

New Gulf Operating, LLC

6310 East 102nd Street
Tulsa, OK 74137
Phone: 918-728-3020 Fax: 918-728-3194

DAILY DRILLING REPORT

Date:	8/28/2014	Operator:	New Gulf Operating	Well Name:	Marius # 1
Field or Prospect:	South Logan	County:	Logan	Contractor & Rig No.:	Vai Rig # 4
Pres Depth:	268.00	Footage:	268.00	Rot. Hrs.:	3.0
Present Operation:		Avg. ROP:	89.33	Phone No.:	620.617.2868
Last Casing (Size & Depth):	8 5/8 Set @ 264'	Shoe Test:	N/A	KB to GL:	
Spud Date:	8/28/2014	Days from Spud:	1	Consultant:	Jim Henkle

Breakdown of Operations			
From	To	Hrs	Repair Hrs. for day:
1930	0915	0.75	0
2030	0945	0.5	0
2115	1200	2.25	0
2400	1300	0.5	0
2430	1415	1.25	0
0100	1445	0.5	0
2454	0630	3.75	0
0630			3.0

From	To	Hrs	Repair Hrs. for day:	Repair Hrs. for month:	BHA Hours:
1930	0915	0.75	0-100'		
2030	0945	0.5	Plug bit		
2115	1200	2.25	Drlg 100-268'		
2400	1300	0.5	CTCH, Drop Survey		
2430	1415	1.25	TOH w/ bit		
0100	1445	0.5	Run 8 5/8 Cement		
2454	0630	3.75	WOC		
0630					
Run 6 New Jts. 24# J-55 8 5/8 Tally 252.37 Set @ 264'					
Cement w/ 200 sx. Comm 3% CC & 2% Gel					
Cement DID Circ.					
Consolidated Cementing Ticket # 46652					

Driving Directions:		
Total hrs	10.0	Diesel Used: 0
		Diesel on Hand: 0

Qty	OD	ID	Description	Length	code	Before Casing Point	Daily	Before Csg. Point (Y/N)	Y
Bottomhole Assembly									
					1510-2	Roads & Location	\$ 4,500.00		\$ 4,500.00
					1510-4	Rig Mobilization	\$ 8,000.00		\$ 8,000.00
					1510-5	Contractor: Day Work	\$ 2,800.00		\$ 2,800.00
					1510-6	Contractor: Footage	\$ 4,288.00		\$ 4,288.00
					1510-8	Water	\$ 2,800.00		\$ 2,800.00
					1510-8	Fuel	\$ -		\$ -
					1510-9	Mud / Diesel / Mineral Oil	\$ -		\$ -
					1510-10	Bits	\$ 250.00		\$ 250.00
					1510-12	Equipment Rentals	\$ -		\$ -
					1510-13	Logging	\$ 4,526.00		\$ 4,526.00
					1510-14	Cmt Serv./Cents, Float Equip.	\$ -		\$ -
					1510-16	Transportation	\$ 400.00		\$ 400.00
					1510-18	Supervision	\$ -		\$ -
					1510-27	Casing Crew / Fillup Tool / LDM	\$ -		\$ -
					1510-28	Misc. Services / Rentals	\$ 2,633.32		\$ 2,633.32
					1510-28	Contingency (8.25%)	\$ -		\$ -
					1510-37	Drill Stem Test	\$ -		\$ -
					1510-43	Mud Logging	\$ 4,355.00		\$ 4,355.00
					1560-1	Surface Casing	\$ -		\$ -
					1560-8	Well Head & Slips	\$ -		\$ -
					1510-22	P&A	\$ -		\$ -
Total Length							0.00		\$ -
Effective Bit Weight:									\$ -
DP Weight									\$ -
DP Grade									\$ -
DC Size									\$ -
DC Weight									\$ -
DC Grade									\$ -
DC Connection									\$ -
Total Costs							\$ 34,552.32		\$ 34,552.32
Buoyancy Wt.									\$ -

Mud Properties																				
MW	Vis	PV	YP	Gels	10 min	Wtr. Loss	HTHP	32nd	Cake	% Solids	% Sand	pH	ES	PI	Pm	Ca	Cl	% OIL	OWR	

Shaker Screen Size:											
Date Last BOP Drill:											
Date Last BOP Test:											

Bit Record																					
Bit No.	Size (in)	Mfg	Type	Serial No.	Jets /32	Depth In	Depth Out	Footage (ft)	Hrs	FPH	WOB (1000 lbs)	RPM	Inner Row	Outer Row	Dull Char.	Locatio n	Brng. Seal	Gage 1/16	Other	Reas. Pulled	
1	12.25	UZ	Rock		15	15	15	0	268.00	268	3	89.333	ALL	90							

Pump Data											
Pump No.	Model	Stroke Length	Liner Size	Gal. / Stk. 95% Eff.	SPM	GPM	Pressure psi	Annular Velocity DP	DC's	SPM	Kill Rate Pres.
No. 1	K-500	16	6	5.88	56	312.53	450	51.03	51.03		
No. 2				0.00		0.00					

Surveys											
Depth:	268	Deviation:	0.25	Depth:		Deviation:		Depth:		Deviation:	
Depth:		Deviation:		Depth:		Deviation:		Depth:		Deviation:	
Depth:		Deviation:		Depth:		Deviation:		Depth:		Deviation:	

Mud Logger											
BG Gas:	0	Conn. Gas:	0	Trip Gas:	0	Remarks:					

DAILY DRILLING REPORT

Date: 8/29/2014	Operator: South Logan	New Gulf Operating	Well Name: Marius # 1
Field or Prospect: 1775.00	Footage: 1607.00	Rot. Hrs.: 17.5	Avg. ROP: 86.11
Contractor & Rig No.: Val Rig # 4	Phone No.: 620.617.2668		
Present Operation:	Drilling Ahead @ 1815'		KB to GL: 0
Last Casing (Size & Depth):	8 5/8 Set @ 264'	Shoe Test:	
Spud Date: 8/28/2014	Days from Spud: 2	Consultant: Jim Henkle	

Breakdown of Operations		Repair Hrs. for day:	0	Repair Hrs. for month:	0	BHA Hours:	20.5
From	To	Hrs	WOC				
0630	1045	4.25	Test BOP				
1045	1100	0.25	Drig Plug				
1100	1115	0.25	Drig 268-702'				
1115	1515	4	Rig Check				
1515	1530	0.25	Drig 702-764'				
1530	1600	0.5	Jet Pit # 1				
1600	1615	0.25	Drig 764-1201'				
1615	1945	3.5	Drig 1201-1263'				
1945	2000	0.25	Wireline Survey @ 1263'. 75 Deg.				
2000	2015	0.25	Drig 1263-1545'				
2015	2045	0.5	Rig Check				
2045	2430	3.75	Drig 1545-1576'				
2430	2445	0.25	Jet Pit # 1				
2445	0115	0.5	Drig 1576-1775'				
0115	0130	0.25	Drig 1576-1775'				
0130	0630	5					
0630							

Total hrs: 24.0 Diesel Used: 0 Diesel on Hand: 0

Bottomhole Assembly		Description	Length	code	Before Casing Point	Before Csg. Point (Y/N)	Y
Qty	OD	ID					
				1510-2	Roads & Location	\$ 4,500.00	
				1510-4	Rig Mobilization	\$ 8,000.00	
				1510-5	Contractor: Day Work	\$ 2,600.00	
				1510-6	Contractor: Footage	\$ 24,112.00	
				1510-8	Water	\$ 2,800.00	
				1510-8	Fuel	\$ 1,000.10	
				1510-9	Mud / Diesel / Mineral Oil	\$ 250.00	
				1510-10	Bits	\$ -	
				1510-12	Equipment Rentals	\$ 4,526.00	
				1510-13	Logging	\$ -	
				1510-14	Cmt Serv./Cents, Float Equip.	\$ -	
				1510-16	Transportation	\$ 800.00	
				1510-16	Supervision	\$ -	
				1510-18	Casing Crew / Fillup Tool / LDM	\$ -	
				1510-27	Misc. Services / Rentals	\$ 2,339.87	
				1510-28	Contingency (8.25%)	\$ 4,973.19	
				1510-28	Drill Stem Test	\$ -	
				1510-37	Mud Logging	\$ -	
				1510-43	Surface Casing	\$ 4,355.00	
				1550-1	Well Head & Slips	\$ -	
				1550-4	P&A	\$ -	
				1510-22		\$ -	
					Total Length	\$ 30,701.97	
					Effective Bit Weight:	\$ 65,254.29	
					DP Size	DP Weight	DP Connection
					0	0	0

Mud Properties		Gals	Wtr. Loss	Cake	% Solids	% Sand	pH	Alk	Ca	Cl	% OIL	OWR
MW	V/s	PV	YP	10 sec	10 min	cc.	HTHP	3rd				

Shaker Screen Size:		Date Last BOP Drill:		Date Last BOP Test:															
Bit No.	Size (in)	Mfg	Type	Serial No.	Jets	Depth In	Footage (ft)	Hrs	FPH	WOB 1000 lbs	RPM	Inner Row	Outer Row	Dull Char.	Locatio n	Bmg. Seal	Gage 1/16	Other Reas. Pulled	
1	12.25	JZ	Rock	15	15	15	0	0	0										
2	7.75	JZ	HA200	13	14	13	268	1775	1507	98.114	25								

Pump Data		Stroke Length	Liner Size	Gal./Stk. 95% Eff.	SPM	GPM	Pressure psi	Annular Velocity	DC's	SPM	Kill Rate Pres.
No. 1	K-500	16	6	5.58	56	312.53	950	51.03	51.03		
No. 2		0	0	0.00		0.00					

Surveys		Depth:	Deviation:	Depth:	Deviation:
268	1263	0.25	0.75		

BG Gas:	0	Conn. Gas:	0	Trip Gas:	0	Remarks:	Mud Logger
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DAILY DRILLING REPORT

Date:	8/30/2014	Operator:	New Gulf Operating	Well Name:	Marius # 1
Field or Prospect:	South Logan	County:	Logan	Contractor & Rig No.:	Val Rig # 4
Pres Depth:	2590.00	Footage:	815.00	Rot. Hrs.:	21.8
				Avg. ROP:	37.47
				Phone No.:	620.617.2668
Present Operation:	Drilling Ahead @ 2515'				
Last Casing (Size & Depth):	8 5/8 Set @ 264'	Shoe Test:	N/A	KB to GI:	0
Spud Date:	8/28/2014	Days from Spud:	3	Consultant:	Jim Henkle
Breakdown of Operations					
From	To	Hrs	Repair Hrs. for day:	0	Repair Hrs. for month:
0630	1015	3.75	Drig 1775-1921'		BHA Hours: 42.3
1015	1045	0.5	Rig Check		
1045	1100	0.25	Jet Pit # 1		
1100	1415	3.25	Drig 1921-2070'		
1415	1430	0.25	Jet Pit # 2		
1430	1600	1.5	Drig 2070-2110'		
1600	1615	0.25	Rig Check		
1615	1630	0.25	Jet Pit # 1		
1630	1945	3.25	Drig 2110-2205'		
1945	2000	0.25	Jet # 1 Add Premix		
2000	2215	2.25	Drig 2205-2267'		
2215	2230	0.25	Wireline Survey @ 2267'.75 Deg.		
2230	2245	0.25	Rig Check		
2245	0630	7.75	Drig 2267-2590'		
0630					

Total hrs	24.0	Diesel Used:	0	Diesel on Hand:	Y
Bottomhole Assembly					
Qty	OD	ID	Description	Length	code
					1510-2
			Roads & Location		1510-4
			Rig Mobilization		1510-5
			Contractor: Day Work		1510-6
			Contractor: Footage		1510-8
			Water		1510-9
			Fuel		1510-10
			Mud / Diesel / Mineral Oil		1510-12
			Bits		1510-13
			Equipment Rentals		1510-14
			Logging		1510-16
			Crt Serv./Gents, Float Equip.		1510-18
			Transportation		1510-27
			Supervision		1510-28
			Casing Crew / Fillup Tool / LDM		1510-28
			Misc. Services / Rentals		1510-37
			Contingency (8.25%)		1510-43
			Drill Stem Test		1550-1
			Mud Logging		1550-3
			Surface Casing		1510-22
			Well Head & Slips		
			P&A		
			Total Length	0.00	
			Total Costs	\$ 18,121.54	\$ 83,375.83
			DC Size	DC Weight	DC Grade
			DC Connection	DC Connection	Buoyancy Wt.
			DP Size	DP Weight	DP Grade
			DP Connection	DP Connection	DP Weight
			Effective Bit Weight:		
			0		

Mud Properties											
MW	Vis	PV	YP	Gels	Wtr. Loss	Cake	% Solids	% Sand	pH	Alk	Ca
				10 sec	10 min	cc.	HTHP	32nd	ES	Pm	CI
9.5	30										
Shaker Screen Size:											
Date Last BOP Drill:											
Bit Record											
Bit No.	Size (in)	Mfg	Type	Serial No.	Jets /32	Depth In	Footage (ft)	Hrs	FPH	WOB 1000 lbs	RPM
1	12.25	JZ	Rock	15	15	0	0	0			
2	7.875	JZ	HK20Q	13	14	13	268	0			

Pump Data											
Pump	Model	Stroke Length	Liner Size	Gal./Stk. 95% Eff.	SPM	GPM	Pressure psi	Annular Velocity DP	DC's	SPM	Kill Rate Pres.
No. 1	K-500	16	6	5.58	56	312.53	900	51.03	51.03		
No. 2		0	0	0.00		0.00					
Surveys											
Depth:	268	Deviation:	0.25	Depth:		Deviation:		Depth:		Deviation:	
Depth:	1263	Deviation:	0.75	Depth:		Deviation:		Depth:		Deviation:	
Depth:	2267	Deviation:	0.75	Depth:		Deviation:		Depth:		Deviation:	

BG Gas:	0	Conn. Gas:	0	Trip Gas:	0	Remarks:	
Mud Logger							

DAILY DRILLING REPORT

Date: 8/31/2014	Operator: South Logan	New Gulf Operating	Well Name: Martius # 1
Field or Prospect: 3130.00	Footage: 540.00	County: Logan	Contractor & Rig No.: Val Rig # 4
Present Operation:	Rot. Hrs.: 21.8	Avg. ROP: 24.83	Phone No.: 620.677.2868
Last Casing (Size & Depth):	Drilling Ahead @ 3136'		KB to GI: 0
Spud Date: 8/28/2014	8 5/8 Set @ 264'	Shoe Test: 4	Consultant: Jim Henkle

From: 0630	To: 0715	Hrs: 0.75	Repair Hrs. for day: 0	Repair Hrs. for month: 64.0	BHA Hours: 64.0
Breakdown of Operations					
0715	0745	0.5	Rig Check		
0745	0800	0.25	Jet # 1		
0800	1400	6	Drig 2612-2769'		
1400	1415	0.25	Jet # 1		
1415	1530	1.25	Drig 2769-2801'		
1530	1545	0.25	Rig Check		
1545	1715	1.5	Drigl 2801-2832'		
1715	1730	0.25	Jet # 1		
1730	2030	3	Drig 2832-2895'		
2030	2045	0.25	Jet # 2		
2045	2445	4	Drig 2895-2899		
2445	0100	0.25	Rig Check		
0100	0500	4	Drig 2989-3083'		
0500	0515	0.25	Jet # 1		
0515	0630	1.25	Drig 3083-3130'		
0630					

Qty	OD	ID	Description	Length	code	Before Casing Point	Drilling Cost	Diesel on Hand:	Before Csg. Point (Y/N)	Cumulative
			Roads & Location		1510-2				Daily	Y
			Rig Mobilization		1510-4					\$ 4,500.00
			Contractor: Day Work		1510-5					\$ 8,000.00
			Contractor: Footage		1510-6					\$ 7,200.00
			Water		1510-8					\$ 8,640.00
			Fuel		1510-8					\$ 2,800.00
			Mud / Diesel / Mineral Oil		1510-9					\$ 3,540.75
			Bits		1510-10					\$ -
			Equipment Rentals		1510-12					\$ 250.00
			Cnt Serv/Cents, Float Equip.		1510-14					\$ -
			Transportation		1510-16					\$ 4,526.00
			Supervision		1510-18					\$ 400.00
			Casing Crew / Fillup Tool / LDM		1510-27					\$ -
			Misc. Services / Rentals		1510-28					\$ -
			Contingency (8.25%)		1510-28					\$ 1,132.79
			Drill Stem Test		1510-37					\$ -
			Mud Logging		1510-43					\$ -
			Surface Casing		1550-1					\$ 4,355.00
			Well Head & Slips		1550-8					\$ -
			P&A		1510-22					\$ -
			Total Length							\$ 0.00
			Effective Bit Weight							\$ -
			DP Size							\$ 14,863.54
			DC Weight							\$ 98,239.36
			DC Connection							\$ -
			Buoyancy Wt.							\$ -

Total hrs 24.0 Diesel Used: 0 Diesel on Hand: 0

Driving Directions:

MW	Vis	PV	YP	Gals	10 sec	10 min	cc.	HTHP	32nd	% Solids	% Sand	pH	ES	PI	Pm	Ca	Cl	% OIL	OWR	
9.5	30																			

Shaker Screen Size: _____ Date Last BOP Drill: _____
 Bit Record _____ Date Last BOP Test: _____

Bit No.	Size (in)	Mfg	Type	Serial No.	Jets /32	Depth In	Depth Out	Footage (ft)	Hrs	FPH	WOB 1000 lbs	RPM	Inner Row	Outer Row	Dull Char.	Locatio n	Brng. Seal	Gage 1/16	Other Reas.	
1	12.25	JZ	Rock		15	15	0	0		0										
2	7.875	JZ	HA20Q		13	14	13	268		-268		0								

Pump No.	Model	Stroke Length	Liner Size	Gal. Stk. 95% Eff.	SPM	GRM	Pressure psi	Annular Velocity DP	DC's	SPM	Kill Rate Pres.
No. 1	K-500	16	6	5.58	56	312.53	1000	51.03	51.03		
No. 2		0	0	0.00		0.00					

Surveys
 Depth: 268 Deviation: 0.25 Depth: _____ Deviation: _____
 Depth: 1293 Deviation: 0.75 Depth: _____ Deviation: _____
 Depth: 2267 Deviation: 0.75 Depth: _____ Deviation: _____

BG Gas: 0 Conn. Gas: 0 Trip Gas: 0 Remarks: _____

DAILY DRILLING REPORT

Date: 9/12/2014 Operator: South Logan County: Logan Well Name: Marius # 1
 Field or Prospect: South Logan Contractor & Rig No.: Val Rig # 4
 Pres Depth: 3535.00 Footage: 405.00 Rot. Hrs.: 20.5 Avg. ROP: 19.76 Phone No.: 620.617.2868
 Present Operation: Drilling Ahead @ 3540'

Last Casing (Size & Depth): 8 5/8 Set @ 264' Shoe Test: N/A KB to GL: 0
 Spud Date: 8/28/2014 Days from Spud: 5 Consultant: Jim Henkie
 Breakdown of Operations

From	To	Hrs	Repair Hrs. for day:	0	Repair Hrs. for month:	0	BHA Hours:	64.5
0630	0830	2	Drig 3130-3177'					
0830	0900	0.5	Rig Check					
0900	1545	6.75	Drig 3177-3302'					
1545	1600	0.25	Rig Check					
1600	1800	2	Drig 3302-3334'					
1800	1830	0.5	Jet # 2 for Displace					
1830	0130	7	Drig 3334-3460'					
0130	0230	1	Jet # 1 & Cellar & Displace Complete @ 3460'					
0230	0245	0.25	Rig Check					
0245	0345	1	Work on pump					
0345	0630	2.75	Drig 3460-3535'					
0630								

Driving Directions:

Total hrs	Diesel Used:	0	Diesel on Hand:	0	Before Csg. Point (Y/N)	Y
24.0						

Qty	OD	ID	Description	Length	code	Before Casing Point	Daily	Cumulative
			Roads & Location		1510-2	\$	4,500.00	
			Rig Mobilization		1510-4	\$	8,000.00	
			Contractor: Day Work		1510-5	\$	8,600.00	
			Contractor: Footage		1510-6	\$	6,480.00	55,120.00
			Water		1510-8	\$	2,800.00	
			Fuel		1510-8	\$	-	
			Mud / Diesel / Mineral Oil		1510-9	\$	1,873.60	10,004.90
			Bits		1510-10	\$	-	
			Equipment Rentals		1510-12	\$	250.00	1,250.00
			Logging		1510-13	\$	-	
			Cmt Serv./Cents, Float Equip.		1510-14	\$	-	
			Transportation		1510-16	\$	-	4,526.00
			Supervision		1510-18	\$	400.00	2,000.00
			Casing Crew / Fillup Tool / LDM		1510-27	\$	-	
			Misc. Services / Rentals		1510-28	\$	-	
			Contingency (8.25%)		1510-28	\$	858.30	8,345.36
			Drill Stem Test		1510-37	\$	-	
			Mud Logging		1510-43	\$	-	
			Surface Casing		1550-1	\$	4,355.00	
			Well Head & Slips		1550-8	\$	-	
			P&A		1510-22	\$	-	
			Total Length	0.00		\$	-	

Effective Bit Weight:	DP Weight	DP Grade	DP Connection	DC Size	DC Weight	DC Grade	DC Connection	Buoyancy Wt.
0				0				109,501.26

MW	Vis	PV	YP	Gels	10 sec	10 min	cc.	HTHP	Wtr. Loss	Cake	% Solids	% Sand	pH	ES	AK	Pm	Ca	Cl	% OIL	OWR	
8.6	47																				

Shaker Screen Size: Date Last BOP Drill: Date Last BOP Test:

Bit No.	Size (in)	M/Kg	Type	Serial No.	Jets /32	Depth In	Depth Out	Footage (ft)	Hrs	FPH	WOB 1000 lbs	RPM	Inner Row	Outer Row	Dull Char.	Location	Brng. Seal	Gage 1/16	Other	Reas. Pulled	
1	12.25	JZ	Rock		15	15	0	0		0											
2	7.875	JZ	HA20Q		13	14	13	268		-268											

Pump No.	Model	Stroke Length	Liner Size	Gal./Stk. 95% Eff.	SPM	GPW	Pressure psi	Annular Velocity DP	DC's	SPM	Kill Rate Pres.
No. 1	K-500	16	6	5.58	60	334.86	1000	54.67	54.67		
No. 2		0	0	0.00		0.00					

Depth:	268	Deviation:	0.25	Depth:		Deviation:	
Depth:	1263	Deviation:	0.75	Depth:		Deviation:	
Depth:	2267	Deviation:	0.75	Depth:		Deviation:	

BG Gas: 0 Conn. Gas: 0 Trip Gas: 0 Remarks:

Date: 9/2/2014 Operator: South Logan New Gulf Operating Well Name: Martus # 1
 Field or Prospect: South Logan County: Logan Contractor & Rig No.: Val Rig # 4
 Pres Depth: 3950.00 Footage: 415.00 Rot. Hrs.: 17.5 Avg. ROP: 23.71 Phone No.: 620.617.2868
 Present Operation: CFS @ 3950'

Last Casing (Size & Depth): 8 5/8 Set @ 264' Shoe Test: N/A KB to GL: 0
 Spud Date: 8/28/2014 Days from Spud: 6 Consultant: Jim Henkle

Breakdown of Operations
 From To Hrs Repair Hrs. for day: 0 Repair Hrs. for month: 0 BHA Hours: 102.0

From	To	Hrs	Repair Hrs. for day:	0	Repair Hrs. for month:	0	BHA Hours:	102.0
0630	0900	2.5	Drig 3535-3585'					
0900	0930	0.5	Rig Check & Clean Screen					
0930	1030	1	Drig 3585-3616'					
1030	1045	0.25	Run Wireline Survey .25 Deg.					
1045	1445	4	Drig 3616-3710'					
1445	1500	0.25	Rig Check					
1500	1800	3	Drig 3710-3800'					
1800	1900	1	CFS @ 3800'					
1900	2200	3	TOH w bit Wiper Trip					
2200	2300	1	CTCH					
2300	0145	2.75	Drig 3800-3867'					
0145	0200	0.25	Pick up pit mud					
0200	0615	4.25	Drig 3867-3950'					
0615	0630	0.25	CFS @ 3950'					
0630								

Driving Directions:
 Total hrs 24.0 Diesel Used: 0 Diesel on Hand:

Qty	OD	ID	Description	Length	code	Before Casing Point	Before Cag. Point (Y/N)	Y
			Roads & Location		1510-2			\$ 4,500.00
			Rig Mobilization		1510-4			\$ 8,000.00
			Contractor: Day Work		1510-5			\$ 1,200.00
			Contractor: Footage		1510-6			\$ 61,760.00
			Water		1510-8			\$ 2,800.00
			Fuel		1510-8			\$ -
			Mud / Diesel / Mineral Oil		1510-9			\$ 1,430.70
			Bits		1510-10			\$ -
			Equipment Rentals		1510-12			\$ 250.00
			Logging		1510-13			\$ -
			Cmt Serv/Cents, Float Equip.		1510-14			\$ 4,526.00
			Transportation		1510-16			\$ -
			Supervision		1510-18			\$ 400.00
			Casing Crew / Fillup Tool / LDM		1510-27			\$ -
			Misc. Services / Rentals		1510-28			\$ -
			Contingency (8.25%)		1510-28			\$ 933.96
			Drill Stem Test		1510-37			\$ -
			Mud Logging		1510-43			\$ -
			Surface Casing		1550-1			\$ 4,355.00
			Well Head & Slips		1550-8			\$ -
			P&A		1510-22			\$ -
			Total Length	0.00				\$ -

Effective Bit Weight: Total Costs \$ 12,254.66 \$ 121,755.92
 DP Size DP Weight DP Connection DC Size DC Weight DC Grade DC Connection Buoyancy Wt.
 0 0 0

MW	Vls	PV	YP	Gels		Wtr. Loss	Cake	% Solids	% Sand	pH	Alk	Ca	Cl	% OIL	OWR
				10 sec	10 min	cc.	HTRP	32nd	ES	PI	Pm	Ca <td>Cl <td>% OIL <th>OWR</th> </td></td>	Cl <td>% OIL <th>OWR</th> </td>	% OIL <th>OWR</th>	OWR
8.9	50	17	18			8	1	4.5	9.5			80	4000		

Bit No.	Size (in)	Mfg	Type	Serial No.	Jets /32	Depth In	Footage (ft)	Hrs	FPH	WOB 1000 lbs	RPM	Inner Row	Outer Row	Dull Char.	Locatio n	Brng. Seal	Gage 1/16	Other Dull	Reas. Pulled	
1	12.25	JZ	Rock		15	15	0	0	0											
2	7.875	JZ	HA20Q		13	14	13	3535	3950	415	17.5	23.714	36	70						

Pump No.	Model	Stroke Length	Liner Size	Gal. / Stk. 95% Eff.	SPM	GPM	Pressure psi	Annular Velocity	DC's	SPM	Kill Rate Pres.
No. 1	K-500	16	6	5.58	60	334.86	1000	54.67	54.67		
No. 2		0	0	0.00		0.00					

Depth:	268	Deviation:	0.25	Depth:	3616	Deviation:	0.25
Depth:	1263	Deviation:	0.75	Depth:		Deviation:	
Depth:	2267	Deviation:	0.75	Depth:		Deviation:	

BG Gas: 0 Conn. Gas: 0 Trip Gas: 0 Mud Logger: 0 Remarks:

New Gulf Operating, LLC
 6310 East 102nd Street
 Tulsa, OK 74137
 Phone: 918-728-3020 Fax: 918-728-3194

DAILY DRILLING REPORT

Date: 9/3/2014 Operator: New Gulf Operating Well Name: Martius # 1
 Field or Prospect: South Logan County: Logan Contractor & Rig No.: Val Rig # 4
 Pres Depth: 4310.00 Footage: 360.00 Rot. Hrs.: 19.0 Avg. ROP: 18.95 Phone No.: 620.617.2868
 Present Operation: TOH # DST # 1

Last Casing (Size & Depth): 8 5/8 Set @ 264' Shoe Test: N/A KB to GL: 0
 Spud Date: 8/28/2014 Days from Spud: 7 Consultant: Jim Henkle
 Breakdown of Operations

From	To	Hrs	Repair Hrs. for day:	0	Repair Hrs. for month:	0	BHA Hours:	121.0
0630	0715	0.75	CFS @ 3950'					
0715	0900	1.75	DtHg 3950-3991'					
0900	0930	0.5	Rig Check					
0930	1015	0.75	DtHg 3991-4006'					
1015	1115	1	CFS @ 4006'					
1115	1315	2	DtHg 4006-4048'					
1315	1415	1	CFS @ 4048'					
1415	1430	0.25	DtHg 4048-4054'					
1430	1445	0.25	Rig Check					
1445	2000	5.25	DtHg 4054-4150'					
2000	2100	1	CFS @ 4150'					
2100	2445	3.75	DtHg 4150-4210'					
2445	0100	0.25	Rig Check					
0100	0445	3.75	DtHg 4210-4284'					
0445	0500	0.25	Work on Pump					
0500	0630	1.5	DtHg 4284-4310'					
0630								

Driving Directions:
 Total hrs 24.0 Diesel Used: 0 Diesel on Hand:

Qty	OD	ID	Description	Length	code	Before Casing Point	Before Cag. Point (VNI)	Cumulative
			Roads & Location		1510-2			\$ 4,500.00
			Rig Mobilization		1510-4			\$ 8,000.00
			Contractor: Day Work		1510-6			\$ 13,200.00
			Contractor: Footage		1510-8			\$ 67,520.00
			Water		1510-8			\$ 2,800.00
			Fuel		1510-9			\$ -
			Mud / Diesel / Mineral Oil		1510-10			\$ 14,246.35
			Bits		1510-10			\$ -
			Equipment Rentals		1510-13			\$ 250.00
			Logging		1510-14			\$ 1,750.00
			Cnt Serv/Cents, Float Equip.		1510-16			\$ 4,526.00
			Transportation		1510-18			\$ -
			Supervision		1510-27			\$ 400.00
			Casing Crew / Fillup Tool / LDM		1510-28			\$ -
			Misc. Services / Rentals		1510-28			\$ -
			Contingency (8.25%)		1510-28			\$ 925.71
			Drill Stem Test		1510-37			\$ -
			Mud Logging		1510-43			\$ -
			Surface Casing		1550-1			\$ 4,355.00
			Well Head & Slips		1550-8			\$ -
			P&A		1510-22			\$ -
			Total Length	0.00				\$ -
			Total Costs					\$ 12,146.46
			DC Size					\$ 133,902.38
			DC Weight					\$ -
			DC Grade					\$ -
			DC Connection					\$ -
			Buoyancy Wt.					\$ -

MW	Vls	PV	YP	Gals	Wtr. Loss	Cake	% Solids	% Sand	pH	Alk	Ca	Cl	% OIL	OWR
				10 sec	10 min	cc.	HTHP	32nd						

Shaker Screen Size: _____ Date Last BOP Drill: _____
 Bit Record _____ Date Last BOP Test: _____

Bit No.	Size (in)	Mfg	Type	Serial No.	Jets /32	Depth In	Depth Out	Footage (ft)	Hrs	FPH	WOB 1000 lbs	RPM	Inner Row	Outer Row	Dull Char.	Locatio n	Brng. Seal	Gage 1/16	Other	Reas.	
1	12.25	JZ	Rock		15	15	0	0	0												
2	7.875	JZ	HA20Q		13	14	13	3950	4310	360	19	18.947						36	70		

Pump No.	Model	Stroke Length	Liner Size	Gal. / Stk. 95% Eff.	SPM	GPM	Pressure psi	Annular Velocity	DC's	SPM	Kill Rate
No. 1	K-500	16	6	5.88	60	334.86	1000	54.67	54.67		
No. 2		0	0	0.00		0.00					

Depth:	268	Deviation:	0.25	Depth:	3616	Deviation:	0.25
Depth:	1263	Deviation:	0.75	Depth:		Deviation:	
Depth:	2267	Deviation:	0.75	Depth:		Deviation:	

BG Gas: 0 Conn. Gas: 0 Trip Gas: 0 Mud Logger: _____ Remarks: _____

New Gulf Operating, LLC
 6310 East 102nd Street
 Tulsa, OK 74137
 Phone: 918-728-3020 Fax: 918-728-3194

DAILY DRILLING REPORT

Date: 9/4/2014	Operator: South Logan	New Gulf Operating	Well Name: Martius # 1
Field or Prospect: 4378.00	Footage: 68.00	Rot. Hrs.: 6.0	Contractor & Rig No.: Val Rig # 4
Present Operation:	CFS @ 4378' Fixing to do DST # 2		Phone No.: 620.617.2868
Last Casing (Size & Depth):	8 5/8 Set @ 264'	Shoe Test:	N/A
Spud Date: 8/28/2014	Days from Spud: 8	Consultant: Jim Henkle	KB to GL: 9'

From	To	Hrs	Repair Hrs. for day:	0	Repair Hrs. for month:	0	BHA Hours:	127.0
0630	0745	1.25	Drig 4310-4326'					
0745	0845	1	CFS @ 4326'					
0845	1030	1.75	Short Trip (20 Stands)					
1030	1130	1	CTCH					
1130	1145	0.25	Drop Survey 1 Deg.					
1145	1415	2.5	TOH f/ DST # 1 (Strapped Out) Strap .84 Short					
1415	1445	0.5	Pick up make up test tool					
1445	1630	1.75	TH w/ test tool & pick up test stands					
1630	1930	3	Testing					
1930	2145	2.25	TOH w Test tool & Dump fluid					
2145	2230	0.75	Break and lay tool down					
2230	2245	0.25	Rig Check					
2245	2445	2	TH w/ bit					
2445	0145	1	CTCH					
0145	0630	4.75	Drig 4326-4378'					
0630								

Driving Directions:	
Total hrs	24.0
Diesel Used:	0
Diesel on Hand:	

Qty	OD	ID	Description	Length	code	Drilling Cost		Before Csg. Point (Y/N)	Y
						Before Casing Point	Daily		
			Roads & Location		1510-2				\$ 4,500.00
			Rig Mobilization		1510-4				\$ 8,000.00
			Contractor: Day Work		1510-5				\$ 7,200.00
			Contractor: Footage		1510-6				\$ 1,088.00
			Water		1510-8				\$ 2,800.00
			Fuel		1510-8				\$ -
			Mud / Diesel / Mineral Oil		1510-9				\$ (594.85)
			Bits		1510-10				\$ 250.00
			Equipment Rentals		1510-12				\$ 2,000.00
			Logging		1510-13				\$ -
			Cmt Serv/Cents, Float Equip.		1510-14				\$ 4,526.00
			Transportation		1510-16				\$ -
			Supervision		1510-18				\$ 400.00
			Casing Crew / Fillup Tool / LDM		1510-27				\$ -
			Misc. Services / Rentals		1510-28				\$ -
			Contingency (8.25%)		1510-28				\$ 889.81
			Drill Stem Test		1510-37				\$ 2,200.00
			Mud Logging		1510-43				\$ -
			Surface Casing		1550-1				\$ 4,355.00
			Well Head & Slips		1550-4				\$ -
			P&A		1510-22				\$ -
			Total Length						0.00

Effective Bit Weight:										
DP Size	DP Weight	DP Grade	DP Connection	DC Size	DC Weight	DC Grade	DC Connection	DC Costs	DC Connection	Buoyancy Wt.
0				0				\$ 11,412.96		\$ 145,315.34

MW	Vis	PV	YP	Gels		Wtr. Loss	Cake	Mud Properties		pH	Alk	Ca	Cl	% OIL	OWR
				10 sec	10 min			cc.	HTHP						
9.1	54	17	18			8.3	1	10				70	4500		

Shaker Screen Size:																						
Bit Record																						
Bit No.	Size (in)	Mfg	Type	Serial No.	Jets /32	Jets /32	Depth In	Depth Out	Footage (ft)	Hrs	FPH	WOB 1000 lbs	RPM	Inner Row	Outer Row	Dull Char.	Locatio n	Brng. Seal	Gage 1/16	Other	Reas. Pulled	
1	12.25	JZ	Rock		15	15	0		0	0												
2	7.875	JZ	HA20Q		13	14	4310	4378	68	6	11.333	36	64									

Pump Data															
Pump No.	Model	Stroke Length	Liner Size	Gal. / Stk. 95% Eff.	SPM	GPM	Pressure psi	Annular Velocity	DC's	SPM	Kill Rate Pres.				
No. 1	K-500	16	6	5.58	60	334.86	950	54.67	54.67						
No. 2		0	0	0.00		0.00									

Surveys															
Depth:	268	Deviation:	0.25	Depth:	3616	Deviation:	0.25								
Depth:	1263	Deviation:	0.75	Depth:	4310	Deviation:	1								
Depth:	2267	Deviation:	0.75	Depth:		Deviation:									

BG Gas:	0	Conn. Gas:	0	Trip Gas:	0	Remarks:	
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DAILY DRILLING REPORT

Date:	9/6/2014	Operator:	South Logan	New Gulf Operating	Well Name:	Marius # 1			
Field or Prospect:	4565.00	Footage:	97.00	Rot. Hrs.:	9.5	Avg. ROP:	10.21	Contractor & Rig No.:	Val Rig # 4
Present Operator:		8 5/8 Set @ 264'		Days from Spud:	10	Shoe Test:		Drilling Ahead @ 4613'	620.617.2868
Last Casing (Size & Depth):		8/28/2014		Breakdown of Operations	10	Consultant:	N/A	KB to GL:	Jim Henkle
Spud Date:				Repair Hrs. for day:	0	Repair Hrs. for month:	0	BHA Hours:	144.3

From	To	Hrs	Repair Hrs. for day:	0	Repair Hrs. for month:	0	BHA Hours:	144.3
0630	0800	1.5	TOH # DST # 3					
0800	0845	0.75	Pick up make up test tool					
0845	1015	1.5	TIH w/ tool					
1015	1245	2.5	Testing					
1245	1445	2	TOH w/ test tool & Dump fluid					
1445	1515	0.5	Break and lay down tool					
1515	1530	0.25	Rig Check					
1530	1715	1.75	TIH w/ bit					
1715	1815	1	CTCH					
1815	1900	0.75	Rig Repairs					
1900	2230	3.5	Drig 4468-4502'					
2230	2300	0.5	CFS @ 4502'					
2300	0100	2	Drig 4502-4523'					
0100	0130	0.5	Rig Check					
0130	0400	2.5	Drig 4523-4552'					
0400	0500	1	CFS @ 4552'					
0500	0630	1.5	Drig 4552-4565'					
0630								

Total hrs	24.0	Diesel Used:	0	Diesel on Hand:	0	Before Csg. Point (Y/N)	Y
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Qty	OD	ID	Description	Length	code	Before Casing Point	Daily	Cumulative				
			Roads & Location		1510-2			\$ 4,500.00				
			Rig Mobilization		1510-4			\$ 8,000.00				
			Contractor: Day Work		1510-5			\$ 5,800.00				
			Contractor: Footage		1510-6			\$ 1,552.00				
			Water		1510-8			\$ 2,800.00				
			Fuel		1510-9			\$ 2,293.90				
			Mud / Diesel / Mineral Oil		1510-10			\$ 250.00				
			Equipment Rentals		1510-12			\$ -				
			Logging		1510-13			\$ -				
			Cmt Serv./Cents, Float Equip.		1510-14			\$ 4,526.00				
			Transportation		1510-16			\$ -				
			Supervision		1510-18			\$ 400.00				
			Casing Crew / Fillup Tool / LDM		1510-27			\$ -				
			Misc. Services / Rentals		1510-28			\$ -				
			Contingency (8.25%)		1510-28			\$ 1,030.91				
			Drill Stem Test		1510-37			\$ 2,200.00				
			Mud Logging		1510-43			\$ -				
			Surface Casing		1550-1			\$ 4,355.00				
			Well Head & Slips		1550-4			\$ -				
			P&A		1510-22			\$ -				
			Total Length	0.00				\$ -				
			Effective Bit Weight:					\$ 13,526.81				
			DP Size	DP Weight	DP Grade	DP Connection	DC Size	DC Weight	DC Grade	DC Connection	DC Connection	Buoyancy Wt.
			0				0					

MW	V/s	PV	YP	10 sec	10 min	Gals	Wtr. Loss	Cake	% Solids	% Sand	pH	Alk	Ca	Cl	% OIL	OWR
9.1	55	16	19				8.8	1					40	7200		
Shaker Screen Size:																
Date Last BOP Drill:																
Date Last BOP Test:																

Bit No.	Size (in)	Mfg	Type	Serial No.	Jets /32	Depth In	Depth Out	Footage (ft)	Hrs	FPH	WOB 1000 lbs	RPM	Inner Row	Outer Row	Dull Char.	Locatio n	Brng. Seal	Gage 1/16	Other Dull	Reas. Pulled	
1	12.25	JZ	Rock		15	15	0	0													
2	7.875	JZ	HA20Q		13	14	13	468	4585	97	9.5	10,211	36	65							

Pump No.	Model	Stroke Length	Liner Size	Gal./Stk. 95% Eff.	SPM	GPM	Pressure psi	Annular Velocity DP	DC's	SPM	Kill Rate Pres.
No. 1	K-500	16	6	5.58	60	334.86	950	54.67	54.67		
No. 2		0	0	0.00		0.00					

Depth:	268	Deviation:	0.25	Depth:	3616	Deviation:	0.25
Depth:	1263	Deviation:	0.75	Depth:	4310	Deviation:	1
Depth:	2267	Deviation:	0.75	Depth:		Deviation:	

BG Gas:	0	Conn. Gas:	0	Trip Gas:	0	Remarks:	
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DAILY DRILLING REPORT

Date:	9/7/2014	Operator:	South Logan	New Gulf Operating	Well Name:	Marius # 1					
Field or Prospect:	4665.00	Footage:	100.00	Rot. Hrs.:	7.5	Avg. ROP:	13.33	Contractor & Rig No.:	Val Rig # 4	Phone No.:	620.617.2868
Present Operation:	8 5/8 Set @ 264'		Days from Spud:	11	Shoe Test:	Consultant:	N/A	KB to GL:	9'		
Last Casing (Size & Depth):	8 1/2" Set @ 264'	Shoe Test:	11	Consultant:	N/A	KB to GL:	9'				
Spud Date:	8/28/2014	Days from Spud:	11	Consultant:	Jim Henkle						

Breakdown of Operations								
From	To	Hrs	Repair Hrs. for day:	0	Repair Hrs. for month:	0	BHA Hours:	151.8

0630	0800	1.5	Drig 4565-4586'	0	151.8
0800	0630	0.5	Rig Check		
0830	0845	0.25	Jel Pit # 1		
0845	1200	3.25	Drig 4586-4638'		
1200	1300	1	CFS @ 4638'		
1300	1530	2.5	TOH f/ DST # 4		
1530	1600	0.5	Pick up make up test tool		
1600	1615	0.25	Rig Check		
1615	1745	1.5	TIH w/ test tool		
1745	2045	3	Testing		
2045	2300	2.25	TOH w/ test tool & dump fluid		
2300	2345	0.75	Break & lay down tool		
2345	0215	2.5	TIH w/ bit		
0215	0300	0.75	WOP		
0300	0330	0.5	CTCH		
0330	0445	1.25	Drig 4638-4648'		
0445	0500	0.25	WOP		
0500	0630	1.5	Drig 4648-4665'		
0630					

Driving Directions:

Total hrs	24.0	Diesel Used:	0	Diesel on Hand:	Y
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Qty	OD	ID	Description	Length	code	Before Casing Point	Before Csg. Point (Y/N)	Cumulative
			Roads & Location		1510-2		Daily	
			Rig Mobilization		1510-4			\$ 4,500.00
			Contractor: Day Work		1510-5			\$ 8,000.00
			Contractor: Footage		1510-6			\$ 6,600.00
			Water		1510-8			\$ 1,600.00
			Fuel		1510-8			\$ 2,800.00
			Mud / Diesel / Mineral Oil		1510-9			\$ 963.10
			Bits		1510-10			\$ -
			Equipment Rentals		1510-12			\$ 250.00
			Logging		1510-13			\$ -
			Cmt Serv./Cants. Float Equip.		1510-14			\$ 4,526.00
			Transportation		1510-16			\$ -
			Supervision		1510-18			\$ 400.00
			Casing Crew / Fillup Tool / LDM		1510-27			\$ -
			Misc. Services / Rentals		1510-28			\$ -
			Contingency (8.25%)		1510-28			\$ 991.08
			Drill Stem Test		1510-37			\$ 2,200.00
			Mud Logging		1510-43			\$ -
			Surface Casing		1550-1			\$ 4,355.00
			Well Head & Slips		1550-4			\$ -
			P&A		1510-22			\$ -
			Total Length					\$ 0.00

Effective Bit Weight:	DP Weight	DP Grade	DP Connection	DC Size	DC Weight	DC Grade	DC Connection	Total Costs	\$ 13,004.18	\$ 184,249.19	Buoyancy Wt.
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MW	Vls	PV	VP	Gels	Wtr. Loss	Cake	% Solids	% Sand	pH	Alk	Ca	Cl	% Oil	OWR
9.1	58	16	19	10 sec	10 min	cc.	HTHP	32nd						
						8.9		1			40	7300		

Shaker Screen Size: _____ Date Last BOP Drill: _____ Date Last BOP Test: _____

Bit No.	Size (in)	Mfg	Type	Serial No.	Jets /32	Depth In	Footage (ft)	Hrs	FPH	WOB 1000 lbs	RPM	Inner Row	Outer Row	Dull Char.	Locatio n	Brng. Seal	Gage 1/16	Other Dull	Reas. Pulled	
1	12.25	JZ	Rock		15	15	15	0	0											
2	7.875	JZ	HA20Q		13	14	13	4565	4665	100	7.5	13.333	36	65						

Pump Data

No.	Model	Stroke Length	Liner Size	Gal. / Stk. 95% Eff.	SPM	GPW	Pressure psi	Annular Velocity DP	DC's	SPM	Kill Rate Pres.
No. 1	K-500	16	6	5.58	0.00	0.00		0.00	0.00		
No. 2		0	0	0.00	0.00	0.00					

Surveys

Depth:	268	Deviation:	0.25	Depth:	3616	Deviation:	0.25
Depth:	1263	Deviation:	0.75	Depth:	4310	Deviation:	1
Depth:	2267	Deviation:	0.75	Depth:		Deviation:	

Mud Logger: _____ Trip Gas: 0

BG Gas: 0 Conn. Gas: 0 Trip Gas: 0 Remarks: _____

New Gulf Operating, LLC
 6310 East 102nd Street
 Tulsa, OK 74137
 Phone: 918-728-3020 Fax: 918-728-3194
DAILY DRILLING REPORT

Date: 9/8/2014 Operator: South Logan New Gulf Operating Well Name: Martus # 1
 Field or Prospect: South Logan County: Logan Contractor & Rig No.: Val Rig # 4
 Pres Depth: 4765.00 Footage: 100.00 Rot. Hrs.: 9.0 Avg. ROP: 11.11 Phone No.: 620.617.2868
 Present Operation: Lay down drill collars
 Last Casing (Size & Depth): 8 5/8 Set @ 264' Shoe Test: N/A KB to GL: 9'
 Spud Date: 8/28/2014 Days from Spud: 12 Consultant: Jim Henkle

Breakdown of Operations

From	To	Hrs	Repair Hrs. for day:	0	Repair Hrs. for month:	0	BHA Hours:	160.8
0630	0800	1.5	Drig 4665-4680'					
0800	0830	0.5	Rig Check					
0830	1600	7.5	Drig 4680-4765'					
1600	1730	1.5	CFS @ 4765'					
1730	1945	2.25	Drop Survey .25 Deg. TOH if logs					
1945	0100	5.25	Logging					
0100	0330	2.5	TIH w/ bit					
0330	0500	1.5	CTCH					
0500	0630	1.5	TOH laying down pipe					
0630								

Driving Directions:

Total hrs	Diesel Used:	Diesel on Hand:
24.0	0	0

Qty	OD	ID	Description	Length	code	Before Casing Point	Before Csg. Point (VN)	Cumulative
			Bottomhole Assembly					Y
			1510-2		Roads & Location			\$ 4,500.00
			1510-4		Rig Mobilization			\$ 8,000.00
			1510-5		Contractor: Day Work			\$ 6,000.00
			1510-6		Contractor: Footage			\$ 1,600.00
			1510-8		Water			\$ 2,800.00
			1510-8		Fuel			\$ -
			1510-9		Mud / Diesel / Mineral Oil			\$ 17,576.10
			1510-10		Bits			\$ -
			1510-12		Equipment Rentals			\$ 250.00
			1510-13		Logging			\$ 7,800.00
			1510-14		Cmt Serv./Cents. Float Equip.			\$ 4,528.00
			1510-16		Transportation			\$ -
			1510-18		Supervision			\$ 400.00
			1510-27		Casing Crew / Fillup Tool / LDM			\$ -
			1510-28		Misc. Services / Rentals			\$ -
			1510-28		Contingency (8.25%)			\$ 1,324.13
			1510-37		Drill Stem Test			\$ 8,800.00
			1510-43		Mud Logging			\$ -
			1550-1		Surface Casing			\$ 4,355.00
			1550-8		Well Head & Slips			\$ -
			1510-22		P&A			\$ -
			Total Length					\$ -
								\$ 0.00
			Effective Bit Weight:					\$ -
								\$ 17,374.13
			DC Size					\$ 201,623.31
			DP Weight					\$ -
			DP Grade					Buoyancy Wt.
			DP Connection					0
			DC Size					0
			DC Weight					0
			DC Grade					0
			DC Connection					0

Mud Properties

MW	Vls	PV	YP	Gels	Wtr. Loss	Cake	% Solids	% Sand	pH	Alk	Ca	Cl	% OIL	DWR
9.1	56	14	22	10 sec	10 min	cc.	HTRP	32nd	5.3	tr	10	60	7000	

Shaker Screen Size:

Bit No.	Size (in)	Mfg	Type	Serial No.	Jets	Depth In	Depth Out	Footage (ft)	Hrs	FPH	WOB	RPM	Inner Row	Outer Row	Dull Char.	Locatio n	Brng. Seal	Gage 1/16	Other Dull	Reas. Pulled	
1	12.25	JZ	Rock		15	15	15	0	0	0											
2	7.875	JZ	HA20Q		13	14	13	4665	4765	100	9	11,111	35	65							

Bit Record

Bit No.	Size (in)	Mfg	Type	Serial No.	Jets	Depth In	Depth Out	Footage (ft)	Hrs	FPH	WOB	RPM	Inner Row	Outer Row	Dull Char.	Locatio n	Brng. Seal	Gage 1/16	Other Dull	Reas. Pulled	
1	12.25	JZ	Rock		15	15	15	0	0	0											
2	7.875	JZ	HA20Q		13	14	13	4665	4765	100	9	11,111	35	65							

Pump Data

Pump No.	Model	Stroke Length	Liner Size	Gal. / Shk. 95% Eff.	SPM	GPM	Pressure psi	DP	DC's	SPM	Kill Rate Pres.
No. 1	K-800	16	6	5.58	60	334.66	1000	54.67	54.67		
No. 2		0	0	0.00		0.00					

Surveys

Depth:	288	Deviation:	0.25	Depth:	3616	Deviation:	0.25
Depth:	1263	Deviation:	0.75	Depth:	4310	Deviation:	1
Depth:	2267	Deviation:	0.75	Depth:	4765	Deviation:	0.25

Mud Logger

BG Gas:	0	Conn. Gas:	0	Trip Gas:	0	Remarks:

Date:	9/9/2014	Operator:	South Logan	New Gulf Operating	Well Name:	Marius # 1				
Field or Prospect:	4765.00	Footage:	0.00	Rot. Hrs.:	Logan	Contractor & Rig No.:	Val Rig # 4			
Present Operation:					Avg. ROP:		Phone No.:	620.617.2868		
Last Casing (Size & Depth):		8 5/8 Set @ 264'		Shoe Test:		N/A		KB to GI:	9'	
Spud Date:		8/28/2014		Days from Spud:		13		Consultant:		Jim Henkle

Breakdown of Operations									
From	To	Hrs	Repair Hrs. for day:	0	Repair Hrs. for month:	0	BHA Hours:	160.8	
0630	0930	3	Lay down pipe & Drill collars						
0930	1015	0.75	Cellar Work						
1015	1100	0.75	Rig up casing crew						
1100	1245	1.75	Run 5 1/2 casing						
1245	1345	1	Rig up & Circulate						
1345	1430	0.75	Cement bottom stage						
1430	1730	3	Wait on cement						
1730	1845	1.25	Cement top stage						
1845	2245	4	Set slips & rig down						
2245									

Run 110 jls. New J-55 API 5.5 15.5# Tally 4763' Set @ 4761'
 DV Tool Set @ 2451' Marker Jt. @ 4245'
 Cement bottom stage w/ 200sx. OWC
 Cement top stage w/ 425 sx. 60/40 Poz 8% Gal 1/4# Floseal
 Cement DID Circulate
 Consolidated Cementing Ticket # 47684
 DV Tool SR# 2019527

Driving Directions:		
Total hrs	Diesel Used:	0
16.3	Diesel on Hand:	

Qty	OD	ID	Description	Length	code	Drilling Cost		Before Csg. Point (Y/N)	Y
						Before Casing Point	Daily		
			Roads & Location		1510-2				\$ 4,500.00
			Rig Mobilization		1510-4				\$ 8,000.00
			Contractor: Day Work		1510-5				\$ 6,500.00
			Contractor: Footage		1510-6				\$ 51,800.00
			Water		1510-8				\$ 74,800.00
			Fuel		1510-8				\$ 2,800.00
			Mud / Diesel / Mineral Oil		1510-9				\$ 17,576.10
			Bits		1510-10				\$ -
			Equipment Rentals		1510-12				\$ 250.00
			Logging		1510-13				\$ 7,800.00
			Cmt Serv./Cents, Float Equip.		1510-14				\$ 22,174.02
			Transportation		1510-16				\$ -
			Supervision		1510-18				\$ 400.00
			Casing Crew / Fillup Tool / LDM		1510-27				\$ 4,100.00
			Misc. Services / Rentals		1510-28				\$ -
			Contingency (8.25%)		1510-28				\$ 6,444.94
			Drill Stem Test		1510-37				\$ 43,581.45
			Mud Logging		1510-43				\$ 1,115.00
			Long String		1550-1				\$ -
			Well Head & Slips		1550-8				\$ 47,936.45
			P&A		1510-22				\$ 1,115.00
			Total Length	0.00					\$ -
			Total Costs						\$ 84,565.41
			DC Size						\$ 286,188.72
			DC Weight						\$ -
			DC Grade						\$ -
			DC Connection						\$ -
			Buoyancy Wt.						\$ -

Effective Bit Weight:	DP Weight:	DP Grade:	DP Connection:	DC Size:	DC Weight:	DC Grade:	DC Connection:
0				0			

Mud Properties										
MW	Vls	PV	YP	Gels	10 min	10 min	cc.	HTRHP	32nd	Cake

Shaker Screen Size:	Date Last BOP Drill:	Date Last BOP Test:

Bit No.	Size (in)	Mfg	Type	Serial No.	Jets		Depth In	Footage (ft)	Hrs	FPH	WOB 1000 lbs	RPM	Inner Row	Outer Row	Dull Char.	Locatio n	Brng. Seal	Gage 1/16	Other Dull	Reas. Pulled
					/32	/32														
1	12.25	JZ	Rock	15	15	15	0	0	0											
2	7.875	JZ	HR20Q	13	14	13	4665	-4665	0											

Pump Data										
Pump No.	Model	Stroke Length	Liner Size	Gal. / Stk. 95% Eff.	SPM	GPM	Pressure psi	Annular Velocity DP	DC's	Kill Rate SPM
No. 1	K-500	16	6	5.58	0.00	0.00		0.00	0.00	
No. 2		0	0	0.00	0.00	0.00		0.00	0.00	

Surveys									
Depth:	268	Deviation:	0.25	Depth:	3616	Deviation:	0.25	Depth:	
Depth:	1263	Deviation:	0.75	Depth:	4310	Deviation:	1	Depth:	
Depth:	2267	Deviation:	0.75	Depth:	4765	Deviation:	0.25	Depth:	

BG Gas:	0	Conn. Gas:	0	Trip Gas:	0	Remarks:	
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