



# DAILY MUDLOGGING REPORT No.

COMPANY :	DIVERSIFIED WELL LOGGING, INC.	STATE :	LOUISIANA	DATE :	1/6/2009
WELL NAME :	RESERVE NO.2	CO/PARISH :	ST JOHN PARISH	TIME :	4:30
LOCATION :	WILDCAT	PERMIT NUMBER :	111111111111	DEPTH :	8946'
RIG NAME :	ENSCO 75	AFE NUMBER :	11-11111111-01	TVD :	8909.69'
RIG ACTIVITY :	DRILLING AHEAD	FT PAST 24HRS :	856'	LAG DEPTH :	8930'

DRILLING DATA	
RATE OF PENETRATION	43
WEIGHT ON BIT	15k
PUMP PRESSURE	2870
ROTARY RPM'S	110
MUD MOTOR RPM'S	161
TORQUE	5k
EST. PORE PRESSURE	14.8
DXC	0.54
ECD	15.85
SHALE DENSITY	2.31

MUD PROPERTIES	
MUD TYPE	CYBERDRILL
MUD WEIGHT	15.3
VISCOSITY	64
PLASTIC VIS.	35
YIELD POINT	13
CHLORIDES	35K
FLOW LINE TEMP	129°

SURVEY DATA	
SV. MEASURE DEPTH	8881'
SV. ANGLE	15.10°
AZIMUTH	288.5
SV. TVD	8846.93'

GAS DATA			
AVG BACKGROUND GAS	19	DEPTH	MW IN / OUT
CONNECTION GAS	116	8657'	15.3 / 15.3
TRIP GAS			
MAX GAS	116	8657'	15.3 / 15.3

GAS PEAKS					
BG BEFORE	DURING	BG AFTER	DEPTH	MW IN / OUT	
22	76	22	8356'	15.3 / 15.3	
29	114	27	8469'	15.3 / 15.3	
27	82	27	8567'	15.3 / 15.3	
39	116	42	8657'	15.3 / 15.3	
22	69	20	8849'	15.3 / 15.3	

BIT HYDRAULICS	
BIT SIZE	12.25"
BIT TYPE	PDC
ON BOTTOM BIT HOURS	49.81
TFA	1.9236
JET VELOCITY	122.11
PERCENTAGE PRESS. LOSS @ BIT	7.1475
ANULAR VELOCITY	141.27
FOOTAGE	2356'

PUMPS DATA	
PUMP OUTPUT	0.1365
PUMP OUTPUT ON RISER	0.0000
TOTAL STROKES PER MIN	128
BARRELS PER MIN PUMPED	17
GALLONS PER MIN PUMPED	734
TOTAL STROKES PER MIN ON RISER	0
BARRELS PER MIN ON RISER	0
GALLONS PER MIN ON RISER	0

WELL GEOMETRY		
WASH OUT %	0%	
RISER LENGTH	0'	
CASING SHOE DEPTH	6565'	
OPEN HOLE FOOTAGE	2381'	
	ANN. VOL.	TOT. VOL.
RISER	0	0
CASING	512	732
OPEN HOLE	408	503
TOTAL	919	1235
PIPE		220

STROKES			TIME		
BOTTOM'S UP	6733	0:00			
SURFACE TO BIT	1614	0:00			
SURFACE TO SURFACE	8348	0:01			
BOTTOM TO WELLHEAD	0	0:00			
WELLHEAD TO SURFACE	0	0:00			

ZONE OF INTEREST										
MEASURE DEPTH		TVD		ROP			GAS			
FROM	TO	FROM	TO	BEFORE	AFTER	MAX	BEFORE	DURING	AFTER	MAX

LITHOLOGY			
DEPTH	PERCENT	FORMATION	DESCRIPTION
8830'	100%	SHALE	DK GRY GRY V FRM-HD BLKY BRIT IP V SLTY OCC AREN PCS

**REMARKS**

DRILLING AHEAD BUILDING ANGLE. MONITORING ECD WHILE DRILLING WITH 15.3 MW  
MIDNIGHT DEPTH 8852' MD / 8818/97 TVD

UNIT MANAGER	GARY TULLOS	PRESSURE	EMPTY	FULL	PURGE		
NIGHT LOGGER	BRAD NICHOLS	HYDROGEN 1250		1	ALARM	SHUT DOWN	RESTART
RELIEF LOGGER	BOB WATKINS	2%GAS 1500		1			
TRAINEE		20% GAS 1700		1			
TRAINEE		COMP GAS 800		1			
					UNIT NUMBER	DAS-16	