



DIVERSIFIED WELL LOGGING

Measured Depth Log

1" = 100'

711 WEST 10TH STREET, RESERVE,LA.

DEPTH FROM 7000' TO 8000'

DATES 02/03/13- TO 02/08/13

COMPANY :	W & T OFFSHORE INC.	API:	17-712-40683-00
WELL:	OCS-G-12010 No. A014 ST00BP00	RIG:	H & P 107
FIELD:	SHIP SHOAL BLOCK 359	SUPERVISOR:	RYAN DRAKE
REGION:		CREW:	MARTIN DABIRINZE
COUNTY	OFFSHORE	UNIT:	DAS-26
STATE:	LOUISIANA	CO. REP(S):	Jerry Markum / Chester Chaisson
RKB ELE:	153'	SPUD DATE:	01-12-2013

ABBREVIATIONS	LITHOLOGY			
CO - Circulated Out	Anhydrite		Gypsum	
CF - Check Flow	Ash		Limestone	
NB - New Bit	Cement		Limestone Sandy	
SVY - Survey	Chalk		Marl	
ST - Short Trip	Coal		No sample	
CG - Connection Gas	Dolomite		Salt	
LAT - Logged After Trip			Sand	
			Shale Green	
			Shale Grey	
			Siltstone	

MODIFIERS	SYMBOLS
Anhydritic	Core (Recovered)
Argillaceous	Core (Lost)
Calcareous	Casing Shoe
Carbonaceous	SWC (None)
Cherty	SWC (Recovered)
Conglomeratic	
Dolomite Stringer	
Dolomitic	
Fossiliferous	
Marly	
Micaceous	
Pyritic	
Sandy	
Stylolitic	
	Sample Quality Good
	Sample Quality Fair
	Sample Quality Poor
	Gas Show (Fair)
	Gas Show (Good)
	Gas Show (Moderate)
	Gas Show (Poor)
	Oil Show (Fair)
	Oil Show (Good)
	Oil Show (Moderate)
	Oil Show (Poor)

ROP / GAMMA	DEPTH	Lithology	Total Gas	Chromatograph	Resistivity	DESCRIPTIONS
Rate of Penetration			Total Gas	Gas Chromatograph c1	Shale Density	
100 F/H 0			0 UNIT 100	1 PPM 1000003	G/C3 2	
MWD Gamma Ray #1				Gas Chromatograph c2		
0 API 150				1 PPM 100000		
				Gas Chromatograph c3		
				1 PPM 100000		

NB 17.5" Milled Tooth Bit,
VG-1, 2x24's & 2x20's, IN
AT 6065'

WOB 20-26
TOR 14
ROT 40
PP 3800
SPM 255

SHORT TRIP

WOB 40
TOR 12-15
ROT 40
PP 3950
SPM 246

SL

BEGIN LOGGING @
7000'

STG 53
CHANGED SHAKER SCREENS

GAS 70

Gas Chromatograph ic4
1 PPM 100000
Gas Chromatograph nc4
1 PPM 100000
Gas Chromatograph ic5
1 PPM 100000
Gas Chromatograph nc5
1 PPM 100000

7000
7100
7200
7300
7400
7500
7600
7700
7800

MW IN 13.0

SH: GY GMY AMORPH PYR
IP SNDY IP

MW IN 13.0

SH: GY GMY AMORPH PYR
IP SNDY IP

SH: GY GMY AMORPH PYR
IP SNDY IP CALC

RD

MW IN 13.0

SH:DK GY OCC MED GY
MOD FRM V FRM BLKY
PLTY AMOR CHNKY OCC
ELOG TAB

MW IN 13.2

MD

SD:CLR OFF WH QTZ LSE
RD SB RD PLY FR SRTD

MW IN 13.2

SH: GY MD GY SFT FRM
FLKY BLKY AMORPH
SMTH ERTHY SNDY IP

RD

MW IN 13.2

SH:DK GY OCC MED GY
MOD FRM V FRM BLKY
PLTY AMOR OCC ELOG
TAB

MW IN 13.2

2/4/13

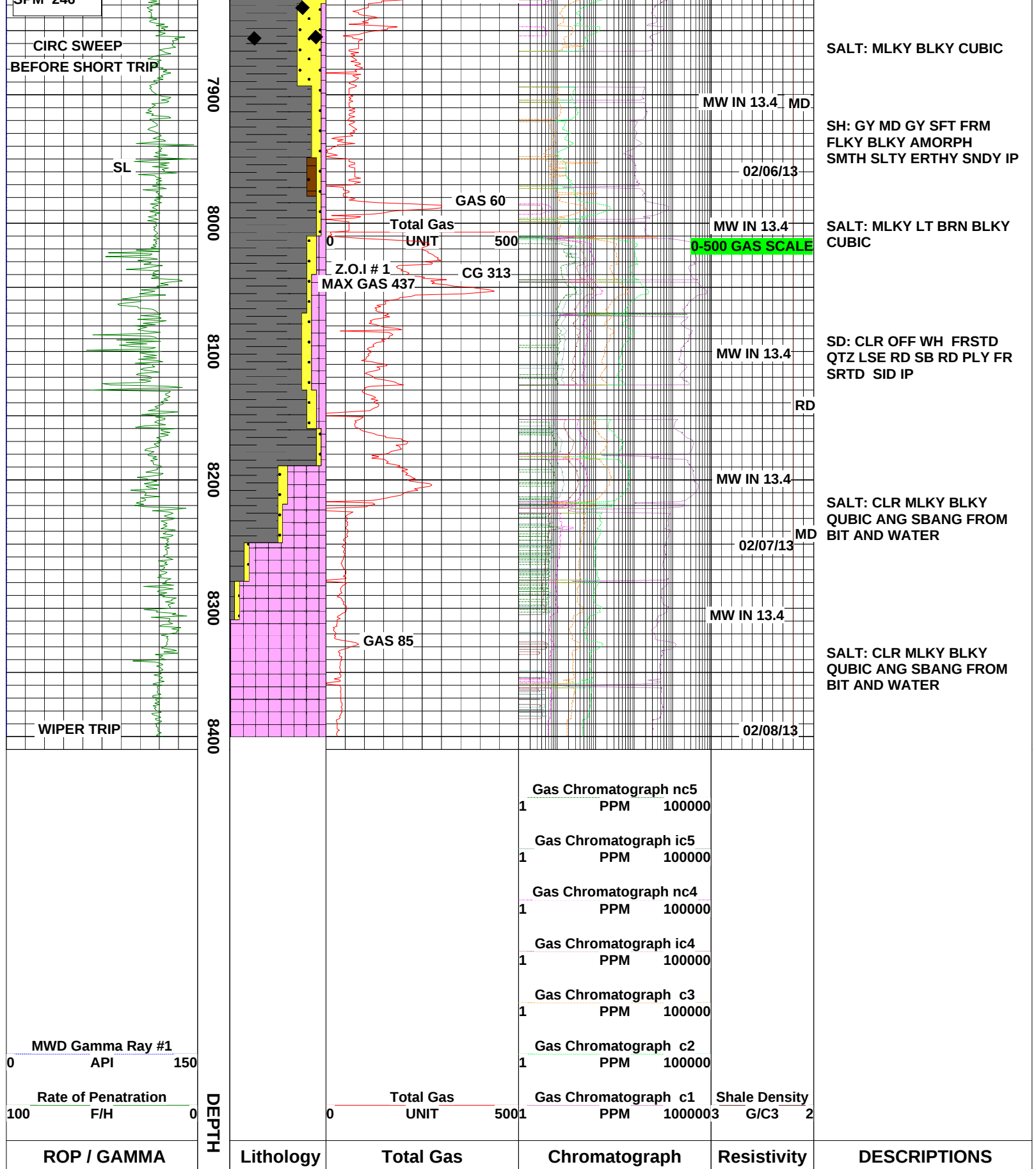
SH: LT GY LTGRN SOFT V
SFT BLKY GMY RGH OCC
SMTH DULL

MW IN 13.2

MD

SD: CLR OFF WH FRSTD
QTZ LSE RD SB RD PLY FR
SRTD ABDNT PYR SALT IP
SID IP

MW IN 13.4



COMPANY : W & T OFFSHORE INC.	STATE : LOUISIANA	DATE : 2/7/13
WELL NAME : OCS-G-12010 # A014 ST00BP00	COUNTY / PARISH : OFFSHORE, LOUISIANA	
LOCATION : SHIP SHOAL 349 FIELD	PERMIT NUMBER : 17-712-40683-00	NUMBER : 1
RIG NAME : H & P 107	AFE NUMBER : D12006	

SHOW / ZONE INTERVAL

FROM 8047'	TO 8059'	MEASURED DEPTH
FROM 7762.03'	TO 7773.03'	TRUE VERTICAL DEPTH

DRILLING DATA

	BEFORE	DURING	AFTER	MAX
ROP	19	22	39	39
MWI	13.4	13.4	13.4	13.4
MWO	13.4	13.4	13.4	13.4
CHLORIDES	164000	164000	164000	164000
MUD CUT	0	0	0	0

LITHOLOGY %

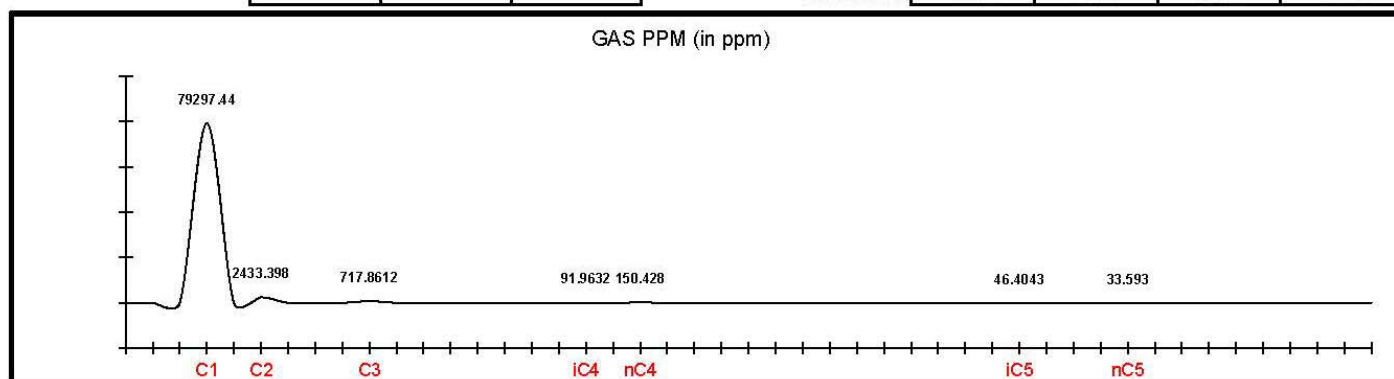
	BEFORE	DURING	AFTER
SHALE	80%	80%	75%
SAND	10%	5%	10%
SALT	10%	15%	15%

GAS DATA

	BEFORE	DURING	AFTER	MAX
TOTAL GAS	275	377	189	437

GAS PPM (in ppm)

	BEFORE	DURING	AFTER	MAX
METHANE	48106.06	59246.72	33779.89	79297.44
ETHANE	1534.38	1844.49	1042.78	2433.40
PROPANE	460.56	554.67	323.01	717.86
ISOBUTANE	62.15	73.43	45.61	91.96
NBUTANE	101.89	120.92	77.09	150.43
ISOPENTANE	24.54	37.97	19.80	46.40
NPENTANE	17.62	27.16	14.23	33.59



SAMPLE FLUORESCENCE

TYPE OF FLUOR **HYDROCARBON** FLUOR % **0-5 %** COLOR: **YELLOWISH** CUT: **LEACHING CUT**

SHOW RATING **(05) PROBABLY NON-PRODUCTIVE**

SHOW TYPE **GAS / OIL**

GAS RATIOS

C1/C2	C1/C3	C1/C4	C1/Cn4	C1/C5	C1/Cn5
32.587	110.463	862.274	527.145	1708.838	2360.535

LITHOLOGY DESCRIPTION

SHALE	GY MD GY SFT FRM FLKY BLKY AMORPH SMTH ERTY
SAND	CLR OFF WH FRSTD QTZ LSE RD PLY FR SRTD SID IP
SALT	MLKY LT BRN BLKY CUBIC

REMARKS

LOGGING ENGINEERS:

RYAN W DRAKE