

N 47

DATE 2008 11 06
YEAR MONTH DAY



DAILY OPERATIONS REPORT

Report No: 12

WELL NAME / UWI				PROJECT MANAGER		DESCRIPTION	DAILY COST	CUM COST
Elmworth 100/N-14-A/11-E-05				S. 2011		LEASE / ROAD MAINT.		
CODING: 02				LICENSE # 99-09-15-02		CAMP / MOVE / SETUP		
REPORT FROM / PHONE				REPORT TO		SERVICE RIG MOVE		
CONTRACTOR BJ CTU				RIG MANAGER S. 2011		SERVICE RIG / BOILER		
LEASE CONDITION Excellent				WEATHER overcast		EQUIPMENT RENTALS	210	3520
JOB OBJECTIVE Perforate and evaluate HB zones: PID				JOB NUMBER S262099		PERFORATE / LOG		76425
TEMPERATURE 5 > 15c				PERF INTERVAL 2094.0 - 2098.0 mKB		STIMULATION		
ZONE 1 HB # 1				PERF INTERVAL 1962.0 - 1967.0 mKB		ETU / SNUBBING	50000	206175
ZONE 2 HB # 2				BOP DRILL DATE		FLUIDS / HAUL / DISP.	200	3925
FLUID VOLUMES				SITP kPa @ 0800 HRS		CEMENT / HOT OILER		2715
OIL				SICP TSTM kPa @ 0800 HRS		PACKERS / BP / BITS	5000	49000
WATER / ACID				DAILY RIG HRS: CUM		SAFETY / AMBULANCE		
TOTAL LOAD FLUID 43.20				KB to CF 4.5		DIR'NL SERV / FISHING		
RECOVERY LAST 24 HRS				PBTD 2110 TD 2618		WELLTEST / SLICKLINE	3600	35400
RECOVERED TO DATE 40.50				SAFETY MEETING TOPIC		SUPERVISION	1250	14800
LOAD TO RECOVER (FOR NEW FLUID) 2.70				OH loads: pinch points; HP lines		TRANSPORTATION		11550
TUBING setting depth				Slip / trip hazards, coil hazards		WELLHEAD EQUIP.		24550
Nipple setting depth				TUBING		LINER		
Packer setting depth				Nipple setting depth		DWNHL PROD EQUIP		
Sliding sleeve setting depth				TOTAL			\$60,260	\$428,060
Remarks:				AFE ESTIMATE				

5 Conduct walkaround site inspection; Continue to work on lease modifications with construction crew; Hold tailgate safety meeting; RU lubricator and injection head; MU 139.7mm wash pipe with hardsurfaced shoe, x/o, 60.3mm indexing tool, x/o, BJ 'Boss' tool, dimpled CTU connector; Hold safety and procedures meeting; Pressure test lubricator, BOP's and surface iron to 10 mPa; Pressure test treating lines to 35 mPa; 0850 Open well and RIH; 1015 Tag at 2086.9 mCT; Start pumping 2.0 m3 water with friction reducer, and chase with N2 at 50 m3/min; Work indexing tool and wash pipe/ shoe with fluid to bottom, cycling 6 times to obtain 1.5 full rotations at bit; Pump 1.0 m3 gelled water sweep, and displace to plug with N2 at 50 m3/min; Pump 1.0 m3 water with foamer to lift any remaining sand and continue with N2 at 70 m3/min; Good returns at surface; Sand in returns; 1130 POH, continuing to pump N2; Shut down N2 at 1260 m, returns clean and straight N2, no fluids; 1245 Out of hole; 1335 MU KPC WR overshot (tool skirt cut back to within 25cm of grapple), centralizer, 89mm air hammer, x/o, to CTU 'Boss tool; RIH; Just above WR plug, start N2 at minimum rate to run air hammer and agitate any remaining sand or debris; 1450 Tag WR plug at 2088.3 mCT; Pull back to ensure latched pulling 2000 daN over string; Squat on coil tubing to ensure plug is equalized; Pull 2000 daN overpull to release WR plug; Allow elements to relax; RIH 2091 mCT to ensure full release; 1510 Start POH; Hanging up in possible sand; RIH to top of perfs and shake sand loose; POH slowly, increasing to 15 m/min; 1730 Out of hole; SIW; Layout WR plug, air hammer, and boss tool; RO lubricator and wellhead spools; Rack back injector head; RO treating pumper; 1830 SDFN with CTU; Dump recorders; Pressure at time of setting including squeeze pressure 5613 kPa, pressure today at 1430hrs, 3977 kPa; Slight leakoff occurred; Note that this interval was 100% fluid covered so leakoff was very small; All data forwarded to Robert Hawkes at BJ Services for interpretation;

1120

DATE 2008 11 06
YEAR MONTH DAY



DAILY OPERATIONS REPORT

Report No: 12

WELL NAME / UWI Elmworth 100/N-14-A/11-E-05		PROJECT MANAGER S.2001		DESCRIPTION	DAILY COST	CUM COST	
CODING: 0002		LICENSE # 99-09-15-02		LEASE / ROAD MAINT.			
OPERATION @ 0800 h NEXT REPORTING DAY				CAMP / MOVE / SETUP			
JOB OBJECTIVE Perforate and evaluate HB zones; PID		REPORT TO S.2001		SERVICE RIG MOVE			
REPORT FROM / PHONE S.2001		MOTEL / PHONE 403 816 3047		SERVICE RIG / BOILER			
CONTRACTOR BJ CTU		RIG MANAGER S.2001		EQUIPMENT RENTALS	210	3520	
LEASE CONDITION Excellent		WEATHER overcast		PERFORATE / LOG		76425	
JOB NUMBER S262099		TEMPERATURE 5 > 15c		STIMULATION			
ZONE 1 HB # 1		PERF INTERVAL 2094.0 - 2098.0 mKB		ETU / SNUBBING	50000	206175	
ZONE 2 HB # 2		PERF INTERVAL 1962.0 - 1967.0 mKB		FLUIDS / HAUL / DISP.	200	3925	
FLUID VOLUMES		BOP DRILL DATE		CEMENT / HOT OILER		2715	
ZONE 1	TOTAL LOAD FLUID	OIL	WATER / ACID	SITP _____ kPa @ 0800 HRS	PACKERS / BP / BITS	5000	49000
	RECOVERY LAST 24 HRS			SICP <u>TSTM</u> kPa @ 0800 HRS	SAFETY / AMBULANCE		
	RECOVERED TO DATE		40.50	DAILY RIG HRS: _____ CUM _____	DIR'NL SERV / FISHING		
	LOAD TO RECOVER (FOR NEW FLUID)		2.70		WELLTEST / SLICKLINE	3600	35400
ZONE 2	TOTAL LOAD FLUID			KB to CF 4.5	SUPERVISION	1250	14800
	RECOVERY LAST 24 HRS			PBTD 2110 TD 2618	TRANSPORTATION		11550
	RECOVERED TO DATE			SAFETY MEETING TOPIC OH loads; pinch points; HP lines	WELLHEAD EQUIP.		24550
	LOAD TO RECOVER (FOR NEW FLUID)			Slip / trip hazards, coil hazards	TUBING		
Tubing setting depth _____		Nipple setting depth _____		LINER			
Packer setting depth _____		Nipple setting depth _____		DWNHL PROD EQUIP			
		Sliding sleeve setting depth _____		TOTAL	\$60,260	\$428,060	
Remarks:				AFE ESTIMATE			

15 Conduct walkaround site inspection; Continue to work on lease modifications with construction crew; Hold tailgate safety meeting; RU lubricator and injection head; MU 139.7mm wash pipe with hardsurfaced shoe, x/o, 60.3mm indexing tool, x/o, BJ 'Boss' tool, dimpled CTU connector; Hold safety and procedures meeting; Pressure test lubricator, BOP's and surface iron to 10 mPa; Pressure test treating lines to 35 mPa; 0850 Open well and RIH; 1015 Tag at 2086.9 mCT; Start pumping 2.0 m3 water with friction reducer, and chase with N2 at 50 m3/min; Work indexing tool and wash pipe/ shoe with fluid to bottom, cycling 6 times to obtain 1.5 full rotations at bit; Pump 1.0 m3 gelled water sweep, and displace to plug with N2 at 50 m3/min; Pump 1.0 m3 water with foamer to lift any remaining sand and continue with N2 at 70 m3/min; Good returns at surface; Sand in returns; 1130 POH, continuing to pump N2; Shut down N2 at 1260 m, returns clean and straight N2, no fluids; 1245 Out of hole; 1335 MU KPC WR overshot (tool skirt cut back to within 25cm of grapple), centralizer, 89mm air hammer, x/o, to CTU 'Boss' tool; RIH; Just above WR plug, start N2 at minimum rate to run air hammer and agitate any remaining sand or debris; 1450 Tag WR plug at 2088.3 mCT; Pull back to ensure latched pulling 2000 daN over string; Squat on coil tubing to ensure plug is equalized; Pull 2000 daN overpull to release WR plug; Allow elements to relax; RIH 2091 mCT to ensure full release; 1510 Start POH; Hanging up in possible sand; RIH to top of perms and shake sand loose; POH slowly, increasing to 15 m/min; 1730 Out of hole; SIW; Layout WR plug, air hammer, and boss tool; RO lubricator and wellhead spools; Rack back injector head; RO treating pumper; 1830 SDFN with CTU; Dump recorders; Pressure at time of setting including squeeze pressure 5613 kPa, pressure today at 1430hrs, 3977 kPa; Slight leakoff occurred; Note that this interval was 100% fluid covered so leakoff was very small; All data forwarded to Robert Hawkes at BJ Services for interpretation;



DOWNHOLE WELL PROFILE

WELL NAME / UWI Elmworth N-14-A / 11-E-3
 FOREMAN: [Signature] DATE: 2008/12/09

KB ELEV 73.2 m PBDT 2122.4 mKB TD mKB
 KB - CSG 4.50 m KB-THF 4.10 m KB-GR 4.7 m Permanent Rig Anchors

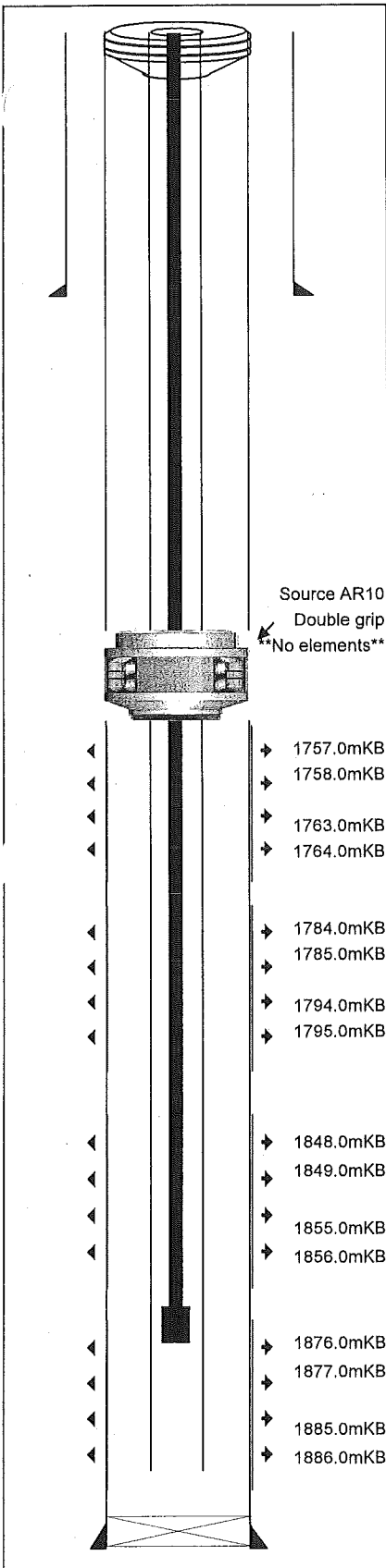
CASING/TUBING	SIZE (mm)	WEIGHT (kg/m)	GRADE	DEPTH (mKB)
Surface Casing	244.5	53.57	J-55	451.0
Intermediate Casing				
Production Casing	177.8	34.23	K-55	2136.5
Liner	114.3	22.47	P-110	2114.0
Tubing	60.3	6.99	J-55	1895.6
Perfs, mKB	1885-1886,1876-1877,1855-1856,1848-1849mKB			
Perfs, mKB	1794-1795,1784-1785,1763-1764, 1757-1758mKB			

FINAL TUBING STRING FROM BOTTOM UPWARD

ITEM NO.	DESCRIPTION	LENGTH	TOP SET AT
		meters	meters
1	60.3mm J-55 tubing joint	6.03	1893.68
2	60.3mm API PSN	0.32	1893.36
3	17 - 60.3mm J-55 tubing joints	161.03	1732.33
4	114.3mm Source AR10 Double grip 10k (No elements on packer)	1.87	1730.46
5	60.3mm J-55 tubing joint	9.59	1720.87
6	60.3mm J-55 pup joint (6ft)	1.86	1719.01
7	179 - 60.3mm J-55 tubing joints	1714.79	4.22
8	Tubing hanger	0.12	4.10
9			
10			
11			
12	1 Quinn 20-150-RWAC-20-4-0 QPE-316		
13	139 3/4" plain sucker rods		
14	106 7/8" plain sucker rods		
15	1 7/8" plain pony rods		
16	1 1 1/4" 30ft Polish rod		
17			
18			
19			
20			
TOTAL STRING LENGTH		1895.61	
K.B. TO TUBING HANGER FLANGE		4.10	
SETTING DEPTH K.B.		1899.71	

STRING WT _____ daN WT on PACKER _____ daN WT on HANGER _____ daN
 TBG HANGER TYPE _____ SIZE _____ SFC CSG STATUS NO-FLOW
 CASING BOWL W.P. 35 MPa MAKE Cameron FLANGED SCREWED
 TUBING SPOOL W.P. 35 MPa MAKE Cameron SIZE _____
 MSTR VLV No. 1 TYPE Gate SIZE 60.3 mm MAKE Cameron
 W.P. 35 MPa NACE TRIM? YES NO
 CSG VLV No. 2 TYPE Gate SIZE 50.8 mm MAKE Cameron
 W.P. 35 MPa NACE TRIM? YES NO

REMARKS (Note: Additional Equipment, Tools, shear and release, surface casing test details)
 From Kennetcook head North on #354 for 10.5km, Turn right onto LAKE RD for 1.1km, Turn right for 1.2km into location





DOWNHOLE WELL PROFILE

WELL NAME / UWI: Elmworth N-14-A / 11-E-3
 FOREMAN: [Signature] DATE: 2008/12/09

KB ELEV: 73.2 m PBDT 2122.4 m KB TD m KB
 KB - CSG: 4.50 m KB-THF 4.10 m KB-GR 4.7 m Permanent Rig Anchors

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Intermediate Casing				
Production Casing	177.8	34.23	K-55	2136.5
Liner	114.3	22.47	P-110	2114.0
Tubing	60.3	6.99	J-55	1895.6
Perfs, mKB	1885-1886, 1876-1877, 1855-1856, 1848-1849 mKB			
Perfs, mKB	1794-1795, 1784-1785, 1763-1764, 1757-1758 mKB			

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6	60.3mm J-55 pup joint (6ft)	1.86		1719.01	
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		TOTAL STRING LENGTH		1895.61	
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		SETTING DEPTH K.B.		1899.71	

STRING WT _____ daN WT on PACKER _____ daN WT on HANGER _____ daN

1855.0mKB TBG HANGER TYPE _____ SIZE _____ SFC CSG STATUS NO-FLOW

1856.0mKB CASING BOWL W.P. 35 MPa MAKE Cameron FLANGED SCREWED

TUBING SPOOL W.P. 35 MPa MAKE Cameron SIZE _____

MSTR VLV No. 1 TYPE Gate SIZE 60.3 mm MAKE Cameron

1876.0mKB W.P. 35 MPa NACE TRIM? YES NO

1877.0mKB CSG VLV No. 2 TYPE Gate SIZE 50.8 mm MAKE Cameron

W.P. 35 MPa NACE TRIM? YES NO

REMARKS (Note: Additional Equipment, Tools, shear and release, surface casing test details)
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