

4 Jikara Drive
Glen Osmond SA 5064
Phone : 61 8 83387266
Fax : 61 8 83387277
ABN : 13 211 314 811



DRILLING FLUID SUMMARY

FOR : CENTRAL PETROLEUM

WELL : SIMPSON # 1

PEDIRKA BASIN

NORTHERN TERRITORY

Prepared by : Peter Burke
Andre Skujins

Date : October 2008

Operator : Central Petroleum
Well : Simpson # 1
Rig : Hunt Rig 2
Spud : October 1st 2008



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1. SUMMARY OF OPERATIONS

Simpson #1 was spudded at 12.30 hrs on the 1st October, 2008 using Hunt Rig #2 and reached a depth of 2165 m, on the 18th October, 2008.

The drill water was sourced from the local bore and had the following properties:-

pH	8.0
Chlorides	3500 mg/l
Hardness	360 mg/l

The conductor was set at 9.5 m. The 9-5/8" casing was set at 795 m.

HOLE SIZE : 12¹/₄"
MUD TYPE : Aus Gel Spud Mud
INTERVAL : 0 - 804 m
CASING : 9-5/8" @ 795 m

Aus Gel bentonite was mixed in drill water to obtain a viscosity of approximately 50 sec/qt and this fluid was used to drill out the rat hole, mouse hole and then to start the 12¹/₄" hole section. KCl was pre mixed and ready to add at the first sign of sticky clays at the shakers. The addition of the KCl brine started at 95 m and continued to the section TD. The K⁺ ion was run between 2 and 5% by weight.

The drilling of this section was finished in 3 days without major hole or drilling problems being encountered. The cuttings at the shakers were firm and competent.

The bit became balled up at 279 m and was pulled and cleaned. The KCl percent by weight in the active system was raised to 5% by additions of 8% by weight premixes.

Drilling continued adding water and KCl to maintain the percent by weight at 5%.

At 804 m Total Depth for this section was called. The wiper trip showed large blocky cavings and reaming to bottom was required. Also some down hole losses were experienced.

The casing was run successfully to 795 m but when circulation started the casing became stuck.

A diesel-Rod free pill was mixed with 3,000 litres diesel, 20 bbls mud and 3% of Rod free. This was spotted down hole around the shoe and 0.5 bbls pumped every

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10 minutes. The pill was then circulated up the annulus in stages in an attempt to free the casing. The diesel reached surface without success.

Then a SAPP mix at 10 % was pumped and spotted around the suspected stuck zone 300 – 500 m. The pipe was worked but to no avail. The hole was circulated encountering large losses and then the casing was cemented in place with the shoe being at 795 m.

Some losses were encountered during the cement job but returns returned and cement was seen at the surface.

The casing was cut and a Braden head attached before nipping up and testing the BOP's.

All mud tanks were dumped and cleaned. then made ready to drill out the casing for the next section.

HOLE SIZE	: 8½"	
MUD TYPE	: KCI/PHPA	KCI/PHPA/ Pac-R
INTERVAL	: 795 – 2165 m	1000 – 2165 m

The fresh 2% KCl brine was mixed into the surface system for the drilling out of the 9-5/8" casing.

A new BHA with bit #2, a tricone and 3 x 12 jets was made up and run to the top of the cement at approximately 777 m. The cement, shoe track and 3 m of new formation were drilled to 806 m.

The new mud was added as drilling cement continued. After the hole was circulated clean and the mud balanced an FIT was conducted to 14.0 ppg equivalent mud weight. The mud weight was 8.7 ppg.

Drilling commenced with steady additions of pre-mixed mud from the pill tank. KCl concentration was maintained at around 2 – 3% and the PHPA concentration was slowly being increased. The sand trap was dumped occasionally and the Desilter was run throughout this section.

At 850 m Pac-R was added to reduce the filtrate to below 8.0 cc's. Xanthan Gum was also added to further help increase the yield point to 12 – 18 lbs/100 ft². The mud weight slowly increased towards 9.0 ppg and the remained constant at 9.0 - 9.1 ppg.

At 1048 m the pump pressure was steadily reducing and a trip was made to find a suspected washout. There were 2 washouts in joints 27 and 28. The bit was run to bottom and drilling recommenced after reaming the bottom couple of stands.

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At around 1400 m, the KCl percent by weight had reduced to 1.8% because the chemical delivery had been delayed. However the formation was mostly fine siltstone rather than claystone and few problems occurred.

Fresh premix pre-treated with biocide was added to maintain constant properties and the mud weight was kept as low as possible between 8.9 and 9.2 ppg.

At 1898 m the bit was changed to a PDC bit which could only drill to 1999 m before it was worn. A JTC bit was picked up and run into the hole but the jets became blocked and another trip was made to clear the jets.

Drilling continued, the mud weight rose to 9.3 ppg and more premixes were added continually whilst the sand trap was dumped more often. There were no reserve pits available so excess mud was dumped. Large amounts of coal were seen at the shakers all the way down to nearly 2100 m. At this depth sump water was added to build 50% of the premixes required. Extra biocide was added and the pH was raised.

At 2077 m it was decided to change the bit. The new bit drilled slowly without incident to total depth at 2165 m where a wiper trip was made prior to logging.

The logs were then run. It was decided to plug and abandon the well on the 20th October, 2008. Extra oxygen scavenger and corrosion inhibitor were added prior to laying out the pipe sideways

The rig was released on the Wednesday the 22nd October, 2008.

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2. RECOMMENDATIONS AND WELL ANALYSIS

Simpson # 1 was completed to a Total Depth of 2165 m on the 17th October, 2008, for a total mud cost of \$58,935.05 or \$27.22 per metre. The well was drilled by Hunt Energy #2 rig.

The rigs solids control equipment worked well. The 2 DFE linear motion shakers were fitted with 110 mesh screens for the main hole and worked well, the De-silter was used on a permanent basis, to reduce the solids in the mud.

12¼" Surface Hole

This 804 m section was drilled for a mud cost of \$12,088.09 or \$15.03 per metre. The extra costs incurred for the section were primarily due to the casing becoming stuck and sweeps being pumped to free the casing prior to cementing.

Mud properties were generally fairly good in this section of hole. The KCl concentration was run at good inhibitive levels (3.5 – 5%) and cuttings were noted to be firm and fairly dry inside. The mud weight was quite low, having averaged 8.9 – 9.0 ppg throughout the interval. Consequently the casing became stuck close to the projected casing point was somewhat of a surprise. Being a relatively rare occurrence, it's not felt that spending many \$1000's on improving general mud and filtration properties is worthwhile, especially as improving properties would not necessarily guarantee against a further occurrence.

8½" Production Hole

This section length was 1361 m and the mud cost was \$46,846.96 or \$34.42 per metre.

A simple KCl PHPA based fluid was used in the top section of hole, combined with some spud mud from the previous section. KCl was added for a concentration of approximately 2.5% and PHPA was added, initially at a low concentration. This was built up however, as drilling continued and the mud sheared.

At approximately 850 m, the mud properties were improved. Pac-R was introduced to lower the Fluid Loss to below 8 cc's. It had the additional benefit of increasing the Yield Point. As the fluid loss came into specifications, more Xanthan Gum was added to help maintain the yield point at around 12 – 18 lbs/100 ft².

Sodium sulphite was added to lower dissolved oxygen levels, so as to prevent corrosion. Caustic Soda was used to maintain the pH in the region of 8.7 – 9.2.

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The solids control equipment worked adequately for the entire well. The mud weight in this section was maintained at no more than 9.2 ppg, with dilution levels being quite reasonable, indicating that solids control was effective.



3. INTERVAL COSTS

Product			12-1/4" Surface Hole			8-1/2" Production Hole			Total Well Consumption		
	Interval :		0 - 804 m			804 m - 2165 m			0 - 2165 m (TD)		
	Cost	Unit Size	Used	Cost	%Cost	Used	Cost	%Cost	Used	Cost	%Cost
AMC Biocide G	\$ 185.35	25 kg				14	\$2,594.90	5.5%	14	\$2,594.90	4.4%
AMC Pac R	\$ 162.50	25 kg				71	\$11,537.50	24.6%	71	\$11,537.50	19.6%
Aus-Gel	\$ 14.25	25 kg	64	\$912.00	7.5%	22	\$313.50	0.7%	86	\$1,225.50	2.1%
Baryte	\$ 8.45	25 kg	20	\$169.00	1.4%	231	\$1,951.95	4.2%	251	\$2,120.95	3.6%
Caustic Soda	\$ 56.00	25 kg	6	\$336.00	2.8%	25	\$1,400.00	3.0%	31	\$1,736.00	2.9%
Lime	\$ 9.40	25 kg				1	\$9.40	0.0%	1	\$9.40	0.0%
PHPA	\$ 127.00	25 kg				27	\$3,429.00	7.3%	27	\$3,429.00	5.8%
Potassium Chloride (Tech)	\$ 26.75	25 kg	355	\$9,496.25	78.6%	430	\$11,502.50	24.6%	785	\$20,998.75	35.6%
Rod-Free	\$ 130.00	25 kg	4	\$520.00	4.3%				4	\$520.00	0.9%
SAPP	\$ 72.76	25 kg	9	\$654.84	5.4%				9	\$654.84	1.1%
Soda Ash	\$ 21.60	25 kg				39	\$842.40	1.8%	39	\$842.40	1.4%
Sodium Sulphite	\$ 33.40	25 kg				22	\$734.80	1.6%	22	\$734.80	1.2%
Wildcat 410	\$ 168.94	25 lt				4	\$675.76	1.4%	4	\$675.76	1.1%
Xan-Bore	\$ 359.25	25 kg				33	\$11,855.25	25.3%	33	\$11,855.25	20.1%
Totals :				\$12,088.09	100.0%		\$46,846.96	100.0%		\$58,935.05	100.0%
Cost per Metre :				\$15.03			\$34.42			\$27.22	



4. MATERIALS RECONCILIATION

Previous Well : CBM 93-1
Well : Simpson # 1
Transferred to : Adelaide Stores

PRODUCT	UNIT	TOTAL RECEIVED	TOTAL USED	TRANSFER BALANCE
AMC Biocide G	25 lt	14	14	
AMC Defoamer	25 lt	12		12
AMC Pac R	25 kg	139	71	68
Aus-Gel (Aust)	25 kg	168	86	82
Baryte	25 kg	651	251	400
Calcium Chloride	25 kg	10	1	9
Caustic Soda	25 kg	35	31	4
Guar Gum	25 kg	6		6
Lime	20 kg	10	1	9
PHPA	25 kg	99	27	72
Potassium Chloride (Tech)	25 kg	827	785	42
Quikseal F	18.7 kg	59		59
Quikseal M	18.7 kg	50		50
Quilseal C	18.7 kg	50		50
Rod-Free	25 kg	8	4	4
SAPP	25 kg	19	9	10
Soda Ash	25 kg	39	39	
Sodium Sulphite	25 kg	52	22	30
Wildcat 410	25 lt	4	4	
Xanthan Gum	25 kg	55	33	22
Xtra-Sweep	5.5 kg	8		8



5. FLUID PROPERTIES SUMMARY

Date	Mud Type	Temp	Depth	Weight	Vis	PV	YP	Gels		Filtrate		Solids				pH	Pf	Mf	Cl-	Ca++	SO3=	K+	KCl
								10 sec	10 min	API	Cake	Solids	Water	Sand	MBT								
1-Oct-08	Spud Mud	32	45	8.80	36	10	26	6	10	nc		3.1	96.9	0.2	5.0	9.0			3,500	360			
		34	100	9.00	35	10	25	6	10	nc		2.9	97.1	0.3	5.0	9.0			18,000	400		19,184	3.6
2-Oct-08	Spud Mud	33	279	8.90	35	9	26	6	11	nc		2.9	97.1	0.2	10.0	9.0			16,000	400		17,833	3.3
		35	500	8.90	37	10	27	8	14	nc		2.2	97.8	0.2	15.0	8.5			24,000	600		28,101	5.2
3-Oct-08	Spud Mud	40	600	8.90	37	12	22	6	10	nc		1.9	98.1	0.2	12.5	9.0			20,000	480		27,020	5.0
		41	804	9.00	38	14	20	8	14	nc		2.7	97.3	0.2	15.0	9.0			19,000	480		25,939	4.8
4-Oct-08	Spud Mud	38	804	8.90	37	12	23	8	15	nc		1.9	98.1	0.2	15.0	8.5			18,000	480		25,399	4.7
		38	804	8.90	37	12	23	8	15	nc		1.9	98.1	0.2	15.0	8.5			18,000	480		25,399	4.7
5-Oct-08	Spud Mud	36	804	9.00	35	10	25	6	9	nc		2.9	97.1	tr	10.0	8.0			15,000	440		21,616	4.0
6-Oct-08	KCl/Polymer		804	8.60	40	12	18	4	9	9.0	1	1.2	98.8		2.5	9.0	0.10	0.20	16,500	400	100	13,510	2.5
7-Oct-08	KCl/Polymer	34	807	8.70	39	10	20	5	10	9.4	1	1.8	98.2		2.5	9.0	0.10	0.22	16,500	520	100	15,131	2.8
8-Oct-08	KCl/Polymer	38	899	8.70	36	10	14	5	9	8.6	1	1.8	98.2	tr	5.0	9.0	0.10	0.25	15,000	480	100	14,050	2.6
		40	1048	9.00	37	10	15	5	10	8.8	1	4.0	96.0	0.2	5.0	9.0	0.10	0.22	14,500	480	100	13,510	2.5
9-Oct-08	KCl/Polymer	42	1100	8.90	37	10	16	5	10	9.0	1	3.4	96.6	0.2	5.0	8.8	0.08	0.15	13,000	440	100	11,889	2.2
		44	1260	9.10	42	11	19	6	12	8.5	1	4.8	95.2	0.3	7.5	8.8	0.08	0.15	13,000	400	100	11,348	2.1
10-Oct-08	KCl/Polymer	45	1420	9.10	44	11	20	6	12	8.0	1	4.9	95.1	0.3	7.5	8.9	0.10	0.22	12,000	400	50	9,727	1.8
		46	1620	9.10	40	12	16	6	12	7.6	1	5.0	95.0	0.3	7.5	8.7	0.07	0.20	11,500	400	50	9,187	1.7
11-Oct-08	KCl/Polymer	45	1730	9.00	39	14	13	6	14	7.0	1	4.3	95.7	0.2	7.5	8.7	0.05	0.11	11,000	400	50	8,646	1.6
		45	1798	9.10	42	14	16	6	14	7.0	1	4.6	95.4	0.2	10.0	8.7	0.05	0.10	17,000	440	50	15,131	2.8
12-Oct-08	KCl/Polymer	43	1798	9.00	41	12	18	6	14	7.6	1	3.9	96.1	0.2	10.0	8.8	0.05	0.11	18,000	440	50	16,212	3.0
		45	1899	9.00	40	14	14	6	13	7.8	1	3.7	96.3	0.2	7.5	8.8	0.05	0.10	19,000	440	50	18,374	3.4
13-Oct-08	KCl/Polymer	45	1899	9.00	40	15	12	6	13	7.8	1	3.9	96.1	0.2	7.5	9.0	0.10	0.10	18,000	400	50	16,212	3.0
		45	1922	9.00	41	15	13	6	14	8.0	1	3.9	96.1	0.2	7.5	9.3	0.15	0.25	17,500	400	20	15,672	2.9
14-Oct-08	KCl/Polymer	44	1945	9.10	40	14	13	6	12	7.4	1	4.6	95.4	0.2	7.5	9.2	0.12	0.22	17,000	400	20	15,100	2.8
		46	2000	9.00	39	10	16	7	15	8.6	1	3.9	96.1	0.2	7.5	9.1	0.10	0.20	15,000	400	tr	14,591	2.7
15-Oct-08	KCl/Polymer	46	2055	9.00	38	9	17	6	12	8.2	1	3.9	96.1	0.25	7.50	9.0	0.05	0.15	16,000	400	tr	15,131	2.8
		46	2077	9.10	36	10	14	6	12	8.6	1	4.5	95.5	0.2	7.5	9.0	0.05	0.10	15,000	400	tr	15,131	2.8
16-Oct-08	KCl/Polymer	45	2085	9.10	37	10	16	6	10	8.4	1	4.5	95.5	0.1	7.5	9.1	0.10	0.15	17,000	440	tr	15,672	2.9
		45	2105	9.20	41	12	16	6	14	8.0	1	5.2	94.8	0.1	5.0	9.0	0.07	0.12	17,500	400	tr	16,212	3.0
17-Oct-08	KCl/Polymer	46	2140	9.20	39	13	15	6	12	7.8	1	5.2	94.8	0.1	5.0	9.2	0.08	0.14	16,000	400	tr	15,131	2.8
		45	2165	9.10	38	9	17	6	12	8.0	1	4.5	95.5	0.2	5.0	9.1	0.10	0.16	14,000	400	120	13,510	2.5
18-Feb-08	KCl/Polymer	42	2165	9.00	36	10	14	5	12	8.2	1	3.6	96.4	0.1	5.0	9.1	0.08	0.12	13,500	400	100	12,970	2.4
19-Oct-08	KCl/Polymer	42	2165	9.00	36	10	14	5	12	8.2	1	3.6	96.4	0.1	5.0	9.1	0.08	0.12	13,500	400	100	12,970	2.4
20-Oct-08	KCl/Polymer	43	2165	9.00	36	10	14	5	12	8.2	1	3.6	96.4	0.1	5.0	9.1	0.08	0.12	13,500	400	100	12,970	2.4

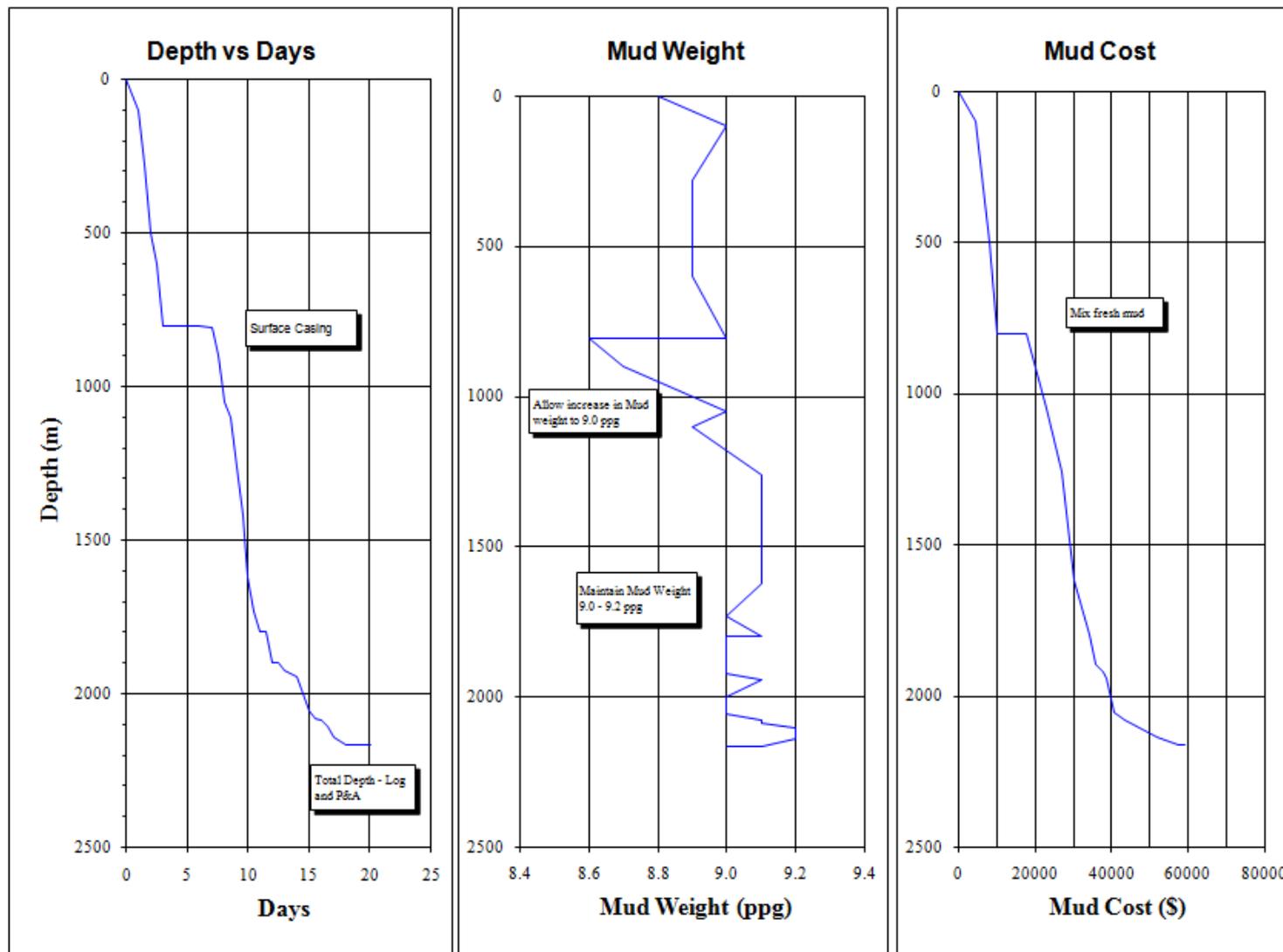


6. Mud Volume Analysis

Date	Hole Size	Interval		Mud Type	Fluid Built & Received					Fluid Disposed					Summary				
		From	To		Fresh Premix	Sump Premix	Direct Recirc	Water	Other	De-sander	De-silter	Centrifuge	Down-hole	Dumped	Other	Initial	Received	Disposed	Final
1-Oct-08	12-1/4"	0 m	100 m	Spud Mud				355		0	0			72		0	355	72	283
2-Oct-08	12-1/4"	100 m	500 m	Spud Mud				333		23	41		53	90		283	333	207	409
3-Oct-08	12-1/4"	500 m	804 m	Spud Mud				400		38	55		38	78		409	400	208	601
4-Oct-08	12-1/4"	804 m	804 m	Spud Mud				300		0	10		159	123		601	300	292	609
5-Oct-08	12-1/4"	804 m	804 m	Spud Mud				250	20	0	0		330	80		609	270	410	469
Sub Total					0	0	0	1638	20	61	106	0	579	443	0		1658	1189	
6-Oct-08	8-1/2"	804 m	804 m	KCl Polymer				200		0	0		47	160		469	200	207	462
7-Oct-08	8-1/2"	804 m	807 m	KCl Polymer				50		0	0		43	25		462	50	68	444
8-Oct-08	8-1/2"	807 m	1048 m	KCl Polymer				170		0	43		34	60		444	170	137	477
9-Oct-08	8-1/2"	1048 m	1260 m	KCl Polymer				200		5	27		58	65		477	200	156	521
10-Oct-08	8-1/2"	1260 m	1620 m	KCl Polymer				200		7	45		38	55		521	200	145	577
11-Oct-08	8-1/2"	1620 m	1798 m	KCl Polymer				160	20	6	36		50	32		577	180	124	632
12-Oct-08	8-1/2"	1798 m	1899 m	KCl Polymer				120	20	3	27		76	15		632	140	121	652
13-Oct-08	8-1/2"	1899 m	1923 m	KCl Polymer				80	20	2	31		16	35	15	652	110	99	663
14-Oct-08	8-1/2"	1923 m	1945 m	KCl Polymer				40	10	1	9		24	15	20	663	80	69	674
15-Oct-08	8-1/2"	1945 m	2075 m	KCl Polymer				50	20	2	31		26	25	25	674	110	108	676
16-Oct-08	8-1/2"	2075 m	2085 m	KCl Polymer				50	20	1	15		57	33		676	100	106	670
17-Oct-08	8-1/2"	2085 m	2142 m	KCl Polymer				140	35	3	41		57	66		670	205	167	708
18-Feb-08	8-1/2"	2142 m	2165 m	KCl Polymer				120		1	15		64	65		708	120	145	683
19-Oct-08	8-1/2"	2165 m	2165 m	KCl Polymer				40		0	0		45	15		683	40	60	663
20-Oct-08	8-1/2"	2165 m	2165 m	KCl Polymer						0	0		32	50		663	0	82	581
Sub Total					0	0	140	1620	145	29	320	0	668	716	60		1905	1793	
Well Total					0	0	140	3258	165	90	426	0	1248	1159	60		3563	2982	

Dilution Factors			
	Interval Length	Dilution Vol	Dilution Factor
12¼" Surface Hole	804 m	1558 bbls	1.9 bbls/m
8½" Hole	1361 m	1605 bbls	1.2 bbls/m

7. Graphs





8. DAILY DRILLING FLUIDS REPORTS



DRILLING FLUID REPORT



Report #	4	Date :	4-Oct-2008
Rig No	2	Spud :	1st October, 2008
Depth	804	to	804 Metres

OPERATOR	Central Petroleum Limited	CONTRACTOR	Hunt Energy
REPORT FOR	Eric Gardiner	REPORT FOR	Mick Harvey
WELL NAME AND No	Simpson #1	FIELD	EP97
		LOCATION	Pedrika Basin
		STATE	Northern Territory

DRILLING ASSEMBLY		JET SIZE		CASING		MUD VOLUME (BBL)		CIRCULATION DATA									
BIT SIZE	TYPE	16	16	16	16	SURFACE SET @	9 ft	HOLE	PITS		PUMP SIZE		CIRCULATION				
12.25	JST11XC	14				3	M	360	220		16	X	5.5	Inches	PRESS (PSI)	920	psi
DRILL PIPE SIZE	TYPE	Length			INTERMEDIATE SET @	ft	M	TOTAL CIRCULATING VOL.		PUMP MODEL	ASSUMED EFF		BOTTOMS				
4.5	#	635	Mtrs					620		Emsco/TSM	97 %		UP (min)				
DRILL PIPE SIZE	TYPE	Length			PRODUCTION. or LINER Set @	ft	M	IN STORAGE		BBL/STK	STK /MIN		TOTAL CIRC.				
4.50	HW	54	Mtrs					40		0.1335	111		TIME (min)				
DRILL COLLAR SIZE (")	Length			MUD TYPE					BBL/MIN	GAL / MIN		ANN VEL.		DP	114	Lam	
6.43	8.00	93	Mtrs		Spud Mud					14.37	600		(ft/min)	DCs	136	172	Lam

SAMPLE FROM		MUD PROPERTIES		MUD PROPERTY SPECIFICATIONS					
TIME SAMPLE TAKEN		fl		Mud Weight	alap	API Filtrate	HPHT Filtrate		
DEPTH (ft) - (m)	Metres	804	804	Plastic Vis		Yield Point	pH		
FLOWLINE TEMPERATURE	⁰ C / ⁰ F	38	38	KCl		PHPA	Sulphites		
WEIGHT	ppg / SG	8.90	1.068	OBSERVATIONS Add water for dilution. Maintain KCl% 4% by wt. Diesel Pill 3000 litres diesel 3% Rod Free 15 bbls mud. OPERATIONS SUMMARY Ream to btm. Circulate hole clean. POOH for casing Run casing to bottom. Circ. Casing stuck. Mix diesel Rod Free pill and spot downhole. Work casing. Pump 0.5bbls/10mn					
FUNNEL VISCOSITY (sec/qt) API @	⁰ C	37	37						
PLASTIC VISCOSITY cP @	⁰ C	12	12						
YIELD POINT (lb/100ft ²)		23	23						
GEL STRENGTHS (lb/100ft ²) 10 sec/10 min		8.15	8.15						
RHEOLOGY θ 600 / θ 300		47	35					47	35
RHEOLOGY θ 200 / θ 100		25	21					25	21
RHEOLOGY θ 6 / θ 3		12	7					12	7
FILTRATE API (cc's/30 min)		nc	nc						
HPHT FILTRATE (cc's/30 min) @	⁰ F								
CAKE THICKNESS API : HPHT (32nd in)									
SOLIDS CONTENT (% by Volume)		1.9	1.9						
LIQUID CONTENT (% by Volume) OIL/WATER		98.1	98.1						
SAND CONTENT (% by Vol.)		0.20	0.20						
METHYLENE BLUE CAPACITY (ppb equiv.)		15.0	15.0						
pH		8.5	8.5						
ALKALINITY MUD (Pm)									
ALKALINITY FILTRATE (Pf / Mf)									
CHLORIDE (mg/L)		18,000	18,000						
TOTAL HARDNESS AS CALCIUM (mg/L)		480	480						
SULPHITE (mg/L)									
K+ (mg/L)		24,675	24,675						
KCl (% by Wt.)		4.7	4.7						
PHPA (ppb)									
ECD (ppg)									

Mud Accounting (bbls)				Solids Control Equipment									
FLUID BUILT & RECEIVED		FLUID DISPOSED		SUMMARY		Type	Hrs	Cones	Hrs	Size	Hrs		
Premix (drill water)		Desander		INITIAL VOLUME	612	Centrifuge		Desander	2	Shaker #1	3x84	12	
Premix (recirc from sump)		Desilter	10	+ FLUID RECEIVED	300	Degasser		Desilter	12	4	Shaker #2	3x84	12
Drill Water	300	Downhole	159										
Direct Recirc Sump		Dumped	123	- FLUID LOST	292			Overflow (ppg)	Underflow (ppg)	Output (Gal/Min.)			
Other (eg Diesel)		Other		+ FLUID IN STORAGE	40	Desander			0				
TOTAL RECEIVED	300	TOTAL LOST	292	FINAL VOLUME	660	Desilter	10.3		8.9	1.80			

Product	Price	Start	Received	Used	Close	Cost	Solids Analysis		Bit Hydraulics & Pressure Data		
Potassium Chloride (Tel)	\$ 26.75	126		32	94	\$ 856.00		%	PPB	Jet Velocity	260
Rod-Free	\$ 130.00	4		4		\$ 520.00	High Grav solids			Impact force	718
							Total LGS	1.9	18.5	HHP	189
							Bentonite	1.6	14.8	HSI	1.6
							Drilled Solids	0.3	2.9	Bit Press Loss	540
							Salt	1.1	10.4	CSG Seat Frac Press	
							n @ 1000 Hrs	0.43		Equiv. Mud Wt.	
							K @ 1000 Hrs	12.63		Max Pressure @ Shoe :	
							DAILY COST		CUMULATIVE COST		
							\$1,376.00		\$11,452.80		

Any opinion and/or recommendation, expressed orally or written herein, has been prepared carefully and may be used if the user so elects, however, no representation or warranty is made by ourselves or our agents as to its correctness or completeness, and no liability is assumed for any damages resulting from the use of same.

