



**DAILY GEOLOGGING REPORT  
SRIKAIL APPRAISAL CUM DEVELOPMENT WELL # 5  
BAPEX MUDLOGGING UNIT**

DIC	MUD	UNIT
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Report No.	25	Report Date:	18 November 2025
Well Type:	APPRAISAL CUM DEVELOPMENT	Rig: ZJ70DBS (Bijoy-10)	Spud Date: 28.09.2025 Days From Spud: 51

**STATUS at 07.00 hrs      19 November 2025      MIDNIGHT DEPTH:      1437.29 M**

	MD	TVD	CSG:	30" FC @30m, 20" casing @185m, 13 $\frac{3}{8}$ " casing @1394m
Present Depth (m):	1499.40	1433.34		
Previous Depth (m):	1411.68	1351.56	Last CSG:	13 $\frac{3}{8}$ " casing @1394m
Progress (m):	87.72	81.78	Present Activity:	Drilling      Next Program: Drilling

#### LITHOLOGY

Depth (m)	Lithology %		Lithological Description		
1411-1415	Sand	10	<b>Sand:</b> Colorless to white, loose, transparent to translucent, sub-angular to sub-rounded, medium to fine grained, poorly sorted, predominantly quartz with some mica & some dark color minerals.		
	Shale	90	<b>Shale:</b> Grey to light grey in color, mostly amorphous with little sub blocky in shape, poorly laminated, very soft in wet condition. Reacts and dissolve in HCL. Sample is contaminated with cement.		
1415-1425	Sand	20	<b>A/A</b>		
	Shale	80	<b>Shale:</b> Grey to light grey in color, mostly amorphous with little sub blocky in shape, poorly laminated, very soft in wet condition, highly reactive in HCL. Sample is contaminated with cement.		
1425-1430	Sand	20	<b>A/A</b>		
	Shale	80	<b>Shale:</b> Grey to light grey in color, mostly amorphous with little sub blocky in shape, poorly laminated, very soft in wet condition, slightly reactive in HCL. Sample is contaminated with cement.		
1430-1435	Sand	60	<b>Sand:</b> Colorless to white, loose, transparent to translucent, sub-angular to sub-rounded, medium to fine grained, moderately sorted, predominantly quartz with some mica & some dark color minerals.		
	Shale	40	<b>A/A</b>		
1435-1460	Sand	30	<b>Sand:</b> Colorless to white, loose, few milky white grain, transparent to translucent, sub-angular to sub-rounded, medium to fine grained, moderately sorted, predominantly quartz with some mica & some dark color minerals.		
	Shale	70	<b>Shale:</b> Grey to light grey in color, amorphous to sub blocky with little blocky in shape, poorly laminated, soft in wet condition, hard in dry state, highly reactive in HCL. Sample is contaminated with cement.		
1460-1480	Sand	20	<b>A/A</b>		
	Shale	80	<b>Shale:</b> Grey to light grey in color, amorphous to sub blocky with little blocky in shape, poorly laminated, soft in wet condition, hard in dry state, slightly reactive in HCL. Sample is slightly contaminated with cement.		
1480-1495	Sand	10	<b>A/A</b>		
	Shale	90	<b>Shale:</b> Grey to light grey in color, amorphous to sub blocky with little blocky in shape, poorly laminated, soft in wet condition, hard in dry state, slightly reactive in HCL. Sample is slightly contaminated with cement.		



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**FORMATION GAS PEAKS**

Depth (m)	Max (%)	BG (%)	Above BG (%)	C1 (%)	C2 (%)	C3 (%)	iC4 (%)	NC5 (%)
-	-	-	-	-	-	-	-	-

**DRILLING PARAMETERS**

Hole Depth (m)	Hookload (Klb)	WOB (Klb)	SPP (PSI)	RPM	Total RPM	ROP Ave. (m/hr)	Flow In (l/min)
1411-1499.40	156-171	1-22	862-1416	49-61	172-231	14.74(2.62-40)	1663-2466

**MUD PARAMETERS**

MW (SG)		TEMP (°F)		F.V.		Sand (%)	pH		Salinity (mg/L)	Type
F.L.	S.T.	F.L.	S.T.	F.L.	S.T.	-	S.T.	S.T.		
1.08+	1.08	105	-	52	51		-	-	-	KCl

Survey@ MD (m)	Inclination (°)	Azimuth (°)	TVD (m)	+N/-S (m)	+E/-W (m)	Vert. Sect. (m)	DLS (°/30m)
200	0	0	200	0	0	0	0
269	1.23	184.34	268.99	-0.74	-0.06	0.10	0.53
298	2.64	214.39	297.98	-1.60	-0.46	0.54	1.75
327	3.60	233.11	326.94	-2.70	-1.56	1.70	1.44
355	3.21	239.00	354.89	-3.63	-2.94	3.13	0.56
384	4.81	264.49	383.83	-4.15	-4.69	4.9	1.95
413	5.05	264.76	412.73	-4.37	-7.01	7.23	0.9
442	6.33	274.07	441.59	-4.37	-9.87	10.09	1.63
471	7.78	272.75	470.37	-4.16	-13.43	13.63	1.51
500	10.18	268.18	499.01	-4.15	-17.95	18.15	2.59
529	11.96	271.70	527.47	-4.14	-23.52	23.7	1.97
557	12.57	272.84	554.83	-3.9	-29.46	29.63	0.7
586	13.10	273.90	583.11	-3.52	-35.89	36.03	0.6
615	15.28	269.76	611.22	-3.32	-42.99	43.11	2.49
644	15.78	271.00	639.16	-3.26	-50.76	50.86	0.62
673	16.57	268.45	667.02	-3.31	-58.83	58.93	1.1
702	19.25	268.89	694.61	-3.51	-67.75	67.84	2.78
731	19.9	267.66	721.93	-3.81	-77.46	77.55	0.80
759	20.97	266.51	748.17	-4.31	-87.22	87.33	1.22
788	21.89	267.48	775.16	-4.86	-97.80	97.92	1.02
818	22.15	266.95	802.98	-5.41	-109.04	109.17	0.33
847	22.29	267.48	829.82	-5.94	-119.99	120.14	0.25
875	22.15	267.66	855.74	-6.39	-130.57	130.73	0.17
904	22.68	268.18	882.55	-6.79	-141.62	141.78	0.59
962	22.20	266.95	936.10	-7.80	-163.89	164.07	0.60
991	22.29	267.39	962.94	-8.34	-174.86	175.05	0.20
1020	22.15	267.20	989.78	-8.86	-185.81	186.02	0.16
1048	22.55	267.13	1015.68	-9.39	-196.44	196.67	0.43
1077	22.59	267.39	1042.46	-9.92	-207.56	207.80	0.11
1106	22.29	267.22	1069.26	-10.44	-218.62	218.87	0.32
1135	21.85	266.95	1096.14	-10.99	-229.50	229.76	0.47
1164	22.81	267.04	1122.96	-11.57	-240.51	240.78	0.99
1193	22.73	266.78	1149.70	-12.18	-251.71	252.00	0.13
1222	22.68	267.30	1176.46	-12.76	-262.89	263.20	0.21
1250	22.29	267.66	1202.33	-13.23	-273.59	273.91	0.44
1279	22.20	267.04	1229.17	-13.73	-284.56	284.88	0.26



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1308	21.80	266.51	1256.06	-14.34	-295.40	295.75	0.46
1337	22.59	265.28	1282.91	-15.13	-306.33	306.70	0.95
1366	23.30	265.46	1309.61	-16.04	-317.60	318.00	0.74
1381	23.30	265.55	1323.39	-16.51	-323.51	323.93	0.07
1424	21.93	269.95	1363.09				
1452	21.14	269.06	1389.13				

**BIT & BHA INFORMATION**

Bit Run	Size (in)	IADC Code	Type	MFG	SERIAL	BIT CONN.	Depth In	Bit Time (hrs)	Remarks
NB 06	12½"	447	HE14JMRSV	VARREL	1735343	-	1411.68	-	Formation Drilling
BHA	01 Bit-17½"- 0.36m + 01 8¼" SDMM W/12 1/8 Stab - 8.72m + 8 Generic Sub-0.29m+ 8" 12-1/32 Stab-2.15m+ 01 8 5/8" float sub – 0.91m + 01 8" Ubho sub – 0.92m + 01 8" NMDC (MWD) - 8.93m + 01 8" NMDC (MWD) – 9.25m + 07 Jts 8" DC - 65.99m + 01 8" Hydraulic jar - 9.36m +01 Jts 8" DC – 9.36m + 01 X-O-S - 0.79m + 14 Jts 5" HWDP – 131.93m+ 01 jts 5" DP- 9.61m = 258.57m.								

**Remarks:**

- Drilling resumed from 1411.68m and cont'd upto 1499.4m with an average ROP 14.74 m/hr.

(Md. Ashraf Ali Uzzal)  
Mudlogging Geologist

(Anik Kumar Saha)  
Mudlogging Geologist

(Md. Masud Khan)  
Data Engineer