



Challenge with integrity

2014-05-03

From: Ray Kirby

To: Ian McClafferty

Well Data			Rig Side QC Done		
Resource:	Savanna 67	Cost Code:	6635233	Well Type:	CSG
RT to GL :	5.33 m	Daily Cost:	AUD 67,410	Production Casing I.D.:	6.366 in
Zone:	Bandanna Coals	AFE Cost:	AUD 1,907,000	HUD:	1,390.00 m
Latitude ( South ):	25 ° 41 ' 27.04 "	Cumulative Cost:	AUD 863,230	Tubing Pressure:	0.00 psi
Longitude ( East ):	149 ° 1 ' 0.15 "	AFE Days On Well:	15.80d	Production Casing Pressure:	0.00 psi
		Days On Well:	13.34d	Intermediate Casing Pressure:	
		Resource Phone	0428 247 629	Surface Casing Pressure:	0.00 psi
		Number:			
		F.I.T / L.O.T.	N/A/N/A		
Current Op's @ 0600:	Complete running in w/rod string. Space out & install drive head.				
Planned Operations:	Complete running PCP Completion & space out. Pressure test hanger seals. Rig out work floor & remove the BOP stack. Install the rod lock & pressure test. R/U work floor & RIH w/rotor & rod string. Space out rod string & pull 2 x rods leaving rotor suspended above stator. Install the drive head and test. Release rig from FV 12-08-1 to FV 12-08-2 (0 km).				
Objective:	Drill out collapsed production hole (Concept 10), RIH 4-1/2" liner assembly and PCP completion. Budget: IDWP&B				

**Summary of Period 0000 to 2400 Hrs**

RIH w/4-1/2" Fill Drill tool & liner assembly. Worked the fill drill tool & liner down to 1300m. Released the liner at 900 psi. POOH w/drill pipe & release sub. M/U and RIH 33K1200 PCP Completion assembly, landed the pump @ 1002.59 mMDRT. Pressure Tested hanger seals, N/D BOP's and N/U rodlock & pressure tested same.

**EHS Summary**

Events	Date of Last	Days Since	Description	Remarks
Pre-Job Safety Meeting	2014-05-03	0	PJSM x 2	Conduct well site safety meeting, operations briefing, discussion points and review any hazards involved.
Safety Meeting	2014-05-03	0	EOTSM x 2	Conduct EOTSM w/ crew. Discussed the observed hazards encountered and reviewed coach cards.
SOP Reviewed	2014-05-03	0	SOP Reviewed x 9	SOP 09.05.V02 - Loader operations SOP 05.17.V03 - Top drive operations SOP 01.02.V02 - Mixing chemicals SOP 09.18.V02 - POOH w/drill pipe SOP 09.18.V02 - RIH w/ drill pipe SOP 05.01.V02 - Laying down drill collars SOP 05.16.V04 - Catwalk operations SOP 09.01.V04 - Load/Unload Pipe/w Loader SOP 07.01.V01 - Change tong dies
Wellsite Permit to Work	2014-05-03	0	WPTW x 4	WPTW 008526 - Hot work WPTW 008527 - Hot work WPTW 008528 - Working at heights WPTW 008529 - Pressure testing
Hazard Hunt Conducted	2014-05-03	0	Hazard Hunt x 2	Conduct walk around hazard hunt.

**Operations For Period 0000 Hrs to 2400**

Phase	Cls	Op	From	To	Hrs	Activity Description
PH	P	SM	00:00	00:15	0.25	Conduct safety meeting on daily operations and discussions points, RIH w/liner & monitoring well for venting, pinch area's picking up drill string, good communication between all crew members. Crew change. De-briefing with out going crew and discussions on daily operations, hazards, review coaches cards. Conduct hazard hunt.
PH	P	T	00:15	06:15	6.00	Crew continued to RIH w/4-1/2" liner assembly. Conduct rotation test of 4-1/2" liner assembly @1044.27 mMDRT. Rotate at 10 RPM = 1700 ft/lbs, 15 RPM = 1700 ft/lbs. RIH to the 6-1/8" open hole section & tag @ 1282.88 mMDRT. Pump .5 bbl/min tripping in the hole. Work 4 1/2" slotted linear through 1283.62 mMDRT and continue to work slotted linear to TD.
PH	P	T	06:15	10:30	4.25	Continue to work slotted linear from 1296.68 mMDRT, working fill drill tool as required and making hole slowly with 4 1/2" slotted linear. Linear depth at 1300.55 mMDRT. Contact RO and confirm depth. Top fill drill pipe capacity and shear off release tool at 902 psi, confirm tag top of 4 1/2" liner. Top of liner 36m up into 7" casing, 1010.29 mMDRT.



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Operations For Period 0000 Hrs to 2400

Phase	Cls	Op	From	To	Hrs	Activity Description
PH	P	T	10:30	12:00	1.50	TBM, POOH 2 7/8" HT 31 drill pipe laying out sideways and service, place in pipe bins. POOH 3 x 4 1/8" drill collars.
PH	P	SM	12:00	12:15	0.25	Conduct safety meeting on daily operations, discussion points: tripping and POOH drill pipe and collars, preparing completion BHA and RIH, installing hanger, engaging tie down bolts, pressure testing, R/D work floor and N/D BOP's, Install rod lock and test. Crew change out. Held de-briefing with crew and discussion points, hazards, review coaches cards.
PH	P	T	12:15	13:15	1.00	Continue to POOH 7 x 4 1/8" drill collars and 68 2 7/8" HT31 drill pipe.
PH	P	HBHA	13:15	15:00	1.75	Out of hole. Prepare completion BHA. Place tbg on pipe racks.
PH	P	T	15:00	18:00	3.00	TBM, M/U and RIH 33K1200 PC Pump top tag (S/N: 130149, V3772K0063), 1 x 6ft x 3 1/2" eue pup jt, X-over 3 1/2" x 2 7/8" eue, 1 x 4ft x 2 7/8" pup jt and continue to RIH 2 7/8" eue J55 6.5 lbs/ft tbg monitoring torque on connections.
PH	P	T	18:00	19:00	1.00	Complete running in w/PCP Completion, land the tubing hanger. Land pump at 1002.59 mMDRT. Measure & torque lock screws.
PH	P	PT	19:00	19:15	0.25	P/T the tubing hanger to ensure the hanger seals are holding. Tests confirmed good.
PH	P	RUD	19:15	23:30	4.25	Rig crew R/D, moved the catwalk clear & spotted the b.o.p trailer into position. Pumping 0.6 bbl/min to keep well from venting. R/D the work floor & remove the b.o.p stack. Installed the rod lock & wellhead. Pumped 20 bbl down the tubing.
PH	P	PT	23:30	24:00	0.50	Installed the TWCV & P/T the ring seal on the wellhead & rod lock. Observed P/T no leaks.

Operations For Period 0000 Hrs to 0600

Phase	Cls	Op	From	To	Hrs	Activity Description
PH	P	SM	00:00	00:15	0.25	Conduct safety meeting on daily operations, pressure testing, Install rod lock and test. R/U work floor to RIH w/rod string. Count & double check rod string grade prior to RIH. Confirm count. Crew change out. Held de-briefing with crew and discussion points, hazards, review coaches cards. Discussed pumping to keep well from venting.
PH	P	PT	00:15	00:30	0.25	Complete P/T on ringseal & rod lock. Record test on crystal gauge.
PH	P	RUD	00:30	01:30	1.00	R/U the work floor. Prepared the rod string to RIH. Confirm count & rod grade prior to running rod string.
PH	P	TR	01:30	06:00	4.50	[In Progress] RIH w/rod string consisting of: Rotor, Kudu 33K-1200 Paddle - 7/8"SR, (S/N:3772K0063) 1x 7/8" Sucker rod, EL Grade ( c/w 1 spin type guide below/above coupling ) 5x 7/8" Sucker rod, EL Grade ( c/w 3 spin type guides) 97x 7/8" Sucker rod, EL Grade ( c/w 4 spin type guides) 25x 7/8" Sucker rod, EL Grade ( c/w 2 spin type guides) 2 x 7/8" ( 2 x 6' ) Pony rods EL Grade 1x 7/8" Sucker rod, Norris Grade 97 ( No guides ) Tagged on sucker rod 131, space out 0.56 m of tap, M/U Polish Rod, 1-1/4" Lenght 26', connection 7/8" and pony 2 x 6ft pony rods and RIH confirm tag, pump and pressure to 500 psi to confirm rotor in stator. Pull 2 x 2 guide EL sucker rods, leaving rotor suspended above stator.

Bulk Stocks

Owner	Stock Name	Unit	Used	Balance	Comment
Contractor	Camp Fuel	Litres	200	2,100	
Contractor	Potable Water - Camp	Litres	1,000	20,000	
Contractor	Rig Fuel	Litres	1,210	15,270	Air Packs = 0L
Contractor	Potable Water - Rig	Litres	400	9,900	
Operator	KCL (Potassium Chloride)	Sax/s	123	86	

\* stocks that were replaced.

WBM Data		Cost Today :			Cumulative Cost AUD 0	
Mud Type:	Kill Fluid	Viscosity	API FL Loss:	Cl:		Solids:
Depth:		PV	Filter Cake:	KCl:	3.00 %	H2O:
Time:	24:00	YP	HTHP FL:	Hard/Ca:		Oil:
Mud	8.40 ppg	Gels 10s/10m	HTHP Cake:	MBT:		Sand:
Weight:		Fann (3/6/100):	/ /			
Temp:				PM:		pH:
				PF:		PHPA:
Comment:						



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Mud Volumes			
Volume Check #:	14	Daily Fluid Pumped (DH):	744.00 bbl
Mud Tank Volume on Hand:	40.00 bbl	Cum. Fluid Pumped (DH):	6,004.00 bbl
Aux Storage Volume on Hand:	50.00 bbl	Daily Fluid Losses (DH):	744.00 bbl
		Cum. Fluid Losses (DH):	1,872.00 bbl
Comment: 2 x 500bbl Savanna Frac Tank			

Personnel On Board						
Primary Contractor	Sub-Contractor	Name	Job Title	Manhour	Comment	Pax
Fendley Consultancy		R. Kirby	OCR	Yes		1
Fendley Consultancy		D.Jones	Night OCR	Yes		1
Savanna		D.Pasman	RM	Yes		1
Savanna		M.Billard	Night RM	Yes		1
Savanna		F.Sawyer	Driller	Yes		1
Savanna		Hartt O'Hearn	Driller	Yes		1
Savanna		A.Moore	Derrick Hand	Yes		1
Savanna		J. Oldham	Derrick Hand	Yes		1
Savanna		S.Khoshnebisian	Motor Hand	Yes		1
Savanna		B.Matthews	Motor Hand	Yes		1
Savanna		C.Rice	Floor Hand	Yes		1
Savanna		M.Behrendt	Floor Hand	Yes		1
Savanna		C.Capern	Lease Hand	Yes		1
Savanna		A.Graham	Lease Hand	Yes		1
Savanna		A.Miekle	Electrician	Yes		1
Savanna		G.McIntyre	Rig Mechanic	Yes		1
Savanna		D.Goldsworthy	Camp Cook	Yes		1
Savanna		J.Wiedmier	Camp Assistant	Yes		1
Savanna		C.Simmons	Camp Night Cook	Yes		1
Tom Darlington Transport		1 x TDT Truck Driver	Truck Driver	Yes		1
Savanna		H.Brandon		Yes	Assistant Driller	1
Savanna		P.Dever	EHS Advisor	Yes	Savanna HSE	1
Resource Capacity, Max = 0.0				.00%	Total Pax:	22