surveys	0.25	
09:30	11:00	Circulate	1.50	
11:00	13:15	Wiper trip	2.25	To shoe.
13:15	13:45	Circulate	0.50	
13:45	15:45	Hoist to log	2.00	
15:45	16:30	Handle tools	0.75	Lay down dir. tools.
16:30		Logging	7.50	

Survey Data

747.0 m, 1.60 deg, 180.20 Az

Mud Data

Additives	Properties
Cal Lignosul	4 Ca. 20
Keizan XCD	1 Chlorides 380
Mud Engineer	1 Density 1115
Wyoming Gel	9 Fann 800/300 7 / 50
	Filter Cake 1.5
	Filtrate 9.2
	Gels 10s/10m 0 / 21
	Low Gravity 192
	Pf/Mf 2 / 0.9
	Ph 9.0
	Pv/Yp 1 / 11.5
	Solids 7.0%
	Viscosity 64

Bottom Hole Assembly

Name	Jnt #	ID (mm)	OD (mm)	Length (m)	Thread Type	Thread Size
Bit.	1		156	.25	Reg	89
4.75 motor, 7/8, 2.2 @ 1.5	1		121	5.51	IF	89
Float sub.	1	53	119	.88	IF	89
UBHO sub.	1	59	120	.66	IF	89
Monal d.c's.	2	58	121	18.95	IF	89
Drill collars.	20	58	121	189.74	IF	89
X/O sub.	1	58	121	.47	FH	89

Solids Control

Item	UF	OF	I/Min	Hrs
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24 Hour Summary | Drill to TD. Logging.

Total Length | 216.46

Remarks

Drill from 712m to 760m T.D. Circ. Wiper trip to 450m. Circ. Hoist to log, lay down drill collars & directional tools. Rig to & log w/ Schlumberger. Run #1: DLL-LDT-CNL-MSFL-DAC-GR. Run #2: BHCS-GR-DAC.
 Note: D-07 is abandoned, with a 10 meter cement cap, all casing strings capped with 1/2" plate 1.5 meters below grd level & sign post installed.
 00:00-08:00: Complete logging. Lay down d.p. Run & cement 64 jts 114mm prod casing to 760m. Lift B.O.P's to cut Casing.

Well Name:	AEC (WEST) REN CARCAJOU O-47		Report Date	Mar 23, 2000	DFS	3
Operations (2400)	Drilling at 712 meters.		Depth	712	EST. TD	775
Operations (0800)	Drilling at 752 meters.		Progress	146	Well Control	
Contractor Rig	Akila #14	Weather	-3 Clear.	Accident	No	
Tool Push	Mel Zerr	Phone	(600)700-4391	Sump Vol	80	Hole Vol
Supervisor	ALLAN ANGER	Phone	(600)700-3201	Sump FBD	2	Tank Vol
Daily Cost	\$24,851.90	Daily Mud Cost	\$806.90	Max Csg	2975.00	8tm Up
Cum Cost	\$817,303.09	Cum Mud Cost	\$4,278.75	Csg Shoe	463.00	Circ Time
AFE Number	5000048	AFE Cost	\$919,500.00	BOP Drill	Mar 22, 2000	
				Mud Company	Mud King	

Bit Data

Bit No	Size	Type	Serial	Jets	From	To	m	Hrs	ROP	Cum Hrs	Cond
2	55.6	XR20TP	LX2708		465.00	712.00	247.00	37.25	6.53	55.00	Running

Drilling Parameters

m/Stroke	SPM 1	SPM 2	P Press	WOB	RPM	STR WT	Jars/Hrs	Shock/Hrs	DP Vel	DC Vel	Noz Vel	m/Min
0.0104	90		8300	11000	140/40	27000			85	-1591	0	0.94

Time Breakdown

Start	End	Event	Dur	Comments
01:00	01:00	Drilling	1.00	
01:00	01:15	Rig Service	0.25	
01:15	08:00	Drilling	6.75	
08:00	08:15	Rig Service	0.25	
08:15	16:00	Drilling	7.75	
16:00	16:15	Rig Service	0.25	
16:15	23:15	Drilling	7.00	
23:15		Accumulated surveys	0.75	

Survey Data

583.0 m, 1.50 deg, 359.30 Aza
 641.1 m, .40 deg, 140.60 Aza
 699.1 m, 1.10 deg, 215.10 Aza

Mud Data

Additives	Properties
Mud Engineer	1 Density
Percol 338	1 Filter Cake
Sawdust	10 Filtrate
Wyoming Gel	8 Gels10s/10m
	Low Gravity
	PI/Mf
	Pn
	Pv/Yp
	Solids
	Viscosity

Bottom Hole Assembly

Name	Unit #	ID (mm)	OD (mm)	Length (m)	Thread Type	Thread Size
Bit	1		156	.25	Reg	89
4.75 motor, 7/8, 2.2 @ 1.5	1		121	5.51	IF	89
Float sub.	1	53	119	.88	IF	89
UBHO sub.	1	59	120	.66	IF	89
Monel d.c.s.	2	58	121	18.95	IF	89
Drill collars	20	58	121	189.74	IF	89
X/O sub.	1	58	121	.47	FH	89

Solids Control

Item	UF	OF	I/Min	Hrs
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24 Hour Summary Drill from 566m to 712m.

Total Length 216.46

Remarks

Drill from 566m to 712m. Slide to correct deviation at 597-601m & 607-610m.
 Note: P-16 is abandoned, with a 10 meter cement cap, all csg strings capped with 1/2" plate 1.5 meters below grd level & sign post installed.
 5 loads misc to Norman Wells yesterday. Update on e-mail.

00:00-08:00: Drill from 712m to 752m.

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Post	CONFIDENTIAL	Date	# of pages
To	LEAHSA FISHER	From	WENDY
Co./Dept.	RENAISSANCE	Co.	AEC
Phone #	750-1807	Phone #	261-2455
Fax #	750-1865	Fax #	716-2455

Post	CONFIDENTIAL	Date	# of pages
To	ANDY GRAW	From	SOREN CHRISTIANSEN
Co./Dept.	NEB	Co.	AEC
Phone #		Phone #	261-2461
Fax #	272-5876	Fax #	716-2455

Well Name:	AEC (WEST) REN CARCAJOU O-47				Report Date	Mar 22, 2000	DFS	2	
					Depth	566	EST. YD	775	
Operations (2400)	Drilling at 566 meters.				Progress	101			
Operations (0)	Drilling at 630 meters.				Well Control				
Contractor Rig	Akita #14	Weather	-5 Clear.	Accident	No	Sump Vol	80	Hole Vol	13.00
Tool Push	Mel Zerr	Phone	(600)700-4391	Sump FBD	2	Tank Vol	15.00		
Supervisor	ALLAN ANGER	Phone	(600)700-3201	Max Csg	3520.00	Btm Up	10.00		
Daily Cost	\$46,962.75	Daily Mud Cost	\$1,387.75	Csg. Shoe	463.00	Circ Time	30.00		
Cum Cost	\$592,451.19	Cum Mud Cost	\$3,471.85	BOP Drill	Mar 22, 2000				
AFE Number	5000048	AFE Cost	\$919,500.00	Mud Company	Mud King				

Bit Data

Bit No	Size	Type	Serial	Jets	From	To	m	Hrs	ROP	Cum Hrs	Cond
2	55.6	XR20TP	LX2708		465.00	566.00	101.00	14.75	6.85	32.50	Running.

Drilling Parameters

m³/Stroke	SPM 1	SPM 2	P Press	WOB	RPM	STR WT	Jars/Hrs	Shock/Hrs	DP Vel	DC Vel	Noz Vel	m³/Min
0.0104	90		7700	10000	140/30	24000			85	-1591	0	0.94

Time Breakdown

Start	End	Event	Dur	Comments
	03:30	W.O.C.	3.50	
03:30	05:45	RIH	2.25	W/ directional tools.
05:45	06:30	Pressure Test	0.75	Casing.
06:30	08:00	Drill out cement	1.50	
08:00	08:15	B.O.P. drill	0.25	
08:15	16:00	Drilling	7.75	
16:00	16:15	Rig Service	0.25	
16:15	20:00	Drilling	3.75	
20:00	20:15	B.O.P. drill	0.25	
20:15	23:30	Drilling	3.25	
23:30		Accumulated surveys	0.50	

Survey Data

495.7 m, 2.50 deg, 21.10 Aza
534.6 m, .60 deg, 28.80 Aza

Mud Data

Additives	Properties
Enviro floc	16 Density 1060
Mud Engineer	1 Filter Cake 2.0
Soda Ash	8 Filtrate 16.0
Wyoming Gel	17 Gels 10s/10m 2 / 8
	Pf /Mf 2/2.2
	Ph 10.5
	Pv/Yp 1/3.5
	Viscosity 44

Bottom Hole Assembly

Name	Jnt #	ID (mm)	OD (mm)	Length (m)	Thread Type	Thread Size
Bit	1		156	.25	Reg	89
4.75 motor, 7/8, 2.2 @ 1.5	1		121	5.51	IF	89
Float sub.	1	53	119	.88	IF	89
UBHO sub.	1	59	120	.66	IF	89
Monel d.c's.	2	58	121	18.95	IF	89
Drill collars.	20	58	121	189.74	IF	89
X / O sub.	1	58	121	.47	FH	89

Solids Control

Item	UF	OF	l/Min	Hrs
Centrifuge	1900	1000	25	3

24 Hour Summary W.O.C., press test, drill out & drill 465m to 566m.

Total Length 216.46

Remarks

W.O.C. (Total 6 hrs). Back off landing jt. P/U directional tools, 20 d.c's & r.i.h. Press test pipe rams & casing to 1400 & 7000 kPa for 10 mins ea. Drill ahead from 465m to 566m. Slide to correct deviation at 489-494m, 499-503m & 510-513m.

00:00-08:00: Drill from 566m to 630m.

Well Name:	AEC (WEST) REN CARCAJOU O-47				Report Date	Mar 21, 2000	DFS	1	
					Depth	465	EST. TD	775	
Operations (2400)	W.O.C.				Progress	157			
Operation (2400)	Drill out cement.				Well Control				
Contractor	Akita #14	Weather	- 25 Clear.	Accident	No	Sump Vol	0	Hole Vol	30.00
Tool Push	Mel Zerr	Phone	(600)700-4391	Sump FBD		Tank Vol	60.00		
Supervisor	ALLAN ANGER	Phone	(600)700-3201	Max Csg	1045.00	Btm Up	20.00		
Daily Cost	\$336,241.65	Daily Mud Cost	\$961.65	Csg Shoe	126.00	Circ Time	75.00		
Cum Cost	\$545,488.44	Cum Mud Cost	\$2,084.10	BOP Drill	Mar 20, 2000				
AFE Number	5000048	AFE Cost	\$919,500.00	Mud Company	Mud King				

Bit Data

Bit No	Size	Type	Serial	Jets	From	To	m	Hrs	ROP	Cum Hrs	Cond
1	222	SS66Lr.	62520A	12.7	12.7	12.7	126.00	465.00	339.00	17.75	10 % wear.

Drilling Parameters

m/Stroke	SPM 1	SPM 2	P Press	WOB	RPM	STR Wt	Jars/Hrs	Shock/Hrs	DP Vel	DC Vel	Noz Vel	m/Min
0.0104	120		5000	7000	100/50	22000			41	65	55	1.25

Time Breakdown

Start	End	Event	Dur	Comments
	00:15	Rig Service	0.25	
00:15	00:30	B.O.P. drill	0.25	
00:30	07:45	Drilling	7.25	
07:45	08:00	Accumulated surveys	0.25	
08:00	08:15	Rig Service	0.25	
08:15	11:30	Drilling	3.25	To 454m.
11:30	12:15	Circulate	0.75	
12:15	13:45	Wiper trip	1.50	To 126m.
13:45	14:30	Drilling	0.75	
14:30	14:45	Accumulated surveys	0.25	
14:45	15:15	Circulate	0.50	
15:15	16:30	P.O.O.H	1.25	Lay down 158mm d.c.s.
16:30	17:30	Handle tools	1.00	Lay down directional tools.
17:30	19:45	Run casing	2.25	37 jts. 177.8mm.
19:45	20:30	Circulate casing	0.75	
20:30	21:30	Cement casing	1.00	
21:30		W.O.C.	2.50	

Survey Data

353.0 m, 1.50 deg, 44.30 Aza
401.3 m, 2.10 deg, 28.80 Aza
451.0 m, 2.50 deg, 24.60 Aza

Mud Data

Additives	Properties
Enviro floc	4 Ca. 1200
Gypsum	1 Chlorides 450
Lime	2 Density 1000
Mud Engineer	1 Ph 10.0
Soda Ash	3 Viscosity 28
Wyoming Gel	22

Bottom Hole Assembly

Name	Jnt #	ID (mm)	OD (mm)	Length (m)	Thread Type	Thread Size
PDC "SS66L" bit.	1		222	.25	Reg	114
6.75 Motor, 7/8 3.0 @ 1.50	1		193	7.06	H90	114
Float sub.	1	75	165	.77	H90	114
UBHO sub.	1	72	161	.63	H90	114
Monel d.c.	1	72	170	9.21	H90	114
X/O sub.	1	69	171	.62	XH	114
Drill collars.	7	70	155	64.83	XH	114
X/O	1	65	160	.92	FH	101

Solids Control

Item	UF	OF	l/Min	Hrs
Centrifuge	1900	1000	25	12

24 Hour Summary	Drill, wiper trip, drill, run and cement 177.8mm intermediate casing.	Total Length	84.29
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Remarks

Drill from 308m to 454m. Slide to correct deviation at 338-342m & 406-408m. Stopped attempting to slide due to P-rate down to 1m/hr when sliding. Wiper trip to casing shoe @ 126m. Drill to 465m. Hoist to run casing & lay down 155mm d.c.s. Pumped hl vis sweeps before trips. Prejob safety meet & run 37 jts 177.8mm casing to 463m. Circ casing. Cement casing w/ 10t RFC & 2.0 m3 cement returns @ surf. W.O.C.
 00:00-08:00: W.O.C. (Total 6 hrs). Back off land jt. P/U dir tools & 20 d.c.s. R.I.H. Press test casing to 1400 & 7000 kPa. Drill out.

Location	AEC (WEST) REN CARCAJOU O-47	Drilling Supervisor	Allan Anger
String Type	Intermediate #1	Casing Bowl	Cameron, 279, 21000

Elevations

KB E	GL Elev (m)	KB to SCF (m)	TD (mKB)	PBTD (mKB)	Stage Tool Depth (mKB)	Liner Top (mKB)
61.00	57.20	3.60	465.00	450.000		

Casing and Equipment as run from bottom up

Size OD	Weight	Grade	Thread	# Joints	Length (m)	From (mKB)	To (mKB)	Remarks
177.80	34.20	J55	ST&C		.30	463.00	462.70	Float shoe.
177.80	34.20	J55	ST&C	1	12.36	462.70	450.34	
177.80	34.20	J55	ST&C		.30	450.34	450.04	Float collar.
177.80	34.20	J55	ST&C	36	450.72	450.04	-68	

Tally Total 463.68 Casing landed at 463.00

Scratchers and Centralizers

Type	Interval	Number Used	Frequency
	From (mKB) To (mKB)		
Centralizers	458.00 17.00	11	40

Mud Properties

Ca.	1400	Density	1000	Ph	11.0	Viscosity	28

Stage 1 - Intermediate

Preflush Type	Water	Plug Data
Preflush Volume	.50	Type Rubber
Reciprocate/Rotate	Reciprocate	Top YES
Reciprocate Length	5.00	Bottom YES
Reciprocate Stroke Rate	5.00	Closing Dart
Rotate (rpm)	.00	Bumped YES
Return Type	Cement	Return Volume (m³) 2.00

Slurry Data

Cement Blend	Interval	Quantity	Excess	Slurry	Density	Est.	AEUB
Type Additives	From (mKB) To (mKB)	(tonnes)	(%)	Volume (m³)	(kg/m³)	Tops	Tops
RFC	0.9%B139, 1.0%CaCl2 & 0.2%D46	463.00 .00	10.90	70	10.00	1740.00	.00 .00

Event Times

Operation	Start Time	Finish Time	Elapsed Time	Volume (m³)	Rate (m³/min)	Pressure (MPa)
						Max Min
Run Casing	03/21/2000 17:30:00	03/21/2000 19:45:00	2:15		.00	.00 .00
Circulate casing	03/21/2000 19:45:00	03/21/2000 20:30:00	0:45		.00	.00 .00
Mix Cement	03/21/2000 20:50:00	03/21/2000 21:08:00	0:18	10	.56	.00 .00
Displace Plug	03/21/2000 21:10:00	03/21/2000 21:27:00	0:17	9.3	.53	.00 .00
WOC	03/21/2000 21:30:00	03/22/2000 03:30:00	6:00		.00	.00 .00

Drilling Report - Alberta Energy Company Ltd.

Page 1

Well Name:	AEC (WEST) REN CARCAJOU O-47										Report Date:	Mar 20, 2000	DFS:	0
Operations (2400):	Drilling 222mm hole at 308 meters.										Depth:	308	EST. TD:	775
Operations (0800):	Drilling at 412 meters.										Progress:	182		
Contractor Rig:	Akita #14	Weather:	- 15 O/C	Accident No:		Sump Vol:	0	Hole Vol:	22.00					
Tool Push:	Mel Zerr	Phone:	(600)700-4391	Sump Feq:		Max Csg:	1045.00	Tank Vol:	60.00					
Supervisor:	ALLAN ANGER	Phone:	(600)700-3201	Max Csg:	1045.00	Bit Up:	16.00							
Daily Cost:	\$65,122.45	Daily Mud Cost:	\$1,122.45	Csg Shpe:	126.00	C/O Time:	69.00							
Cum Gpsl:	\$209,246.79	Cum Mud Cost:	\$1,122.45	BOP Drill:	Mar 20, 2000									
AFE Number:	5000048	AFE Cost:	\$919,500.00	Mud Company:	Mud King									
Bit Data														
Bit No:	Size:	Type:	Serial:	Jets:	From:	To:	m:	Hrs:	ROP:	Cum Hrs:	Cond:			
1	222	SS66Lr.	62520A	12.7 12.7 12.7	125.00	308.00	182.00	6.50	28.00	6.50	Running.			
Drilling Parameters														
m/Stroke:	SPM 1:	SPM 2:	P. Press:	WOB:	RPM:	STR WT:	Jars/Hrs:	Shock/Hrs:	DP Vel:	DC Vel:	Noz Vel:	m/Min:		
0.0104	120		5000	5000	100/50	19000			41	65	55	1.25		
Time Breakdown:														
Start:	End:	Event:	Dur:	Comments:	Survey Data				Mud Data					
04:00	04:00	Nipple up BOP's	4.00		139.8 m, 2.80 deg, 21.80 Aza				Additives:					
04:00	08:00	Drill rathole	4.00		188.3 m, 1.20 deg, 350.80 Aza				Enviro floc					
08:00	11:00	Pressure Test	3.00		227.0 m, 1.60 deg, 4.20 Aza				Gypsum					
11:00	12:00	RIH	1.00	To 121m.	265.8 m, .60 deg, 16.10 Aza				Lime					
12:00	14:30	Pressure Test	2.50		304.5 m, 1.50 deg, 25.30 Aza				Mud Engineer					
14:30	14:45	Rig Service	0.25						Percol 338					
14:45	15:00	B.O.P. drill	0.25						Wyoming Gel					
15:00	16:30	Drill out cement	1.50											
16:30	16:45	Pressure Test	0.25	Form. integrity test.										
16:45	17:00	B.O.P. drill	0.25											
17:00	23:30	Drilling	6.50											
23:30		Accumulated surveys	0.50											
Bottom Hole Assembly														
Name:	Jnt #:	ID (mm):	OD (mm):	Length (m):	Thread Type:	Thread Size:								
PDC "SS66L" bit.	1		222	.25	Reg	114								
6.75 Motor, 7/8 3.0 @ 1.50	1		193	7.06	H90	114								
Float sub.	1	75	165	.77	H90	114								
UBHO sub.	1	72	161	.63	H90	114								
Monel d.c.	1	72	170	9.21	H90	114								
X / O sub.	1	69	171	.62	XH	114								
Drill collars.	7	70	155	64.83	XH	114								
Centrifuge	1	65	160	.92	FH	101								
Solids Control														
Item:	UF:	OF:	l/Min:	Hrs:										
Centrifuge	1900	1000	25	6										
24 Hour Summary														
Nipple up, drill rathole, press test, drill out, drill 222mm hole to 308m.										Total Length:				84.29
Remarks														
Screw on casing bowl & nipple up B.O.P's. Drill rathole. Press test blind rams, manifold valves & choke line. Motor kills. P/U directional tools & r.i.h. to cement at 121m. Complete press test stack, stack valves, Kelly cocks, inside b.o.p's & kill line. All press tests to 7000 kPa & 1400 kPa for 10 mins each. Accumulator drawdown good. Drill out cement & drill 2m hole. Run formation integrity test to 28 kPa / meter w/ no leak off. Drill to 308m. Slide to correct deviation at 154-159m, 164-168m, 251-255m, 261-265m. 00:00-08:00: Drill from 308m to 412m.														

Report Produced by WellPoint Systems Inc. 4.5

Well Name:	AEC (WEST) REN CARCAJOU O-47				Report Date	Mar 20, 2000	DFS	0	
					Depth	308	EST. TD	775	
Operations (2400)	Drilling 222mm hole at 308 meters.				Progress	182			
Operations (300)	Drilling at 412 meters.				Well Control				
Contractor	Akita #14	Weather	- 15 O/C	Accident	No	Sump Vol	0	Hole Vol	22.00
Tool Push	Mel Zerr	Phone	(600)700-4391	Sump FBD		Tank Vol	60.00		
Supervisor	ALLAN ANGER	Phone	(600)700-3201	Max Csg	1045.00	Btm Up	16.00		
Daily Cost	\$65,122.45	Daily Mud Cost	\$1,122.45	Csg Shoe	126.00	Circ Time	69.00		
Cum Cost	\$209,246.79	Cum Mud Cost	\$1,122.45	BOP Drill	Mar 20, 2000				
AFE Number	5000048	AFE Cost	\$919,500.00	Mud Company	Mud King				

Bit Data

Bit No	Size	Type	Serial	Jets			From	To	m	Hrs	ROP	Cum Hrs	Cond
1	222	SS66Lr.r.	62520A	12.7	12.7	12.7	126.00	308.00	182.00	6.50	28.00	6.50	Running.

Drilling Parameters

m ³ /Stroke	SPM 1	SPM 2	P Press	WOB	RPM	STR WT	Jars/Hrs	Shock/Hrs	DP Vel	DC Vel	Noz Vel	m ³ /Min
0.0104	120		5000	5000	100/50	19000			41	65	55	1.25

Time Breakdown

Start	End	Event	Dur	Comments
	04:00	Nipple up BOP's	4.00	
04:00	08:00	Drill rathole	4.00	
08:00	11:00	Pressure Test	3.00	
11:00	12:00	RIH	1.00	To 121m.
12:00	14:30	Pressure Test	2.50	
14:30	14:45	Rig Service	0.25	
14:45	15:00	B.O.P. drill	0.25	
15:00	16:30	Drill out cement	1.50	
16:30	16:45	Pressure Test	0.25	Form. integrity test.
16:45	17:00	B.O.P. drill	0.25	
17:00	23:30	Drilling	6.50	
23:30		Accumulated surveys	0.50	

Survey Data

139.8 m, 2.80 deg, 21.80 Aza
188.3 m, 1.20 deg, 350.80 Aza
227.0 m, 1.60 deg, 4.20 Aza
265.8 m, .60 deg, 16.10 Aza
304.5 m, 1.50 deg, 25.30 Aza

Mud Data

Additives	Properties
Enviro floc	9 Ca. 1400
Gypsum	5 Chlorides 480
Lime	1 Density 1000
Mud Engineer	1 Ph 11.0
Percol 338	1 Viscosity 28
Wyoming Gel	10

Bottom Hole Assembly

Name	Jnt #	ID (mm)	OD (mm)	Length (m)	Thread Type	Thread Size
PDC "SS66L" bit.	1		222	.25	Reg	114
6.75 Motor. 7/8 3.0 @ 1.50	1		193	7.06	H90	114
Float sub.	1	75	165	.77	H90	114
UBHO sub.	1	72	161	.83	H90	114
Monel d.c.	1	72	170	9.21	H90	114
X / O sub.	1	69	171	.62	XH	114
Drill collars.	7	70	155	64.83	XH	114
X / O	1	65	160	.92	FH	101

Solids Control

Item	UF	OF	I/Min	Hrs
Centrifuge	1900	1000	25	6

24 Hour Summary Nipple up, drill rathole, press test, drill out, drill 222mm hole to 308m.

Total Length 84.29

Remarks

Screw on casing bowl & nipple up B.O.P's. Drill rathole. Press test blind rams, manifold valves & choke line. Motor kills. P/U directional tools & r.i.h. to cement at 121m. Complete press test stack, stack valves, kelly cocks, inside b.o.p's & kill line. All press tests to 7000 kPa & 1400 kPa for 10 mins each. Accumulator drawdown good. Drill out cement & drill 2m hole. Run formation integrity test to 28 kPa / meter w/ no leak off. Drill to 308m. Slide to correct deviation at 154-159m, 164-168m, 251-255m, 261-265m.

00:00-08:00: Drill from 308m to 412m.

Well Name:	AEC (WEST) REN CARCAJOU O-47				Report Date	Mar 1 2000	DFS	3	
					Depth	130	EST. TD	0	
Operations (2)	Move Rig to D-07 Location				Progress	0			
Operations (1)	Rig up and prepare to drill conductor on D-07				Well Control				
Contractor Rig	1	Weather	Clear -30C	Accident	No	Sump Vol	0	Hole Vol	11.60
Tool Push	Ron Savill	Phone		Sump FBD		Tank Vol			
Supervisor	Stephen Holyoake	Phone	(600)700-7604	Max Csg		Btm Up	14.00		
Daily Cost	\$58,894.82	Daily Mud Cost		Csg Shoe	.00	Circ Time	20.00		
Cum Cost	\$144,124.34	Cum Mud Cost		BOP Drill					
AFE Number	5000048	AFE Cost	\$919,500.00	Mud Company	Mud King				

Bit Data

Bit No	Size	Type	Serial	Jets	From	To	m	Hrs	ROP	Cum Hrs	Cond

Drilling Parameters

m³/Stroke	SPM 1	SPM 2	P Press	WOB	RPM	STR WT	Jars/Hrs	Shock/Hrs	DP Vel	DC Vel	Noz Vel	m³/Min

Time Breakdown

Start	End	Event	Dur	Comments
00:00	06:00	Wait on tools	6.00	Wait on power tongs and loader from Akita #14
06:00	13:00	Run casing	7.00	
13:00	14:30	Circulate casing	1.50	
14:30	15:00	Safety meeting	0.50	
15:00	17:30	Cement casing	2.50	
17:30	23:59	Tear out rig.	6.48	Tear out rig and rig up on D-07

Survey Data

Mud Data

Additives Properties

Bottom Hole Assembly

Name	Jnt #	ID (mm)	OD (mm)	Length (m)	Thread Type	Thread Size
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Solids Control

Item	UF	OF	l/Min	Hrs
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24 Hour Summary Circulate, wait on power tongs, run casing, circulate, cement, tear out rig and move to D-07 Total Length .00

Remarks

Casing went in ground slow, casing was bowed and was difficult to thread together, cement job went good, pumped 8m3 of Arctic set cement with .3m3 of good cement returns. Annulus held and plug bumped and float held. While tearing out to move the rig we noticed the top of pur casing was loose, I will have Schlumberger do a top job when they do the conductor cement job on D-07.

Well Name:	AEC (WEST) REN CARCAJOU O-47				Report Date	Feb 29,2000	DFS	2	
					Depth	130	EST. TD	0	
Operations (2400)	POOH to run casing, w/o power tongs				Progress	45			
Operations (0)	Run casing				Well Control				
Contractor Rig	1	Weather	Clear -20C	Accident	No	Sump Vol	0	Hole Vol	11.60
Tool Push	Ron Savill	Phone		Sump FBD		Tank Vol			
Supervisor	Stephen Holyoake	Phone	(600)700-7604	Max Csg		Blm Up	14.00		
Daily Cost	\$16,800.00	Daily Mud Cost		Csg Shoe	.00	Circ Time	20.00		
Cum Cost	\$85,229.52	Cum Mud Cost		BOP Drill					
AFE Number	5000048	AFE Cost	\$919,500.00	Mud Company	Mud King				

Bit Data

Bit No	Size	Type	Serial	Jets	From	To	m	Hrs	ROP	Cum Hrs	Cond
1RR	311		LS0254	15. 15. 15.	30.00	130.00	100.00	20.00	5.00	35.00	

Drilling Parameters

m ³ /Stroke	SPM 1	SPM 2	P Press	WOB	RPM	STR WT	Jars/Hrs	Shock/Hrs	DP Vel	DC Vel	Noz Vel	m ³ /Min
0.0240	60		4000	2000	200	8000			0	0	45	1.44

Time Breakdown

Start	End	Event	Dur	Comments
00:00	06:00	Drilling	6.00	
06:00	07:00	Cond mud	1.00	
07:00	09:00	Drilling	2.00	
09:00	12:00	Wiper trip	3.00	
12:00	13:30	Cond mud	1.50	
13:30	19:00	Wait on tools	5.50	Wait on power tongs from Akita #14
19:00	21:30	Wait on tools	2.50	Wait on power tongs from Akita #14
21:30	23:00	P.O.O.H	1.50	
23:00	23:59	Rig up	0.98	Rig up to run casing

Survey Data

Mud Data

Additives

Properties

Bottom Hole Assembly

Name	Jnt #	ID (mm)	OD (mm)	Length (m)	Thread Type	Thread Size
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Solids Control

Item	UF	OF	I/Min	Hrs
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24 Hour Summary Drill to 122m, wiper trip, drill to TD @ 130m, circulate and wait on power tongs and loader for Total Length .00

Remarks

Location	AEC (WEST) REN CARCAJOU O-47	Drilling Supervisor	Stephen Holyoake
String Type	SURFACE CSG	Casing Bowl	

Elevations

KB Elev	GL Elev (m)	KB to SCF (m)	TD (mKB)	PBTD (mKB)	Stage Tool Depth (mKB)	Liner Top (mKB)
		0				

Casing and Equipment as run from bottom up

Size OD	Weight	Grade	Thread	# Joints	Length (m)	From (mKB)	To (mKB)	Remarks
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Tally Total 0 Casing landed at

Scratchers and Centralizers

Type	Interval	Number Used	Frequency
	From (mKB) To (mKB)		

Mud Properties

Stage 1 - Surface

Preflush Type	WATER	Plug Data	
Preflush Volume	2.00	Type	Wood
Reciprocate/Rotate	None	Top	
Reciprocate Length	.00	Bottom	
Reciprocate Stroke Rate	.00	Closing Dart	
Rotate (rpm)	.00	Bumped	YES
Return Type	good cement	Return Volume (m³)	1.30

Slurry Data

Type	Cement Blend	Interval	Quantity	Excess	Slurry	Density	Est.	AEUB
	Additives	From (mKB) To (mKB)	(tonnes)	(%)	Volume (m³)	(kg/m³)	Tops	Tops
Arctic Set	12%bwow D44+.8%D13+.5%D65+.2% D46	130.00 .00	7.50	100	8.00	1900.00	.00	.00

Event Times

Operation	Start Time	Finish Time	Elapsed Time	Volume (m³)	Rate (m³/min)	Pressure (MPa)	
						Max	Min
Safety Meeting w/cementer	02/29/2000 16:00:00	02/29/2000 16:30:00	0:30		.00	.00	.00
Water spacer	02/29/2000 16:25:00	02/29/2000 16:30:00	0:05	2	.40	2.00	1.00
Pressure Test	02/29/2000 16:30:00	02/29/2000 16:34:00	0:04		.00	14.00	2.00
Mix Cement	02/29/2000 16:34:00	02/29/2000 16:54:00	0:20	8	.40	3.00	1.50
Drop Plug	02/29/2000 16:57:00	02/29/2000 16:58:00	0:01		.00	.00	.00
Displace Plug	02/29/2000 17:02:00	02/29/2000 17:20:00	0:18	5	.28	3.50	2.00
Bump Plug	02/29/2000 17:21:00	02/29/2000 17:24:00	0:03		.00	4.00	2.00

Surface Casing Cement Job

Pumped 2m3 of H2O ahead followed by 8m3 of Arctic set cement with a density of 1900kg/m3, dropped plug and displaced with 4.6m3 of drilling mud, plug bumped, float held, annulus held. Had .3m3 of good cement returns. While moving the rig we realized that the surface casing was loose at the top so I will have Schlumberger do top job with Arctic set cement when they go out to cement our conductor barrel on D-07.

Well Name:	AEC (WEST) REN CARCAJOU O-47			Report Date	Feb 28, 2000	DFS	1
Operations (2400)	Drilling ahead @ 85m			Depth	85	EST. TD	0
Operations (1200)	Drilling ahead @ 122m			Progress	54		
Contractor Rig	1	Weather	Clear -15	Accident	No	Well Control	
Tool Push	Ron Savill	Phone		Sump Vol	0	Hole Vol	1.60
Supervisor	Stephen Holyoake	Phone	(600)700-7604	Sump FBD		Tank Vol	
Daily Cost	\$18,400.00	Daily Mud Cost		Max Csg		Btm Up	14.00
Cum Cost	\$68,429.52	Cum Mud Cost		Csg Shoe	.00	Circ Time	22.00
AFE Number	5000048	AFE Cost	\$919,500.00	BOP/Drill			
				Mud Company	Mud King		

Bit Data

[illegible]

Drilling Parameters

[illegible]

Time Breakdown

Start	End	Event	Dur	Comments
00:00	01:30	Weld on Bowl	1.50	Weld on cement nipple
01:30	02:00	Safety meeting	0.50	
02:00	04:00	Cement casing	2.00	
04:00	06:00	Rig up	2.00	Rig up to drill with mud
06:00	07:30	Nipple up BOP's	1.50	Weld on diverter
07:30	09:00	Repair Rig	1.50	
09:00	10:00	RIH	1.00	
10:00	10:30	Safety meeting	0.50	
10:30	12:30	Drill out cement	2.00	
12:30	19:00	Drilling	6.50	
19:00	19:30	Safety meeting	0.50	
19:30	23:59	Drilling	4.48	

Survey Data

• Mud Data

Additives	Properties

Bottom Hole Assembly

Name	Jnt #	ID (mm)	OD (mm)	Length (m)	Thread Type	Thread Size
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Solids Control

Item	UF	OF	I/Min	Hrs
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[illegible]

24 Hour Summary	Prepare to cement conductor casing, Cement conductor casing, Rig up to drill with mud, Dr	Total Length	.00
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Remarks

Location	AEC (WEST) REN CARCAJOU O-47			Drilling Supervisor	Stephen Holyoake		
String Type	Surface Casing			Casing Bowl			
Elevations							
KB Elev	GL Elev (m)	KB to SCF (m)	TD (mKB)	PBTD (mKB)	Stage Tool Depth (mKB)	Liner Top (mKB)	
		0					
Casing and Equipment as run from bottom up							
Size OD	Weight	Grade	Thread	# Joints	Length (m)	From (mKB)	To (mKB)
							Remarks
Tally Total				0	Casing landed at		
Scratchers and Centralizers							
Type	Interval		Number Used		Frequency		
	From (mKB)	To (mKB)					
Mud Properties							
Stage 1 - Surface							
Preflush Type				Plug Data			
Preflush Volume .00				Type			
Reciprocate/Rotate None				Top NO			
Reciprocate Length .00				Bottom NO			
Reciprocate Stroke Rate .00				Closing Dart NO			
Rotate (rpm) .00				Bumped NO			
Return Type	Good cement			Return Volume (m³)	.50		
Slurry Data							
Cement Blend		Interval		Quantity	Excess	Slurry	Density
Type	Additives	From (mKB)	To (mKB)	(tonnes)	(%)	Volume (m³)	(kg/m³)
Arctic Set	12%bwow D44+ 0.8% D13+0.5% D65 + 0.2% D46	30.50	.00	2.00	300	2.50	1900.00
							Est. Tops
							AEUB Tops
Event Times							
Operation	Start Time	Finish Time	Elapsed Time	Volume (m³)	Rate (m³/min)	Pressure (MPa)	
						Max	Min
Safety Meeting w/cement	02/25/2000 02:50:00	02/25/2000 03:00:00	0:10		.00	.00	.00
Mix Cement	02/25/2000 03:00:00	02/25/2000 03:13:00	0:13	2.5	.15	1.00	.40
Displace Plug	02/25/2000 03:16:00	02/25/2000 03:27:00	0:11	1.2	.09	1.00	.40

FEB 28 '00 08:19AM AEC

Remarks

P.20/37

*****Conductor Casing*****

Cement job went good, Pumped 2.5 m3 of Arctic set cement followed by 1.2m3 of water, had .5m3 of good cement returns to surface. Annulus held.

Well Name:	AEC (WEST) REN CARCAJOU O-47				Report Date	Feb 27, 2000	DFS	0	
Operations (2400)	POOH to run casing				Depth	30	EST. TD	0	
Operations (2400)	Weld on diverter				Progress	30	Well Control		
Contractor	1	Weather	Light Snow -10C	Accident	No	Sump Vol	0	Hole Vol	3.00
Tool Push	Mountview	Phone	(403)651-1086	Sump FBD		Tank Vol			
Supervisor	Mountview	Phone	(403)651-1086	Max Csg		Btm Up	.50		
Daily Cost	\$33,429.52	Daily Mud Cost		Csg Shoe	.00	Circ Time	2.00		
Cum Cost	\$50,029.52	Cum Mud Cost		BOP Drill					
AFE Number	5000048	AFE Cost	\$919,500.00	Mud Company	Mud King				

Bit Data

Bit No	Size	Type	Serial	Jets	From	To	m	Hrs	RQP	Cum Hrs	Cond
1	2.75				0	30.50	30.00	15.00	2.00	15.00	

Drilling Parameters

m ³ /Stroke	SPM 1	SPM 2	P Press	WOB	RPM	STR WT	Jars/Hrs	Shock/Hrs	DP Vel	DC Vel	Noz Vel	m ³ /Min

Time Breakdown

Start	End	Event	Dur	Comments
00:00	01:30	Rig up	1.50	Rig up ODEX air drilling unit
01:30	06:00	Rig up	4.50	Rig up and prepare casing
06:00	19:00	Drilling	13.00	
19:00	19:30	Safety meeting	0.50	
19:30	22:30	Drilling	3.00	
22:30	23:59	P.O.O.H	1.48	

Survey Data

Mud Data

Additives Properties

Bottom Hole Assembly

Name	Jnt #	ID (mm)	OD (mm)	Length (m)	Thread Type	Thread Size
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Solids Control

Item	UF	OF	I/Min	Hrs
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24 Hour Summary Drill conductor casing to 30.5m, POOH with air drill, rig to cement, cement conductor casing, Total Length 30.50

Remarks

Cement job went good, pumped 2.5m3 of Arctic set cement followed by 1.2m3 of water with .5m3 of good cement returns.

Well Name:	AEC (WEST) REN CARCAJOU O-47			Report Date	Feb 26, 2000	DFS	N/A
Operations (2400)	Rig up to air drill conductor casing			Depth		EST. TD	0
Operations (00)	Air drilling conductor casing			Progress			
Contractor	1	Weather	Clear -16C	Accident	No	Well Control	
Tool Push	Mountview	Phone	(403)651-1086	Sump Vol	0	Hole Vol	
Supervisor	Mountview	Phone	(403)651-1086	Sump FBD		Tank Vol	
Daily Cost	\$16,600.00	Daily Mud Cost		Max Csg		Btm Up	
Cum Cost	\$16,600.00	Cum Mud Cost		Csg Shoe	.00	Circ Time	
AFE Number	5000048	AFE Cost	\$919,500.00	BOP Drill			
				Mud Company	Mud King		

Bit Data

Bit No	Size	Type	Serial	Jets	From	To	m	Hrs	ROP	Cum Hrs	Cond

Drilling Parameters

m³/Stroke	SPM 1	SPM 2	P Press	WOB	RPM	STR WT	Jars/Hrs	Shock/Hrs	DP Vel	DC Vel	Noz Vel	m³/Min

Time Breakdown

Start	End	Event	Dur	Comments
00:00	11:00	Tear out rig.	11.00	Tear out rig on O-74
11:00	15:00	Rig Move	4.00	
15:00	18:00	Rig up	3.00	
18:00	18:30	Safety meeting	0.50	
18:30	23:59	Rig up	5.48	

Survey Data

Mud Data

Additives Properties

Bottom Hole Assembly

Name	Jnt #	ID (mm)	OD (mm)	Length (m)	Thread Type	Thread Size
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Solids Control

Item	UF	OF	I/Min	Hrs
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24 Hour Summary Move rig from O-74, rig up, prepare to air drill conductor, air drill conductor.

Total Length .00

Remarks

Rig move went good, it was a little time consuming due to the lack of a picker and the use of only one loader.