

DFE above MSL : 38.0m

Lat : 38 Deg 12 Min 25.077 Sec

Spud Date : 24 Apr 2008

Release Date : 09 May 2008

Water Depth : 39.5m

Long : 147 Deg 37 Min 9.810 Sec

Spud Time : 04.15

Release Time : 16.30

Well History

Well: West Seahorse-3

#	Date	Depth	24 Hour Summary
1	22 Apr 2008		Commence contract to 3D Oil at 10.30 hrs. Tow rig to new location at West Seahorse-3, jack rig up to 1.5m and commence preloading.
2	23 Apr 2008		Preload rig, jack rig up to 15m air gap, skid cantelever deckout and install Texas deck. Make up R/tool in W/head together with 13 3/8" cement plugs and lay out. Commence picking up 36" BHA.
3	24 Apr 2008	125.0m	Make up 36" BHA, tag seabed @ 77.5m and drill ahead from 77.5m to 125m. Make wiper trip and fill hole with inhibited mud from last well. Run 30" conductor pipe to 122m, suspend pipe at CTU and cut 30" above CTU. Lay out top 2 jnts pipe.
4	25 Apr 2008	125.0m	Cement 30" conductor and POOH stinger. RIH with 26" bit on DP and tag butt weld landing ring in 30" conductor. Install adjustment nut on 18 3/4" w/head assy. Cut and dress top of 30" conductor at CTU. Install diverter system onto 30" conductor. Commence pick up 17 1/2" BHA.
5	26 Apr 2008	768.0m	Pick up and RIH with 17 1/2" BHA. Tag top of 20" shoe at 121m. Take survey and drill cement, shoe and rathole to 125m. Drill ahead from 125m to 768m. KOP at 172m, EOB at 465m.
6	27 Apr 2008	1123.0m	Continue drilling 17 1/2" hole from 768m to 1123m, circulate to clean hole, POOH to 1070m
7	28 Apr 2008	1123.0m	POOH with 17 1/2" drilling assy, RIH with jetting string and jet landing collar. Rig up and run 13 3/8" casing to 854m.
8	29 Apr 2008	1123.0m	Run 13 3/8" CSG, pick up w/head and land CSG at MLS landing collar in 30" conductor. Circulate and cement CSG. Attempt to back out W/head R/tool - back out 13 3/8" casing jnt just below 20" to 13 3/8" swage. Recover w/head with R/tool. Commence to pull diverter and riser assy.
9	30 Apr 2008	1123.0m	Lay out diverter and riser assy. Pick up W/head and break out R/tool, inspect and make up R/tool to W/head. Lay out same. Break out 17 1/2" BHA and lay out. Pick up 13 3/8" waterbushing, Screw into casing, rotate to right to unscrew R/tool from MLS, POOH - recover 2 jnts casing. RIH with spear, engage fish, rotate to right and unscrew R/tool from MLS, POOH with fish - all recovered.
10	01 May 2008	1123.0m	Recover and lay out balance of 13 3/8" landing string fished from hole. Pick up spare 13 3/8" MLS hanger and R/tool, break out R/tool from hanger and RIH with new 13 3/8" CSG landing string. Pick up W/head and make up 13 3/8" MLS R/tool to hanger at mudline. Attempt to pressure test CSG - max 2000psi bleeding off to 1200psi. Set adjusting nut on W/head. Back out W/head R/tool. Rig up and run BOP.
11	02 May 2008	1123.0m	Continue to test BOP and valves. Repair connection to choke line. Service TDS and change out V-door tugger line. Pick up 12 1/4" rotary steerable BHA. RIH to 200m. Test lower pipe rams 250/750psi. Continue RIH to 285m - taking weight on cement in CSG. Wash and ream cement inside CSG from 285m to 468m.
12	03 May 2008	1392.0m	Wash and ream cement inside 13 3/8" csg from 468m to 1103m - tag plugs. Drill plugs, shoe track, rathole and 3m new formation. Perform FIT to 13.65ppg. Drill ahead 12 1/4" hole from 1126m to 1392mMD.
13	04 May 2008	1810.0m	Drill 12 1/4" hole from 1392m to 1559mMD. Shut well in after driller detected 6bbl gain - no pressures. Open well, flowcheck, circ bottoms up - max gas 0.13%. Drill ahead from 1559m to 1810mMD - final TD of well. Circulate to clean well. POOH to 1530m.
14	05 May 2008	1810.0m	POOH from 1530m to 30m. Lay out MWD/LWD BHA. Rig up and run Schlumberger logs: run No 1 PEX-HRLT-BHC, run No 2 MDT.
15	06 May 2008	1810.0m	Complete MDT logging run. RIH MSCT - tool malfunction - POOH and rectify same. RIH MSCT, cut 14 cores, recover 12. Rig down Schlumberger. Clear rig floor. Install Sampson post and automatic elevators. Service TDS and travelling block. RIH with mule shoe on DP for bottom abandonment plug.
16	07 May 2008	1810.0m	RIH with mule shoe on DP from 1565m to 1770m. Tag fill, wash down to 1771m. Spot balanced cement plug #1A from 1771m to 1633m, pull back to 1633m and circulate out excess cement. Spot balanced cement plug #1B from 1633m to 1500m. Pull back to 1416m and circulate 1.5 x bottoms up. Lay out 5 1/2" DP from 1417m to 1238m. RIH and tag plug #1B at 1490m. POOH from 1490m to 1238m. Spot 50bbl hi vis, POOH to 1149m and spot cement plug #2 from 1149m to 1030m. POOH to 942m, circulate 1.5 x bottoms up, pump slug and POOH to 325m laying out DP. Pressure test plug #2 to 1500psi, POOH to 307m, spot 50bbl hi vis, POOH to 207m. Rig up and spot cement plug #3 from 207m to 130m.
17	08 May 2008	1810.0m	POOH with 5 1/2" DP after cement plug #3 to 130m. Reverse out and displace hole to seawater. POOH and flush BOP area, displace riser to seawater. Pick up and lay out diverter and riser jnts. Nipple down and stand back BOP. Retrieve nominal bore protector. Engage w/head with r/tool and back out MLS r/tool. Lay out w/head and 13 3/8" CSG landing string. RIH with 13 3/8" temporary abandonment cap, modify centraliser size and install MLS 13 3/8" TA cap. Make up 30" spear and latch into conductor CSG.
18	09 May 2008	1810.0m	Un-jay Quick-Jay connection at seabed, recover and lay out 30" conductor jnts. Set aside work platform on Texas deck, nipple down CTU. RIH 30" trash abandonment cap - ROV not functional. POOH trash cap. Transfer work platform to main deck & store CTU. Prepare and skid rig out to make lift of Texas deck extension off boat. *** END OF WELL ***

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Activity Report For West Seahorse-3

Date : 22 Apr 2008						Daily Cost : US\$ 366000	Report Number : 1
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
0.0	P1	P	M2		7.5	**** ON CONTRACT TO 3D OIL AT 10.30 HRS 22 APRIL 2008 **** On tow to West Seahorse-3. Rig on location at 17.58 hrs. Rig heading 137.21 deg	
0.0	P1	P	M3		1	Jack up to 1.5m airgap and connect deepwell pumps	
0.0	P1	P	M3		5	Hold PJSM and commence preloading. Release MV's Sirius Cove & Cambell Cove @ 19.45 hrs.	
Date : 23 Apr 2008						Daily Cost : US\$ 650000	Report Number : 2
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
0.0	P1	P	M3		6	Continue preloading operation - full load at 04.00 hrs. Hold preload for 2 hours. Prepare rig for skid and spudding of well.	
0.0	P1	P	M3		2	Dump preload water.	
0.0	P1	P	M3		1	Jack rig to 15m air gap.	
0.0	P1	P	M2		2	Hold JSA and skid cantilever deck out to position.	
0.0	P1	P	M2		1.5	Install Texas deck, prepare stairs, install gumbo hose and skid rig to final position.	
0.0	P1	P	G1		5	Install service lines, stairs to Texas deck, CTU and platform, install mousehole, rig down BOP slings. P/up stand drill pipe and check CTU alignment.	
0.0	P1	P	G1		4	M/up wellhead R/tool with 13 3/8" cement plugs, M/up same to wellhead, install 20" x 13 3/8' X-over to 20" pup jnt below W/head. Lay out assy.	
0.0	P2	P	G6		2.5	Pick up 36" BHA including 26" bit and 36" H/opener, Anderdrift tool, float sub and 36" stab to 10m.	
Date : 24 Apr 2008						Daily Cost : US\$ 650000	Report Number : 3
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
0.0	P2	P	G6		3.5	Continue picking up 36" BHA. Break in new joints 9 1/2" & 8 1/4" DC's.	
77.5	P2	P	G6		0.5	Jump ROV and observe tagging of seabed at 77.5m.	
105.0	P2	P	D8		3	Take deviation survey at seabed with Anderdrift tool (0deg) and spud well at 04.15hrs drilling from 77.5m to 125m. Survey at 125m 0deg.	
125.0	P2	P	F3		0.5	Pump 200bbl Hi Vis sweep, displace hole with inhibited mud from last hole.	
125.0	P2	P	G8		0.5	POOH from 125m to 83m, RIH to 125m for wiper trip. No fill. Displace 200bbl inhibited mud.	
125.0	P2	P	G8		1.5	POOH from 125m to surface.	
125.0	P3	P	G1		2.5	Rig up to run 30" conductor. Change out bails and elevators.	
125.0	P3	P	G9		9	Hold PJSM and run 30" conductor to 122m. Install Quick Jay joints at 46m complete with release cable. Install 30" guide plates in CTU and fit ICON support clamp for CTU. Land conductor with 90 000 lbs.	
125.0	P3	P	G9		0.5	Make rough cut of 30" conductor 2m above ICON clamp.	
125.0	P3	P	G9		1	Lay out 2 jnts 30" conductor including cut-off.	
125.0	P3	P	G1		1.5	Rig down 30" handling equipment, clear rig floor, change out bails and install automatic elevators.	
Date : 25 Apr 2008						Daily Cost : US\$ 650000	Report Number : 4
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
125.0	P3	P	G1		1	RIH with cement stinger and sting into 20" Shoe.	
125.0	P3	P	F3		2	Rig up cement lines and cement 30" conductor with 1660sx (70.5 MT) and 204bbl Cacl mix water making 343bbl 15.9ppg slurry - over 200% excess. Observe returns on seabed with ROV - indications of cement returns to surface.	
125.0	P3	P	F3		0.5	Check for backflow, unsting stinger and circulate into conductor.	
125.0	P3	P	G1		1	POOH with stinger.	

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Date : 25 Apr 2008						Daily Cost : US\$ 650000	Report Number : 4
125.0	P3	P	G8	1.5		RIH with 26" bit on DP to tag butt weld landing collar inside 30" conductor below Quick Jay connector. Tag landing collar at 86.87m as expected. POOH with string.	
125.0	P3	P	G10	3		Pick up 18 3/4" w/head assy. Break out at crossover joint. Install adjuster nut, re-assemble and lay w/head out.	
125.0	P3	P	G1	5.5		Confirm space-out of low pressure riser / diverter system. Welder cut and dress 30" conductor at 19.2mRT (3.18m above CTU deck). Lay out cut conductor. Install BOP slings. Prepare to install diverter assy.	
125.0	P6	P	G2	6.5		Pick up and make up diverter, intermediate jnt and overshot and land out same. Pressure up system. Note : Slower than expected rigging up LP riser due to rig having only one riser handling clamp.	
125.0	P6	P	P2	1		Pick up stand DP, fill riser, function diverter, flush lines and test diverter to 200 psi.	
125.0	P3	P	G6	2		Hold pjsm. P/up 17 1/2" BHA including motor, 2 NMDC's, float sub, X/O, 17" Stab.	

Date : 26 Apr 2008						Daily Cost : US\$ 650000	Report Number : 5
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
125.0	P3	P	G6		4.5	Continue pick up 17 1/2" BHA and RIH. Tag top of 20" shoe at 121m. Take checkshot survey 0.26°.	
125.0	P3	P	D1		0.5	Drill out 20" shoe and rathole to 125m. Displace hole to flocculated gel mud.	
768.0	P4	P	D8		19	Continue drilling 17 1/2" hole from 125m to 768m. KOP#1 at 172m, EOB#1 at 465m. Status at 768m: - Incl 27.5°, Az 61°, hole 6m from design line.	

Date : 27 Apr 2008						Daily Cost : US\$ 650000	Report Number : 6
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1123.0	P4	P	D8		22	Drill ahead 17 1/2" hole from 768m to 1123m as per DD requirements. Final TD of 17 1/2" hole. Hole at 2.5m to right and 4.5m below design line - 5.25m centre to centre.	
1123.0	P4	P	F4		1	Circulate until shakers clean - 1200gpm, 100rpm and reciprocate pipe. Spot 430bbl inhibited mud from previous well.	
1123.0	P4	P	G8		1	Flow check, POOH wet from 1123m to 1070m. Back-ream and work tight spots from 1082m to 1076m - 35 klbs O/pull	

Date : 28 Apr 2008						Daily Cost : US\$ 650000	Report Number : 7
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1123.0	P4	P	G8		2.5	Continue POOH from 1070m to 739m. Work tight spots at 1082m, 1076m, 994m & 759m to 739m. 35k lbs O/pull.	
1123.0	P4	P	G8		3.5	Pump 20bbl slug and continue POOH from 739m to 125m (top of DC's). Work tight spots from 739m to 543m. Up to 35k lbs O/pull.	
1123.0	P4	P	G10		0.5	Perform flowcheck, remove 10" diverter insert.	
1123.0	P4	P	G6		2.5	Continue POOH from 125m to surface. Lay out 8 1/4" DC, bit and stab.	
1123.0	P4	P	G16		1.5	Make up jet sub, RIH to 87m and jet landing collar. POOH jetting string and clear rig floor.	
1123.0	P5	P	G1		3.5	Hold PJSM, rig up to run 13 3/8" casing : R/U casing circulating tool, change bails, install 500T elevators and flush mounted slips. Remove diverter element.	
1123.0	P5	P	G9		10	Hold PJSM. Pick up shoe and float jnts and check floats. Bakerlock float to shoe joint. Run 13 3/8" casing as per tally to 854m. Install centralisers as per programme.	

Date : 29 Apr 2008						Daily Cost : US\$ 920000	Report Number : 8
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1123.0	P5	P	G9		2	Continue running 13 3/8" Csg from 854m to 1029m. Total of 90 joints run including shoe jt and float collar jt.	
1123.0	P5	P	G9		0.5	Pick up MLS jnt, back out and make up to 2000ft-lb. Change out flush mounted slips and master bushings.	

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1123.0	P5	P	G9	1		Continue running 13 3/8" Csg landing string from 1029m to 1091m (5 joints).	
1123.0	P5	P	G1	2		Rig down Csg circulating tool and change over to DP elevators/bails. Rig down Csg spider.	
1123.0	P5	P	G9	1		Pick up and make up wellhead assembly. Break out wellhead landing ring and set aside. Pull master bushings.	
1123.0	P5	P	G9	0.5		Commence lowering wellhead. Hole becoming sticky with 150klb down weight and 330klb up weight (before making up wellhead, had 180klb down weight and 280klb up weight).	
1123.0	P5	P	F4	1		Make up TDS. Circulate casing at 440gpm / 300psi. Conditions improved to 200klb down weight, 270klb up weight.	
1123.0	P5	P	G9	0.5		Make up DP single and wash down to 1115mMD.	
1123.0	P5	P	G9	1		Make up x/o, cement head, x/o and DP pup joint.	
1123.0	P5	P	G9	0.5		Circulate down and land MLS hanger on mudline landing ring with 13-3/8" casing shoe set at 1117mMD.	
1123.0	P5	P	F4	1		Circulate casing with 700bbbls mud at 525gpm. Concurrently hold PJSM for cement job.	
1123.0	P5	P	F4	0.5		Pressure test lines to 4000psi. Pump 60bbbls seawater spacer.	
1123.0	P5	P	F4	1		Drop ball for bottom wiper plug release. Pump 13bbbls seawater. No pressure increase observed to indicate release of bottom plug. Open ball launcher to check - ball not held up in launcher. Pump 7bbbls further at increased rate with no indication of bottom plug release.	
1123.0	P5	P	F4	1		Cement 13-3/8" casing as follows - Lead : 460sx class G with 140bbbls mix fluid to give 180bbbls of 12.5ppg slurry. Tail : 290sx class G with 35bbbls mix fluid to give 60bbbls of 15.9ppg slurry.	
1123.0	P5	P	F4	1.5		Release dart. Observe top wiper plug release with 2400psi after displacing dart with 2bbbls seawater. Pump a further 10bbbls seawater with cement unit. Switch to rig pumps and continue displacement with 525bbbls mud (calculated displacement plus half shoe track). Plug not bumped. Bled back 3bbbls. Floats held.	
1123.0	P5	P	G9	2		R/D cement lines. Rotate running string with 12 LH turns using rig tongs to release wellhead running tool. Unable to pull running tool free with up to 10klb overpull.	
1123.0	P5	P	G9	1.5		Break out cement head and make up x/o previously above cement head into x/o at RT. Make up TDS and re-attempt to break out wellhead running tool - unsuccessful. Pick up with 15klb over string weight. String came free and commenced moving with 10klb more than previous string weight. POOH and found wellhead still made up to running tool and backed out at the 13-3/8" BTC connection at the bottom of the wellhead crossover.	
1123.0	P5	TP	G1	TP	1.5	Laid out crossovers and DP above wellhead assembly and laid out wellhead assembly.	
1123.0	P5	P	G12	RE	1	Install diverter bag, displace riser to to S/water and flush overboard lines.	
1123.0	P5	P	G12	RE	3	Rig up and pull diverter - O/shot. Rack back diverter - intermediate jnt & lay out overshot.	

Date : 30 Apr 2008						Daily Cost : US\$ 580000	Report Number : 9
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1123.0	P5	P	G12	RE	2	Continue laying out diverter and riser assy.	
1123.0	P5	TP	G12	TP	2.5	Pick up W/head, break out R/tool, inspect threads - OK, make up R/tool to W/head with chain tongs - R/tool function OK, inspect threads on pin of 13 3/8" casing - OK, lay down W/head.	
1123.0	P5	P	G6		4	Lay out motor and excess 17 1/2" BHA.	
1123.0	P5	TP	G18	DH	3.5	Make up 13-3/8" water bushing (13-3/8"BTC x 4-1/2"IF crossover) on stand of DP and RIH to top of 13-3/8" casing at 24.9mRT (5.7m below top of 30" conductor). Pushed water bushing in line with casing and stabbed into connector. Made several attempts to make up into casing using chain tongs, rig tongs, iron roughneck and TDS without success. Water bushing either rolling around on threads or torquing up and stalling out.	
1123.0	P5	TP	G18	DH	0.5	POOH with water bushing and inspected BTC threads - ok.	
1123.0	P5	TP	G18	DH	1	RIH again with water bushing on DP made up to TDS. Stabbed down into casing connector rotating slowly. Made up slowly into connector with 2-4kft-lbs torque whilst maintaining neutral string weight (1.5klb). String went down 10cm whilst making up and torqued up to 10kft-lbs over 12 turns.	
1123.0	P5	TP	G18	DH	1.5	Continued turning drillstring to the right. Holding 5klb string weight, string continued to turn at 1 - 5kft-lbs torque and dropped another 2cm over 4 turns. String then rose 9cm over approx 10 turns, indicating possible backing out at the MLS running tool. String then started to whip and turn freely.	
1123.0	P5	TP	G18	DH	0.5	Commenced POOH with 5klb over original string weight.	

Wellname : West Seahorse-3

Drilling Co. : Seadrill

Rig : West Triton

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1123.0	P5	TP	G11	RE	1	Unable to break out TDS. Breakout jaws only developing 25kft-lbs. ET work on and rectify problem.
1123.0	P5	TP	G18	DH	2.5	Continue POOH with two 13-3/8" casing joints to surface. Connection at bottom of first joint partially backed out. Pin connection at bottom of second joint gouged from being rotated off-centre on the box below it. Break out water bushing. Lay out casing joints.
1123.0	P5	TP	G18	DH	1.5	Pick up and make up 13 3/8" spear & bumper sub and RIH same.
1123.0	P5	TP	G18	DH	3.5	Engage fish on 7th attempt, Casing still attached to mudline hanger. Rotate to right and screw casing jnts together, continue turning to right and unscrew MLS running tool from hanger. POOH with fish - all 3 remaining jnts recovered including pup jnt attached to MLS R/tool. Rack back HWDP, attempt unlatch spear - unsuccessful due to ovality of casing. Lay out bumper sub and x/o.

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Activity Report For West Seahorse-3

Date : 01 May 2008						Daily Cost : US\$ 563370	Report Number : 10
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1123.0	P5	TP	G18	DH	2.5	Continue retrieving and laying down recovered 13 3/8" CSG and MLS R/tool.	
1123.0	P5	TP	G9	DH	1	Original MLS R/tool threads observed damaged. Pick up back-up 13-3/8" MLS assembly, break out R/tool from hanger and lay out hanger section.	
1123.0	P5	TP	G9	DH	4	RIH with MLS R/tool and 13 3/8" CSG landing string. Place 28" centraliser on bottom of jnt above R/tool jnt. Tack weld top and bottom of all csg connectors.	
1123.0	P5	TP	G9	DH	1	Pick up W/head assy, make up to 13 3/8" CSG, check R/tool and install adjuster nut on W/head.	
1123.0	P5	TP	G9	DH	1	Pick up stand DP, make up top drive & RIH with W/head assy. Wash down to MLS hanger.	
1123.0	P5	TP	G9	DH	1	Make up landing string to MLS hanger. Several attempts required landing R/tool onto hanger assembly before successfully engaging threads and making up. Observed 3" drop in running string over 9 LH turns with 4kft-lbs final makeup torque.	
1123.0	P5	TP	F3	DH	0.5	Attempted to pressure test 13 3/8" CSG / MLS hanger to 2500psi. Casing pressured up uniformly to 2000psi then bled back rapidly to 1200psi, losing approx 1bbl/minute.	
1123.0	P5	TP	F3	RE	1.5	Attempt to pressure test surface lines against IBOP - leaking at 60psi/min. Fault find and trace minor leaks to several leaking manifold valves.	
1123.0	P5	TP	F3	DH	0.5	Re-attempted original casing pressure test. Pressure broke over at 1550psi and levelled out at 1200psi.	
1123.0	P5	TP	G9	DH	0.5	Pick up 15klb over running tool string weight. Make up adjustable landing ring on wellhead down onto 30" conductor stub.	
1123.0	P5	TP	G9	DH	2	Attempt to scope down W/head R/tool in order to back out. Unable to scope down running tool. Rotate string to several positions and attempt to collapse tool with up to 20klb weight down. Back out wellhead side outlet plug and release trapped pressure. Scope down R/tool and back out R/tool from W/head. Lay out same. Upper fin of wiper plug release dart found lodged in crossover above W/head running tool.	
1123.0	P6	P	G1		4	Raise platform on Texas deck. Install wellhead valves and blanking flanges. Prepare top of wellhead. Rig up BOP slings. Offline - Test shear rams to 250/5000psi 5mins.	
1123.0	P6	P	G13		4.5	Nipple up BOP. Pick up O/shot & diverter. Rig up to install choke line.	

Date : 02 May 2008						Daily Cost : US\$ 750000	Report Number : 11
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1123.0	P6	P	G13		2.5	Continue nipple up diverter, O/shot and choke line.	
1123.0	P6	P	G13		2	M/up Dril-Quip BOP test tool and 2 stands HWDP below tool. RIH and land off in W/head. Troubleshoot choke hose connection.	
1123.0	P6	P	G13		2	Pressure test BOP UPR- W/head connector - HCR - manual choke & kill valves. Troubleshoot leaks and test to 250/5000psi, 5/5mins. Continue troubleshoot choke hose connection.	
1123.0	P6	P	G13		1	Break out and lay out test plug. Rack 5 1/2 stands back in derrick.	
1123.0	P6	P	G13		1	Re-connect choke hose, pressure test connection to 250/5000psi, 5mins.	
1123.0	P6	P	G13		5	Rig up and pressure test kelly hose, gray valve, TIW, upper and lower IBOP's. Rectify leaks. Obtain test 250/5000psi 5mins.	
1123.0	P6	P	G11		0.5	Service TDS.	
1123.0	P6	P	G11		1	Hold PJSM and change out cable on V-door tugger.	
1123.0	P6	P	G12		1	Install nominal bore protector in W/head.	
1123.0	P5	P	G6		3	Pick up 12 1/4" Powerdrive rotary steerable BHA. Lay out one 8" DC and one NMDC.	
1123.0	P5	P	G6		0.5	Shallow test Powerdrive/MWD to 500psi @ 700gpm, 700psi @ 800gpm - OK.	
1123.0	P5	P	G8		1.5	Install automatic elevators. RIH DC's & HWDP to 200m.	
1123.0	P6	P	G13		0.5	Line up Halliburton and test lower pipe rams to 250/750psi 5mins.	
1123.0	P5	P	G8		0.5	Continue RIH from 200m to 285m - taking weight at 285m (25k lbs).	
1123.0	P5	P	D1		2	Wash and ream from 285m to 468m. Confirm cement in returns.	

DFE above MSL : 38.0m

Lat : 38 Deg 12 Min 25.077 Sec

Spud Date : 24 Apr 2008

Release Date : 09 May 2008

Water Depth : 39.5m

Long : 147 Deg 37 Min 9.810 Sec

Spud Time : 04.15

Release Time : 16.30

Date : 03 May 2008						Daily Cost : US\$ 750000	Report Number : 12
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1123.0	P5	P	D1		5.5	Wash and ream cement inside 13 3/8" CSG from 468m to 1103m. Tag top of plugs above float collar at 1103m	
1123.0	P5	P	D1		7.5	Drill plugs and float collar from 1103m to 1104m. Very slow progress drilling through plugs - suspect plugs spinning on float collar. Vary parameters attempting to drill through plugs - WOB 10-30klb, 30-80rpm, 200-1000gpm, torque 200-6000ft-lbs. Displaced hole to new mud whilst drilling plugs.	
1123.0	P5	P	D1		1	Drill out shoe track (2-3klb WOB, 50rpm) and float shoe to 1117m. Clean out rathole to 1123m. Drill 3m new hole to 1126m. Pulled back inside 13-3/8" shoe.	
1123.0	P5	P	E1		1.5	Rig up side entry sub, TIW valve and cement line. Test lines to 2000psi. Close upper pipe rams and conduct FIT : 750psi surface pressure with 9.4ppg mud and shoe at 1034mTVD => 13.65ppg EMW without leak-off. R/D side entry sub. Run back to bottom.	
1392.0	P11	P	D4		8.5	Drill 12 1/4" hole from 1126m to 1392mMD as per DD requirements. Survey every stand.	

Date : 04 May 2008						Daily Cost : US\$ 750000	Report Number : 13
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1559.0	P11	P	D4		3	Directionally drill 12-1/4" hole from 1392m to 1507mMD.	
1559.0	P11	P	D4		2.5	Control drill from 1507m - 1559mMD at 30m/hr for LWD logs.	
1559.0	P11	TP	P3	WB	0.5	Investigate 6bbl gain observed by driller at same time as 0.27% gas peak (0.005% BGG) : Shut well in - no pressure on DP or casing side. Open well and flow check - no flow.	
1559.0	P11	TP	F4	WB	0.5	Circulate bottoms up. Max gas 0.13%.	
1810.0	P11	P	D4		12.5	Drill ahead from 1559m - 1810mMD (TD), control drilling at 30m/hr.	
1810.0	P11	P	F4		3	Circulate hole clean at 1050gpm, 2000psi, 150rpm whilst reciprocating string.	
1810.0	P11	P	G8		2	Flowcheck (static). POOH 10 stnds wet from 1810m to 1530m wiping tight spots at 1610m, 1582m, 1572m, 1533m. Pump slug.	

Date : 05 May 2008						Daily Cost : US\$ 1350000	Report Number : 14
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1810.0	P11	P	G8		3.5	Continue POOH from 1530m to 30m. Rack back BHA to DC below jars. Flowcheck at shoe and top of BHA.	
1810.0	P11	P	G6		2.5	Lay out Schlumberger LWD and rotary steerable tools.	
1810.0	P11	P	E3		1	Rig up Schlumberger.	
1810.0	P11	P	E3		1.5	Pick up tools for log #1. Hold toolbox talk. Load RA sources.	
1810.0	P11	P	E3		1.5	RIH with log #1 : PEX-HRLT-BHC. Unable to pass 1775m. Hanging up with full toolstring weight.	
1810.0	P11	P	E3		0.5	Pull back and log repeat section from 1690m - 1540m.	
1810.0	P11	P	E3		0.5	RIH. Held up again at 1775m with full toolstring weight. Made four attempts to pass 1775m without success.	
1810.0	P11	P	E3		2	Log up from 1775m to casing shoe. Continue logging GR to seabed.	
1810.0	P11	P	E3		1	POOH. Remove RA sources. Rig down log #1 tools.	
1810.0	P11	P	E3		1	Rig up for log #2 : MDT.	
1810.0	P11	P	E3		9	RIH to 1585m. Correlated depth. Conduct 27 pre-tests. Obtain 3 pump out stations from which 4 samples were taken at 1567m MD. Note : Approx 2/3bbl/hr static losses whilst wireline logging.	

Date : 06 May 2008						Daily Cost : US\$ 740000	Report Number : 15
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1810.0	P11	P	E3		6	Continue with log No 2 - MDT. Attempt further 5 pre-test positions. POOH logging tool - took 800 lb	

DFE above MSL : 38.0m

Lat : 38 Deg 12 Min 25.077 Sec

Spud Date : 24 Apr 2008

Release Date : 09 May 2008

Water Depth : 39.5m

Long : 147 Deg 37 Min 9.810 Sec

Spud Time : 04.15

Release Time : 16.30

Date : 06 May 2008						Daily Cost : US\$ 740000	Report Number : 15
						O/pull at three places inside casing between shoe and 980m.	
1810.0	P11	P	E3	2		Pick up and make up tools for log #2 : MSCT-GR.	
1810.0	P11	P	E3	1.5		RIH MSCT. Correlated depth from 1720m - 1640m. RIH to 1694m.	
1810.0	P11	TP	E3	TP	0.5	Attempt to take cores at 1694m and 1686m. Tool failure at both depths due to mechanical failure.	
1810.0	P11	TP	E3	TP	1.5	POOH with MSCT and check tool. Coring extend mechanism blocked with sticky cuttings.	
1810.0	P11	P	E3	5		RIH with MSCT, cut 14 cores.	
1810.0	P11	P	E3	2.5		MSCT at surface, recover 12 cores. Lay out logging tools and rig down Schlumberger.	
1810.0	P11	P	G1	0.5		Clear rig floor, install Sampson posts, install automatic elevators.	
1810.0	P11	P	G11	1		Service and grease TDS, travelling block.	
1810.0	P21	P	G8	3.5		Make up mule shoe & RIH same on DP to 1565m	

Date : 07 May 2008						Daily Cost : US\$ 650000	Report Number : 16
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1810.0	P21	P	G8		0.5	Continue RIH with mule shoe on DP from 1565m to 1770m - tag fill.	
1810.0	P21	P	F1		2	Make up TDS & wash down from 1770m to 1771m. Unable to work past 1771m.	
1810.0	P21	P	F3		2	Hold PJSM. Rig up side entry sub and TIW valve on DP with mule shoe at 1770m. Pump 5bbl drill water & pressure test lines to 1000psi OK. Pump 6bbl drill water. Mix and pump 74bbl cement slurry at 15.8ppg and follow with 2bbl drill water. Displace plug with 102bbl mud for balanced plug #1A from 1770m to 1630m. Rig down side entry sub.	
1810.0	P21	P	G8		0.5	POOH from 1770m to 1633m.	
1810.0	P21	P	F4		0.5	Make up TDS and circulate bottoms up. Dump cement contaminated returns at surface.	
1810.0	P21	P	F3		1.5	Rig up side entry sub and TIW valve for second stage of bottom cement plug. Pump 5bbl drill water & pressure test lines to 1000psi OK. Pump 6bbl drill water. Mix and pump 78bbl cement slurry at 15.8ppg and follow with 2bbl drill water. Displace plug with 92bbl mud for balanced plug #1B from 1633m to 1500m. Rig down side entry sub.	
1810.0	P21	P	G8		0.5	POOH to 1416m.	
1810.0	P21	P	F4		1.5	Circulate 1.5 x bottoms up. No cement in returns.	
1810.0	P21	P	G2		2	POOH laying out drillpipe to 1237m (18 joints laid out). Concurrently pulled Quik-Jay anti-rotation pin from 30" Quik-Jay connector 2m above mudline.	
1810.0	P21	P	F1		1.5	RIH from 1237m - 1416m. Make up TDS. Wash down and tag top of plug #1B at 1490m with 8klb.	
1810.0	P21	P	F3		1	POOH to 1249m. Spot 50bbls high vis from 1249m - 1149m.	
1810.0	P21	P	G8		0.5	POOH to 1149m.	
1810.0	P21	P	F3		1	Rig up side entry sub and TIW valve for plug #2. Pump 5bbl drill water & pressure test lines to 1000psi OK. Pump 6bbl drill water. Mix and pump 65bbl cement slurry at 15.8ppg and follow with 2bbl drill water. Displace plug with 60bbl mud for balanced plug #2 from 1149m to 1030m. Rig down side entry sub.	
1810.0	P21	P	G8		0.5	POOH seven stands to 942m.	
1810.0	P21	P	F4		1	Circulate bottoms up. No cement in returns.	
1810.0	P21	P	G2		3.5	POOH laying out drillpipe to 325m. 63 joints DP laid out. 78 stands remaining in derrick.	
1810.0	P21	P	P1		2.5	Rig up circulating head, flush lines and pressure test plug #2 to 1500psi. Troubleshoot surface leaks, flush air out of DP.	
1810.0	P21	P	G8		0.5	POOH from 325m to 307m. Spot 50bbl high vis from 307m to 207m. POOH from 307m to 207m.	
1810.0	P21	P	F3		1	Rig up side entry sub and TIW valve for plug #3. Pump 5bbl drill water & pressure test lines to 1000psi OK. Pump 6bbl drill water. Mix and pump 38bbl cement slurry at 15.8ppg and follow with 5bbl drill water for balanced plug #3 from 207m to 130m. Rig down side entry sub.	

Date : 08 May 2008						Daily Cost : US\$ 700000	Report Number : 17
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1810.0	P21	P	G8		0.5	POOH from 207m to 130m. Rig up to reverse circulate.	

DFE above MSL : 38.0m

Lat : 38 Deg 12 Min 25.077 Sec

Spud Date : 24 Apr 2008

Release Date : 09 May 2008

Water Depth : 39.5m

Long : 147 Deg 37 Min 9.810 Sec

Spud Time : 04.15

Release Time : 16.30

Date : 08 May 2008					Daily Cost : US\$ 700000	Report Number : 17
1810.0	P21	P	F3	0.5	Reverse circulate excess cement and displace hole to seawater.	
1810.0	P21	P	G8	1	POOH from 130m to 30m. Make up TDS and jet BOP area and w/head with seawater. Stand back std of DP.	
1810.0	P21	P	G13	2.5	Hold PJSM. Pick up diverter and overshot. Break out diverter and lay out same. Lay out overshot riser.	
1810.0	P21	P	G13	1.5	Nipple down bell nipple/lower riser joint and lay out same.	
1810.0	P21	P	G13	3	Nipple down and skid back BOP's.	
1810.0	P21	P	G12	0.5	Retrieve nominal bore protector. Remove valves on w/head.	
1810.0	P21	P	G12	1	Pick up w/head r/tool. M/U into w/head and back out 13 3/8" MLS r/tool.	
1810.0	P21	P	G12	5	Pull wellhead to surface & break off wellhead at 20" crossover. Lay out wellhead. Cut and lay out 20" x 13 3/8" wellhead crossover. Continue to cut and lay out 13 3/8" CSG landing string and MLS r/tool.	
1810.0	P21	P	G1	0.5	Rig down Weatherford and clear rig floor.	
1810.0	P21	P	G10	5	Pick up 13 3/8" temporary abandonment cap and RIH. Unable to pass 28.8m. POOH. Grind 2.25cm off each centraliser blade. RIH to 28.8m - unable to pass. POOH. Grind 3mm off each centraliser blade & RIH. Engage 13 3/8" MLS CSG hanger and set cap. POOH and lay out abandonment cap r/tool.	
1810.0	P21	P	G9	1	Pick up and make up 30" CSG spear.	
1810.0	P21	P	G12	2	RIH 30" spear, latch onto conductor, take weight of 30" conductor CSG and release tension on CTU. Remove Icon clamp on 30" conductor CSG.	

Date : 09 May 2008					Daily Cost : US\$ 1923130	Report Number : 18
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
1810.0	P21	P	G12		0.5	Continue removing Icon clamp and CTU insert.
1810.0	P21	P	G9		0.5	Back out Quick-Jay connection at seabed with 6k ft-lb. Pull 30" conductor to surface.
1810.0	P21	P	G9		2	Install 30" bushing. Attempt to remove 30" spear - unsuccessful. Lay out first 30" jnt with spear in place.
1810.0	P21	P	G1		1	Change out bails and 5 1/2" elevators for 30" elevators.
1810.0	P21	P	G9		2.5	Lay out 4 jnts 30" conductor including jnt with Quick-Jay pin connection.
1810.0	P21	P	G1		1	Rig down 30" handling equipment, change out bails & install BOP slings.
1810.0	P21	P	G1		2	Hold PJSM. Set aside work platform on Texas deck. Nipple down CTU & secure.
1810.0	P21	P	G8		0.5	M/up 30" trash cap on r/tool & RIH to 71m.
1810.0	P21	TP	G8	TP	1	ROV failure. POOH trash cap & rack back r/tool. Troubleshoot ROV problem
1810.0	P21	P	G9		2.5	Rig up BOP slings, clear equipment from CTU work platform & remove mousehole. Transfer work platform to main deck. Remove CTU to storage position. Remove choke line from CTU deck. Offline: Troubleshoot ROV
1810.0	P21	P	G1		3	Prepare rig for skidding. Hold PJSM. Pick up slings for making lift of CTU deck extension from boat. Rig down service lines. Skid rig out to position for lift off boat. Offline: Troubleshoot ROV

***** END OF WELL: WEST SEAHORSE - 3 *****