



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

DIC	MUD	UNIT
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Report No.	<b>34</b>	Report Date:	<b>27 November 2025</b>
Well Type:	APPRAISAL CUM DEVELOPMENT	Rig: ZJ70DBS (Bijoy-10)	Spud Date: 28.09.2025
			Days From Spud: <b>60</b>

STATUS at 07.00 hrs		28 November 2025		MIDNIGHT DEPTH:		2139.02	M
	MD	TVD	CSG:	30" FC @30m, 20" casing @185m, 13¾" casing @1394m			
Present Depth (m):	2169.61	2053.91					
Previous Depth (m):	2085.69	1975.80	Last CSG:	13¾" casing @1394m			
Progress (m):	83.92	78.11	Present Activity:	Drilling	Next Program:	Drilling	

Depth (m)	Lithology %		Lithological Description
<b>2080-2090</b>	Sand	10	<b>Sand:</b> Colorless to white, transparent to translucent, sub-rounded to rounded, fine to very fine, moderately sorted, predominantly quartz with some mica & some dark color minerals.
	Shale	<b>90</b>	<b>Shale:</b> Grey to dark grey in color, mostly blocky, poorly laminated, soft in wet & moderately hard in dry state. Reacts & dissolve with HCl in both states.
<b>2090-2095</b>	Sand	20	A/A
	Shale	<b>80</b>	A/A
<b>2095-2130</b>	Sand	10	A/A
	Shale	<b>90</b>	A/A
<b>2130-2135</b>	Sand	30	<b>Sand:</b> Colorless to white, transparent to translucent, sub-rounded to rounded, medium to fine, moderately sorted, predominantly quartz with some mica & some dark color minerals, react with HCl.
	Silt	Tr	<b>Silt:</b> Whitish in color, reacts with HCl.
	Shale	<b>70</b>	<b>Shale:</b> Grey to dark grey in color, mostly blocky, poorly laminated, soft in wet & moderately hard in dry state. Reacts & dissolve with HCl in both states.
<b>2135-2140</b>	Sand	60	A/A
	Silt	10	A/A
	Shale	<b>30</b>	A/A
<b>2140-2145</b>	<b>Sand</b>	<b>70</b>	A/A
	Silt	Tr	A/A
	Shale	30	A/A
<b>2145-2155</b>	<b>Sand</b>	<b>80</b>	<b>Sand:</b> Colorless to white, transparent to translucent, sub-rounded to rounded, medium to fine, moderately sorted, predominantly quartz and mica with some dark color minerals, react with HCl.
	Shale	20	<b>Shale:</b> Light grey to grey in color, mostly blocky, poorly laminated, soft in wet & moderately hard in dry state. Reacts & dissolve with HCl in both states.
<b>2155-2160</b>	<b>Sand</b>	<b>60</b>	<b>Sand:</b> Colorless to white, transparent to translucent, sub-rounded to rounded, medium to fine, moderately sorted, predominantly quartz with some mica & some dark color minerals, react with HCl.
	Silt	10	<b>Silt:</b> Whitish in color, reacts with HCl.
	Shale	30	<b>Shale:</b> Grey to dark grey in color, mostly blocky, poorly laminated, soft in wet & moderately hard in dry state. Reacts & dissolve with HCl in both states.

**FORMATION GAS PEAKS**

Depth (m)	Max (%)	BG (%)	Above BG (%)	C1 (%)	C2 (%)	C3 (%)	iC4 (%)	NC5 (%)
2132-2134	0.46% @2134	0.081	0.379	0.223	0.117	0.008	00	00



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2142-2145	0.71% @2143	0.089	0.631	0.661	0.023	00	00	00
2148-2152	0.59% @2152	0.06	0.357	0.019	00	00	00	00

**DRILLING PARAMETERS**

Hole Depth (m)	Hookload (Klb)	WOB (Klb)	SPP (PSI)	RPM	Total RPM	ROP Avg. (m/hr)	Flow In (l/min)
<b>2085-2169</b>	192-228	3-42	1164-1782	0-60	160-280	1.86-18.46 (6.13)	1541-3126

**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.	
1.10	1.10+	128	-	48	50		-	-	-	

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
1308	21.80	266.51	1256.06	-14.34	-295.40	295.75	0.46



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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	-17.17	-340.02	340.45	1.52
1452	21.14	269.06	1389.13	-17.26	-350.30	350.72	0.92
1481	21.85	269.85	1416.41	-17.36	-360.92	361.34	0.79
1510	22.42	270.20	1442.98	-17.36	-371.85	372.25	0.61
1539	22.42	268.97	1469.79	-17.44	-382.91	383.30	0.49
1568	21.10	266.51	1496.72	-17.85	-393.65	394.04	1.66
1597	21.32	266.34	1523.75	-18.51	-404.12	404.54	0.24
1626	21.45	268.01	1550.76	-19.03	-414.68	415.11	0.64
1655	22.07	268.45	1577.69	-19.36	-425.43	425.86	0.66
1684	23.38	265.99	1604.44	-19.91	-436.62	437.06	1.67
1712	22.95	265.55	1630.18	-20.72	-447.60	448.07	0.50
1741	22.51	265.11	1656.93	-21.63	-458.75	459.25	0.59
1770	22.64	265.99	1683.73	-22.49	-469.82	470.35	0.42
1799	22.20	265.99	1710.54	-23.27	-480.85	481.41	0.46
1828	22.11	265.99	1737.39	-24.03	-491.76	492.35	0.09
1857	21.85	265.90	1764.20	-24.80	-502.59	503.20	0.27
1886	21.85	266.60	1791.20	-25.51	-513.36	513.99	0.27
1915	21.63	266.69	1818.14	-26.13	-524.08	524.73	0.23
1944	21.54	267.54	1845.11	-26.67	-534.73	534.40	0.37
1972	22.07	267.13	1871.10	-27.15	-545.13	545.80	0.59
2001	23.03	265.99	1897.89	-27.82	-556.23	556.92	1.09
2030	23.08	265.99	1924.57	-28.61	-567.56	568.28	0.05
2059	23.12	265.90	1951.25	-29.42	-578.91	579.65	0.06
2088	21.93	266.86	1978.03	-30.12	-589.99	590.76	1.26
2117	21.58	266.51	2004.97	-30.74	-600.72	601.51	0.39
2146	22.24	267.13	2031.87	-31.34	-611.53	612.33	0.72

**BIT & BHA INFORMATION**

Bit Run	Size (in)	IADC Code	Type	MFG	SERIAL	BIT CONN.	Depth In	Bit Time (hrs)	Remarks
NB 07	12¼"	537	HE34MRSV	VARREL	1722473	-	1961.91	51.05	Formation Drilling
BHA	01 Bit-12¼" - 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 2085.69mMD and cont'd up to 2169.61mMD.
- Drilling break from 2133m after long monotonous shale.
- Gas show observed from 2132-2152m where the Max. gas show is 0.72% @2143.
- Flow checked and found the well stable.

**(Md. Ashraf Ali Uzzal)**  
Mudlogging Geologist

**(Md. Akteruzzaman Palash)**  
Mudlogging Geologist



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**(Nahid Hasnat)**  
Manager (Geology)