DIMENSION BID
WELL INTERVENTION | PERFORATION SERVICES

FIELD QUICK LOOK REPORT
GR-CCL SURVEY

Client	:	PCSB
Field	:	SAMARANG KECHIL
Well Name	:	SMK-A01L
Survey Date	:	22/08/2024

Service Company : DIMENSION BID (MALAYSIA) SDN.BHD

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FIELD LOG QUALITY CHECK - GRCCL

Tubing Size	:	2-7/8" 6.4 ppf L-80	Max Temperature	:	N/A
Casing Size	:	9-5/8"	Max Pressure	:	N/A
Survey Objective	:	Correlation GR-CCL	Survey Condition	:	Shut In

Log Presentation		**Comments**
1. Standard presentation	/	
2. Correct curve scale	/	
3. Log Annotation	/	
4. Curve labelling	/	
5. Surface test data	/	BENCH TEST OBTAIN GOOD DATA
6. Well Test Result	N/A	*N/A*

Tool Data Quality

Good: tick /; X : Fail; N/A: No Data

No	Sensor	Serial No	Reliability	Repeatability	Noise	Anomaly	Tool Failure	Comment
1	PGR	51385	/	/	/	/	/	
2	CCL	CHS18WS-F019	/	/	/	/	/	
3	QPS	10010369	/	/	/	/	/	
4	PRT	10022305	/	/	/	/	/	
5								
6								
7								
8								
9								
10								

Operational Highlights	**Comment**
1. Depth matching	REFERENCE TO OHGR PROVIDED
2. Logging speed	~ 30 FT/MIN
3. Any obstruction	NO OBSTRUCTION OBSERVED
4. Any debris on tool	NO
5. PR No related	N/A

Additional Remarks

Put picture for evidence in the event of tool failure.

Prepared by:

Name: MOHAMAD SAHIR BIN MOHD SAMSURI
Position: JUNIOR FIELD ENGINEER
Date: 22 AUGUST 2024

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GRCCL SEQUENCE OF EVENTS

Client	: PCSB		**SITHP (psig)**	:	170
Field	: SAMARANG KECHIL		**RKB Elevation**	:	51.75 FTBDF
Well No.	: SMK-A01L		**Deviation (deg)**	:	33.82
Tubing	: 2-7/8" 6.4 ppf L-80				
Well Type	: Gas Producer				
Survey Date	: 22 August 2024				
Survey Objective	: To perform correlation prior memory raptor run				
Survey Duration	: 6 hours				

Time (hrs)	Event Description	Remarks
1030H	Programmed UMT Memory section.	
1040H	Hooked up battery to GRCCL tool.	
1050H	Hooked up GRCCL to wireline tool string.	
1055H	Open well.	
1100H	RIH with line speed of 90ft/min to set depth at **10570 ftMDTHF**	
1413H	GRCCL at set depth **10570 ftMDTHF**. Flag the wire(blue).	
1418H	Log up 30ft/min from **10570 ftMDTHF until 10200 ftMDTHF.**	PASS 1
1431H	Stop at **10200 ftMDTHF** for 5 minutes	
1436H	RIH with line speed of 90ft/min to set depth at **10570 ftMDTHF**	
1440H	GRCCL at set depth **10570 ftMDTHF**. Wait 5 minutes.	
1445H	Log up 30 ft/min from **10570 ftMDTHF to 10200 ftMDTHF.**	PASS 2
1457H	Stop at **10200 ftMDTHF** for 5 minutes	
1500H	POOH to surface.	
1700H	Tool at surface, Close well and Depressurized Lubricator.	
1715H	Disconnect Battery	
1720H	Download Correlation Data and Depth Recorder	
1730H	Verify the data and performed QA/QC analysis	

Note: *All GRCCL and Depth data were downloaded successfully with good quality data. Survey depth is based on Wireline depth.*

I, the undersigned, justified that the above services and equipment have been provided.

Junior Field Engineer

Name: MOHAMAD SAHIR BIN MOHD SAMSURI
Date: 22 AUGUST 2024

Client Representative

Name:
Date:

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WELL SCHEMATIC

FINAL COMPLETION SCHEMATIC - DUAL GAS PRODUCER

Well ID	: SMRK A1 (Corrected as per Tag at site) *Note: This well diagram was recorded as A2 in FWR*
Location	: Samarang Kechil
Rig	: Roger Mowell
Wellhead	: Cameron Dual
THF	: 51.75 ft BDF
DF Elevation	: 103 ft AMSL
Maximum Deviation	: 33.82 deg
TD	: 11775 ft MDDF
Date of completion	: 27 August 2002

Casing	: 30" @ 413.00 ft MDDF (0.48 deg) 18-5/8" not run. 13-3/8" @ 3660.00 ft MDDF (0.00 deg) 9-5/8" 43.5 ppf L80 BTC @ 9165.3 ft MDDF (32 deg@top of X/over pup) 9-5/8" 47 ppf L80 BTC @ 11769 ft MDDF (33.8 deg at shoe)
Tubing	: 2-7/8" 6.4 ppf L80 KSC Fox 13Cr
Completion Fluid	: 9.4 ppg brine (NaCl + 3% KCl + filtered sea water)
Packer Fluid	: 9.4 ppg brine (NaCl + 3% KCl + filtered sea water) + 2% Conqor 303A + 0.5 ppb Glute 16 + Caustic Soda + 0.3 ppb OS1-L

Note on completion string:
1. All depths ft MDTHF to top of equipment, except packers at element depth.
2. SSDs and retrievable packers are labeled with Equipment IDs in brackets for reference.

OD inch	ID inch	Short String	Depth ft MDTHF
3.5	2.347	2-7/8" Flow Coupling	457
5	2.313	2-7/8" TR-SCSSV (self-eq) Camco TRM-4E	459
		(S1) 2-7/8" SSD Camco CSX-ID (closed)	9405
		(P1) 9-5/8" Retrievable dual hydraulic packer Hydro-12	9470
		2-7/8" telescopic swivel jt	9478
3.67	2.313	(S2) 2-7/8" SSD **Camco CSX-ID (closed)**	9511
3.5	2.347	2-7/8" BJ: 9540 - 9600 ft MDTHF	
		II-M5.0 9615 - 9640 ft MDDF	
		(P2) 9-5/8" Retrievable dual hydraulic packer Hydro-12	10062
3.67	2.205	2-7/8" CAMXN-NoGo Nipple	10109
3.67	2.347	2-7/8" Pop assy (sheared)	10110
		EOT @ 10111 ft MDTHF	
		II-01.0 10250 - 10275 ft MDDF	
		II-O3.0 10510 - 10525 ft MDDF	
		9-5/8" x 4" Camco S Perm. Pkr with SBE (top of packer @ 10520 ft MDTHF bottom of SBE @ 10531 ft MDTHF)	10523
		II-P0.0 10620 - 10645 ft MDDF	
		II-P1.0 (Add Perf Jun 2016) 10690 - 10730 ft MDDF	
		II-Q1.0 (Add Perf Jun 2016) 11080 - 11100,11105 - 11120 ft MDDF	
			9-5/8" @ 11769 ft MDDF
			PBTD @ 11685 ft MDDF

Depth ft MDTHF	Long String	ID inch	OD inch
488	2-7/8" Flow Coupling	2.347	3.5
491	2-7/8" TR-SCSSV (self-eq) Camco TRM-4E	2.313	5
9436	(L1) 2-7/8" SSD Camco CSX-ID (closed)	2.313	3.67
9470	(P1) 9-5/8" Retrievable dual hydraulic packer Hydro-12		
9512	(L2) 2-7/8" SSD Camco CSX-ID (closed)	2.313	3.67
	2-7/8" BJ: 9541 - 9601 ft MDTHF	2.347	3.5
10062	(P2) 9-5/8" Retrievable dual hydraulic packer Hydro-12		
10094	(L3) 2-7/8" SSD Camco CSX-ID **(closed)**	2.313	3.67
	2-7/8" BJ: 10170 - 10230 ft MDTHF	2.347	3.5
10345	(P3) 9-5/8" x 2-7/8" Single Hydr-set retrievable packer Hydro-5		
10407	(L4) 2-7/8" SSD Camco CSX-ID (closed)	2.313	3.67
	2-7/8" BJ: 10437 - 10477	2.347	3.5
	7" centralizer mounted on pup		
10513	No-Go Locator c/w 4" seal	2.441	4.8
	assembly x 8 units	2.441	4
	(bottom of seal assy @ 10521 ft MDTHF)		
10535	(L5) 2-7/8" SSD Camco CSX-ID (open)	2.313	3.67
10571	2-7/8" CAMXN-NoGo Nipple (w/PXN Plug & Prong)	2.205	3.67
10572	2-7/8" Pop assy (sheared)	2.347	3.67
	EOT @ 10573 ft MDTHF		
	Tubing cut prior AP Jun 2016		

Well Diagram : SMRK-A2
Date Revised : 6 March 2019 (Pak tamin, Farhana, Ba Loi)

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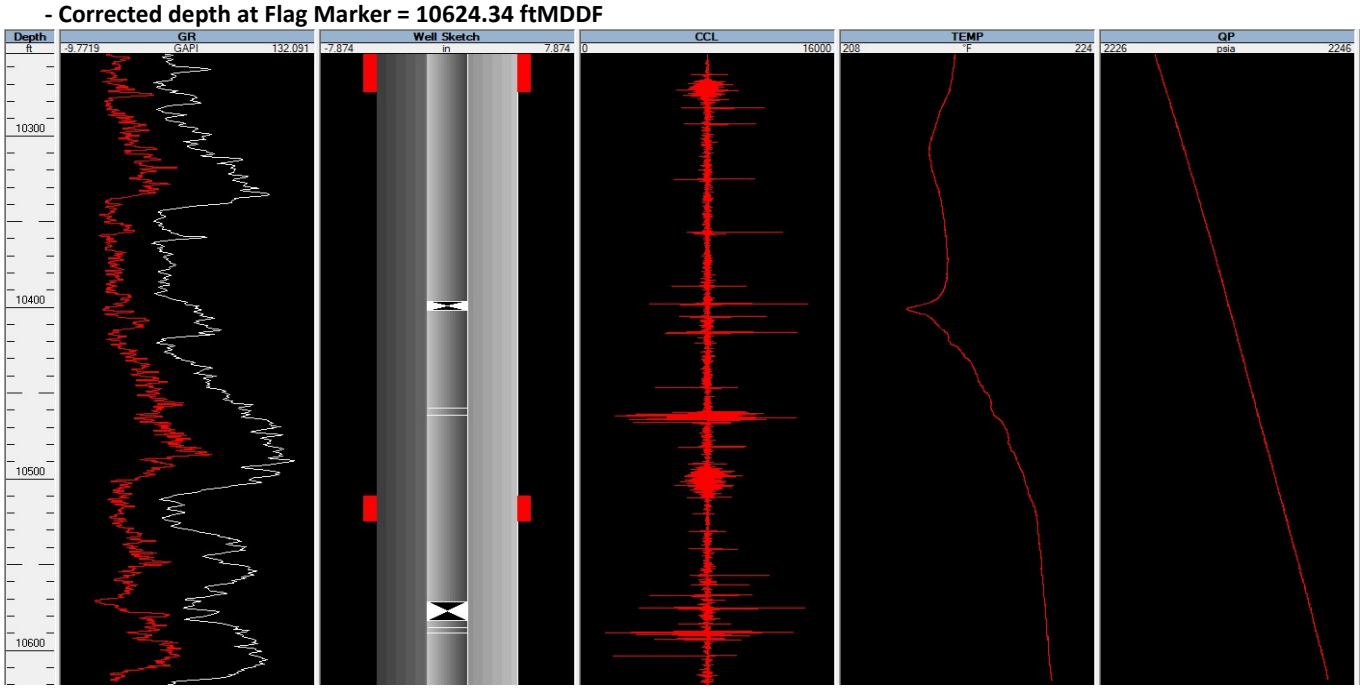
FIELD QUICK LOOK

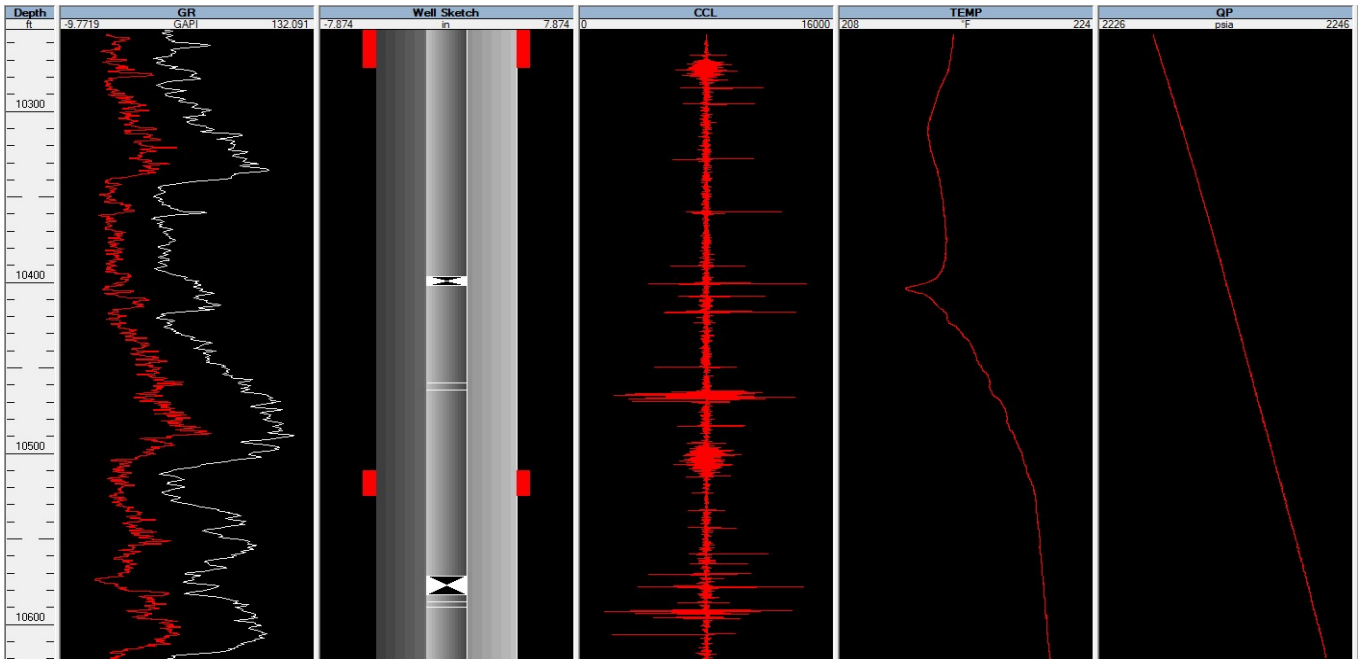
Logging Interval: 10621.75 - 10251.75 ftMDDF (uncorrected)

Correlation for Pass 1

- **-Survey data = RED**
- **- Depth Shift = 2.5913 ft**
- **- Corrected Logging Interval = 10624.34 ftMDDF - 10254.34 ftMDDF**
- **- Corrected depth at Flag Marker = 10624.34 ftMDDF**



PASS 1 UNCORRECTED



PASS 1 CORRECTED

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Logging Interval= 10621.75 - 10251.75 ftMDDF (uncorrected)

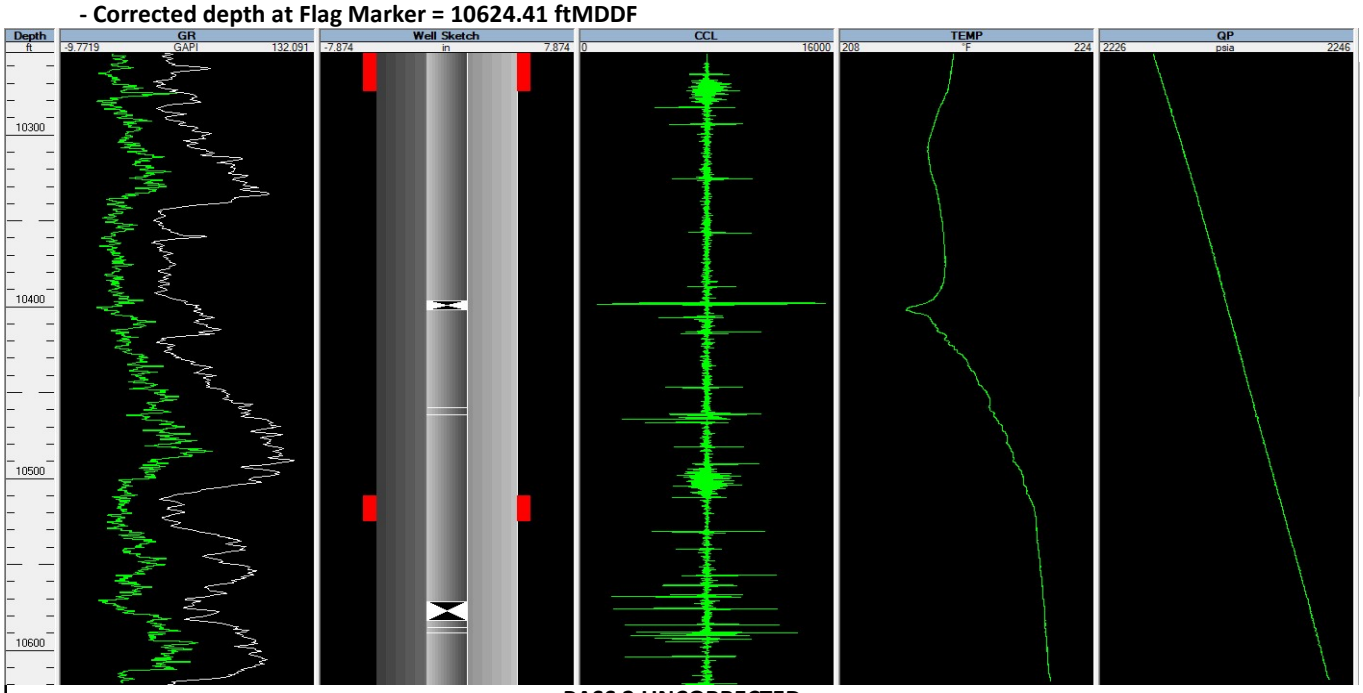
Correlation for Pass 2

-Survey Data = GREEN

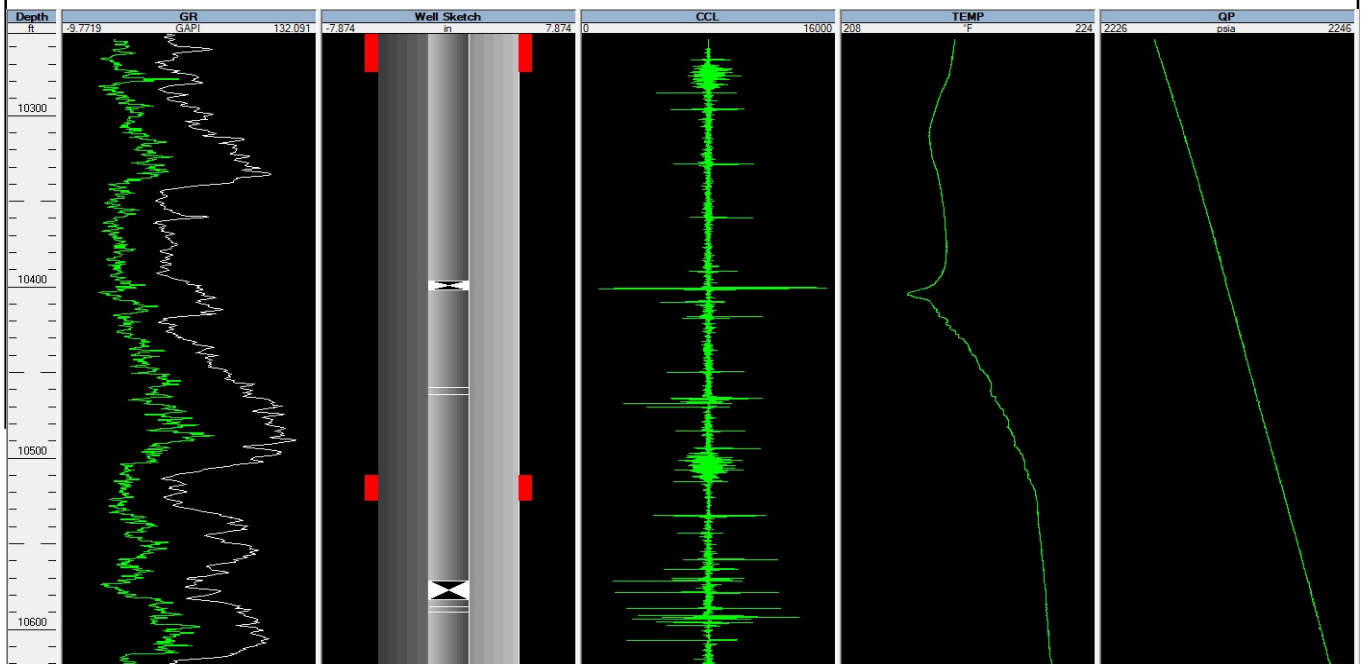
- Depth Shift = 2.6596 ft

- Corrected Logging Interval = 10624.41 ftMDDF - 10254.41 ftMDDF

- Corrected depth at Flag Marker = 10624.41 ftMDDF



PASS 2 UNCORRECTED



PASS 2 CORRECTED

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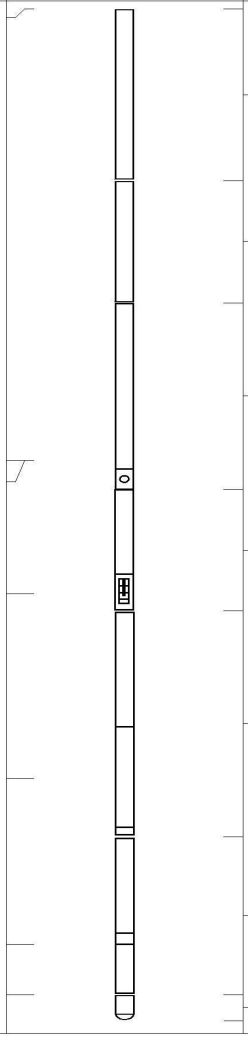
TOOLSTRING CONFIGURATIONS

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
MBH	8.61		MBH-025 (000002) Memory Battery Housing (5CC)	1.46	1.69	11.00
			UMT-007 (10025785) Ultrawire Memory Tool (1GB)	1.04	1.69	6.60
			QPS-019 (10010369) Quartz Pressure Sensor	1.58	1.69	9.00
QP	4.78					
QTMP	4.78					
			PRT-016 (10022305) Platinum Resistance Thermometer	1.04	1.69	6.00
TEMP	3.64					
			PGR-020 (051385) Production Gamma Ray	1.92	1.69	9.50
GR	2.07					
			WELL-SUN_CCL-CCL10 (CHS18WS-F019) Casing Collar Locator	1.35	1.69	6.21
CCL	0.65					
BUL	0.22		BUL-006 (10010473) Bullnose Terminator	0.22	1.69	1.20

Dataset: Sondex Ultrawire Memory
Total length: 8.61 ft
Total weight: 49.51 lb
O.D.: 1.69 in