

**TPAO
DRILLING DEPARTMENT
BIT RUN RECORDS**

01	DISTRICT	02	LOCATION	03	WELL NAME	04	RIG	05	OPERATIONS MANAGER	06	OPERATIONS ENGINEER
				Bati Raman-243		NAT-55		Ali OKUTUCU		B. OKATAN	
07	PRODUCER	08	BIT BRAND	09	BIT SIZE	10	BIT SERIAL NR.	11	BIT ITEM NR.	12	IADC CODE
	DDI		DDI		8.5		62508		4(RR)		
13	BIT TYPE	14	BIT COST \$	15	DRIVE TYPE	16	CONNECTION TYPE	17	NOZZLE SIZE	18	PURPOSE OF OPERATION
	CS516N6						4 1/2 REG B		13-13-13-14-14-14		RPRODUCTION WELL
19	DRLLING STARTED AT	20	DATE & TIME	21	FORMATION	22	LITHOLOGY	23	DEVIATION (degree)	24	BHA TYPE - NO
	382m		15.09.2009/04:30		Shale(Gercus)		Shale with milstone layer,		1.5		3
25	MUD WEIGHT (lb/ft3)	26	PUMP PRESSURE (psi)	27	WOB (ton)	28	ROTARY SPEED (RPM)	29	ROP (m/h)	30	FLOW RATE GPM
	67-73		1300		4-5		130		19.57		422.14
31	NOZZLE FLOW AREA	32	BIT PRESSURE LOST	33	NOZZLE SFLOW RATE	34	BIT HHP	35	ROP (m)	36	BIT OUT (m)
	0.84		411.04		157.01		50.28		920		1302
37	BIT OUT DATE/TIME	38	DRILLING TIME	39	FORMATION	40	LITHOLOGY	41	COST PER METER \$		
	19.09.2009/04:00		47		Shale (A. Germav)		Shale, Marl		24.15		
42	INTERNAL ROW	43	EXTERNAL ROW	44	GENERAL	45	WEAR	46	JOURNALS	47	GAGE WEAR
48	OTHERS	49	REASON BIT OUT	50	COMMENTS						