

Bienski, Janet

From: alton roper [arkieroper@yahoo.com]
Sent: Sunday, September 11, 2011 2:05 PM
To: Wall, Brad; Gilroy, Eric; Bienski, Janet; Scheh, Johnetta; Thomas, Lee; Venegas, Louie; LeMay, Phil; Trueheart, Richard; King, Tami
Subject: SHARBRO FED # 10/ PM REPORT

Good afternoon
drlg f/ 5911 t/ 6290
cut 379' in 6 1/2 hr 58.3fph
15-20k, 55 rpm, 1300 psi pump 393 gpm = 102 dhrpm

Alton

Bienski, Janet

From: alton roper [arkieroper@yahoo.com]
Sent: Sunday, September 11, 2011 7:23 AM
To: Wall, Brad; Gilroy, Eric; Bienski, Janet; Scheh, Johnetta; Thomas, Lee; Venegas, Louie; LeMay, Phil; Trueheart, Richard; King, Tami
Subject: SHARBRO FEDERAL # 10 /AM REPORT
Attachments: Sharbro # 10 09-11-2011.xls

Good morning
drlg f / 4801 t/ 5911 1110' 23 hr aver 48.26
mud wt 9 vis 28 ph 10
last survey @ 5346 ,6 deg
current background 224
max 250

Alton

SHARBRO FEDERAL #10										Date: 09/11/2011			
AFE No: C01102057										Daily Drilling Report			
DFS:													
REPT NO. 16	OPERATOR ENERVEST OPERATING			FIELD NAME SAND DUNES		RIG NAME UNITED		TMD 5911	TVD	FOOTAGE 1110	ROP 0.0		
API 3002640218	STATE TEXAS			COUNTY LEA		DIVISION ENERVEST OPERATING LLC		ELEV. 3,568.0	DIESEL	MUD COST/DAY/CUMI \$0 / 30			
CURRENT STATUS		DRILLING AHEAD @ 5911'			SPUD DATE		ACC LST 24 HRS?		WELL COST/DAY/CUMI \$30,938 / \$1,026,055				
24 HR FORECAST		DRILLING AHEAD			RIG PHONE NO.		AUTH TMD/AUTH COST 8,900.0 R / \$1,901,200.00		SUPERVISOR/DRILLING ENG ALTON ROOPER/LEE THOMAS				
LAST CASING		FIT NEXT CASING			LAST BOP TEST								
OPERATE SUMMARY: DRLG F/4801-5911'. SURVEY													
BITS/ BIT OPERATIONS													
BIT/RUN	SIZE	TYPE	SERIAL#	JETS / TFA	WOB	RPM	GPM/PP	DHRPM	DEPTH I/O	FTG	HRS	ROP	I-O-B-G-R
BIT HYDRAULICS				Impact Force		P. BIT	NOZ. VEL.		HHP	HHP/Area			---
DAY COST													
BHA NO.	ITEM DESCRIPTION	JTS	O.D.	I.D.	LENGTH	CLASS	CODE	DESCRIPTION	VENDOR	AMOUNT			
	IDC					830.036		DRILL COM		350			
	IDC					830.057				1400			
	IDC					830.024				12,500			
	IDC					830.041		DRLG JAR		380			
	IDC					830.041		6 1/4" MTR		3680			
	IDC					830.041		MTR INSURANCE		350			
	IDC					830.083			CRI DISPOSAL	4255			
	IDC					830.022		MAIN ROAD REPAIR		715			
	IDC					830.062		DISPOSAL		2445			
	IDC					830.044				1200			
	IDC					830.042			MIDLAND SAFETY &	65			
	IDC					830.042		TRASH BASKET	BIG DAVES RENTAL	18			
	IDC					830.042		WATER TANKS-SEWER	STALLION	200			
	IDC					830.042		CLOSED LOOP SYSTEM	CLS	2500			
	IDC					830.042		ROTATING HEAD	WEATHERFORD CP	135			
	IDC					830.042			PASON	225			
	IDC					830.042		FRAC TANKS	G-S	100			
	IDC					830.042		SEPTIC	LENCO	45			
	IDC					830.042		TRAILER HOUSE	STALLION	75			
	IDC					830.042		GAS BUSTER	MCGUIRE INDUSTRI	320			
WT BW JRS	ST WT UP	ST WT DN	ST WT ROT	TORQUE	LENGTH								
SURVEY DATA													
MD	INCL	AZI	TVD	V. SEC	DLS	MD	INCL	AZI	TVD	V. SEC	DLS		
DENS(ppg) BGas TGas MUD DATA TOTAL FLUID LOST													
FV	PV/YP	GELS	WL/HTHP	OIL/WAT	LGS/T-SOL	%SAND/MBT	PH/PM	PI/MI	CI	Ca	FC	LIME	ES
PUMP/HYDRAULICS													
NO.	MODEL OF PUMP	PUMP OPERATION	SPM	PUMP PRESS. DROP AT	GPM	AV DC	AV DP						
1	T-500												
2	PZ-9-1000												
TOTAL							0						
MUD ADDITIVES													
ITEM	USED	UNITS	ITEM	USED	UNITS								
OPERATION DETAILS													
HOURS	DUR (hr)	CODE	SUB	DESCRIPTION									
06:00 - 09:00	3.00	02 P		DRLG F/4801-4959'									
09:00 - 09:30	0.50	09 P		SURVEY @ 4888' 1.8 DEG									
09:30 - 18:00	8.50	02 P		DRLG F/4959-5435'									
18:00 - 18:30	0.50	09 P		SURVEY @ 5364' 6 DEG									
18:30 - 06:00	11.50	02 P		DRLG F/5435-5911'									

Printed: 9/13/2011 6:37 am

Report date 09/11/2011	Days spent 5.911	Storage 1,118.00	Cost density 0.00	Current status DRILLING AHEAD @ 5911'	Well name SHARBRO FEDERAL #10	Well cost date \$1,026,055.00
---------------------------	---------------------	---------------------	----------------------	--	----------------------------------	----------------------------------

Page 1 of 1

Date: 10/31/2010

AFE No: C0-1003-052

Daily Drilling Report

DFS: 12

REPT NO.	OPERATOR	FIELD NAME	RIG NAME	TMD	TVD	FOOTAGE	ROP
17	ENERVEST OPERATING	SAND DUNES	UNITED #41	5880	2973	1301	56.8

API	30-025-39818	STATE	NEW MEXICO	COUNTY	LEA	DIVISION	ENERVEST OPERATING LLC
-----	--------------	-------	------------	--------	-----	----------	------------------------

CURRENT STATUS	SPUD DATE	ELEV.	DIESEL	MUD COST/DAY(CUM)
DRILLING AHEAD ON PRODUCTION HOLE 7.875		3,570.0		\$4303.185/HR

24 HR FORECAST	DRILLING AHEAD ON 7 7/8 PRODUCTION HOLE	RIG PHONE NO. 575-910-2003	ACC LST 24 HRS?	WELL COST/DAY/CUM
----------------	---	-------------------------------	-----------------	-------------------

LAST CASING 8.625 in @ 4,559.0 ft	FIT	NEXT CASING 5.500 in @ 8,800.0 ft	LAST BOP TEST 10/26/2010	AUTH TMD/AUTH COST 8,800.0 ft / \$1,901,200.00	SUPERVISOR/DILLING ENG ROGER LOCKE/JIM COOK
--------------------------------------	-----	--------------------------------------	-----------------------------	---	--

OPERATE SUMMARY: DRILLING ON 7 7/8" PRODUCTION HOLE FROM 4766' TO 5860' 1094' 48FPH

BITS/BIT OPERATIONS

WTRUN	SIDE	TYPE	RENDLL	JETS / IN	NOZ	TOW	DEPTH	DURPM	DEPTH	FTG	HRS	AUG	V-S-CR
		JET HYDRAULICS		Impact Force		P. BIT		NOZ. VEL.		HHP		LMP/AUG	---

ITEM NO.	5	BITA			CLASS	DAY COST	DAY COST DESCRIPTION	VE INDEX	LIGHTS
ITEM DESCRIPTION	JTS	O.D.	I.D.	LENGTH	CLASS	DAYS COST	DAY COST DESCRIPTION	VE INDEX	LIGHTS
Polycrystalline Diamond Bit	1	7.825	6.000	1.00	IDC	830.059		ESTRELLA WELDING	
Positive Displacement Motor	1	6.000	6.000	27.02	IDC	830.056		TOTAL ENERGY SERVICE	160
Polycrystalline Diamond Bit	1	7.825	6.000	1.00	IDC	830.056		FORLIFT ENTERPRISE	
Positive Displacement Motor	1	6.000	6.000	27.02	IDC	830.024		UNITED DRILLING	10,000
Drill Collar	1	6.000	6.000	31.26	IDC	830.028	FUEL, POWER, WATER	WAKEFIELD OIL CO	11,876
Integral Blade Stabilizer	1	7.825	6.000	6.50	IDC	830.028	FUEL, POWER, WATER	NORMAN OIL FIELD SERV	325
Drill Collar	1	6.000	6.000	31.29	IDC	830.031		BAROID	148
Integral Blade Stabilizer	1	7.825	6.000	5.25	TDC	840.067	SURFACE CASING	ENERVEST	
Drill Collar	1	6.000	6.000	31.26	IDC	830.042		RTO SALES & EQUIPMENT	2610
Drill Collar	11	6.000	6.000	344.53	IDC	830.042		B&L SATELLITE	1125
Mechanical Jar	1	6.000	6.000	31.74	IDC	830.042			1800
Integral Blade Stabilizer	1	7.825	6.000	6.50	IDC	830.042		OD RENTAL	2200
Drill Collar	4	6.000	6.000	125.78	IDC	830.037		EOS	0
Drill Collar	1	6.000	6.000	31.29	IDC	830.037		HOT WHEELS	0
Integral Blade Stabilizer	1	7.825	6.000	5.25					
Drill Collar	12	6.000	6.000	375.16					
Mechanical Jar	1	6.000	6.000	31.74					
Drill Collar	4	6.000	6.000	125.78					

WT. IN LBS.	ST. WT. LF.	ST. WT. DR.	ST. WT. HOT	TORQUE	LENGTH
	150	145	140		1 239 37

SURVEY DATA							FAST SURVEY DATA			80.92	0.00
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
933	0.50	0.00	0.00	0.00	0.00	4099	2.40		1,213.11	44.71	0.31
1910	0.70	0.00	0.00	0.00	0.00	4559	2.50		1,672.69	64.37	0.02
2885	1.00	0.00	0.00	0.00	0.00	5035	0.60		2,148.50	77.25	0.40
3907	3.00		1,021.33	35.67	0.20	5736	0.00		2,849.48	80.92	0.09

[illegible]

PUMP/HYDRAULICS										
QD	MODEL OF PUMP	STROKE	LENGTH	PUMP INFORMATION	SPM	PRESS. (PSI)	100% PRESS. DROP (A)	GPM	AV. DIS.	AV. HP
1	500 HP DETROIT DIESEL 60 SERI	8.000								
1	T-500	7.000								
2	PZ-9-1000									
2	PZ-9-1000	9.000								
TOTAL										

MUD ADDITIVES					
ITEM	USED	INVENTORY	ITEM	USED	INVENTORY
UAGEL	50	50 00 LB	LIME	5	50 00 LB
DA ASH	3	50 00 LB	X-207 JUG	3	6 00 LB
O/L COST	1	1	CAUSTIC	1	LB

OPERATION DETAILS				
HOURS	DUR(Hrs)	CODE	SUP	DESCRIPTION
00 - 11:00	5.00	02 P		DRILLING 7 7/8" PRODUCTION HOLE FROM 4766 TO 5075 309' 61.8 FPH SUPPLY 125.5 125' 0.0"
00 - 04:30	17.00	02 P		DRILLING 7 7/8" PRODUCTION HOLE FROM 5075 TO 5803 728' 43 FPH SUPPLY 125.5 125' 0.0"
00 - 06:00	1.00	02 P		DRILLING 7 7/8" PRODUCTION HOLE FROM 5803 TO 5860 57' 57 FPH

Date: 11/01/2010

AFE No: CO-1003-052

Daily Drilling Report

DFS: 13

REPT NO.	18	OPERATOR	ENERVEST OPERATING	FIELD NAME	SAND DUNES	RIG NAME	UNITED #41	TMD	5943	TVD	4056	FOOTAGE	1083	ROP	46.1
API	30-025-39818	STATE	NEW MEXICO	COUNTY	LEA	DIVISION	ENERVEST OPERATING LLC								
CURRENT STATUS	DRILLING 7 7/8" PRODUCTION HOLE				SPUD DATE	ELEV.	DIESEL	MUD COST(DAY/CUM)							
24 HR FORECAST	DRILLING 7 7/8" PRODUCTION HOLE				RIG PHONE NO.	575-910-2003	ACC LST 24 HRS?	WELL COST(DAY/CUM)							
LAST CASING	8.625 in @ 4,559.0 ft	FIT	NEXT CASING	5.500 in @ 8,800.0 ft	LAST BOP TEST	10/26/2010	AUTH TMD/AUTH COST	8,800.0 ft / \$1,901,200.00	SUPERVISOR/DRILLING ENG						
OPERATE SUMMARY:		DRILLING AHEAD ON 7 7/8" PRODUCTION HOLE DRILL FROM 5860 TO 6943 FOR 1083 FT 46 FPH													

WISJIT OPERATIONS

DATE	TIME	DETAILS	DETS. TRA.	WIND	SPR	SPRAPP	DRGPA	DEPTHING	FC	HPS	WAT	NOTES
		BETHYDEADEN'S	Impact Force		P. BIT		NOZ. VEL.		HHP		HHP/Area	...

5		SHA			DAY COST			TOTAL PRICE	
ITEM DESCRIPTION	QTY	Q.D.	LA	LF/MT	CLASS	830.055	DESCRIPTION	VENUE	AMOUNT
Polycrystalline Diamond Bit	1	7.825	7.825	1.00	IDC	830.055		FORLIT ENTERPRISE	0
Positive Displacement Motor	1	6.000	6.000	27.02	IDC	830.056		ESTRELLA WELDING	0
Polycrystalline Diamond Bit	1	7.825	7.825	1.00	IDC	830.056		TOTAL ENERGY SERVICE	1600
Positive Displacement Motor	1	6.000	6.000	27.02	IDC	830.024		UNITED DRILLING	10,000
Drill Collar	1	6.000	6.000	31.26	IDC	830.031		BAROID	148
Integral Blade Stabilizer	1	7.825	6.000	6.50	TDC	840.067	SURFACE CASING	ENERVEST	0
Drill Collar	1	6.000	6.000	31.29	IDC	830.042		B&L SATELLITE	1125
Integral Blade Stabilizer	1	7.825	6.000	5.25	IDC	830.042		RTO SALES & EQUIPMENT	2610
Drill Collar	1	6.000	6.000	31.26	IDC	830.042		OD RENTAL	2200
Drill Collar	11	6.000	6.000	344.53	IDC	830.042			1800
Mechanical Jar	1	6.000	6.000	31.74	IDC	830.037		EOS	0
Integral Blade Stabilizer	1	7.825	6.000	6.50	IDC	830.037		HOT WHEELS	0
Drill Collar	4	6.000	6.000	125.78					
Drill Collar	1	6.000	6.000	31.29					
Integral Blade Stabilizer	1	7.825	6.000	5.25					
Drill Collar	12	6.000	6.000	375.16					
Mechanical Jar	1	6.000	6.000	31.74					
Drill Collar	4	6.000	6.000	125.78					

STATION	STATION	STATION	STATION	STATION	STATION
155	145	150			1 239 37

SURVEY DATA							LAST SURVEY DATA			80.92	1.00
MP	W	W	W	W	W	W	W	W	W	W	W
933	0.50	0.00	0.00	0.00	0.00	0.00	4559	2.50	1,972.69	64.37	0.02
1910	0.70	0.00	0.00	0.00	0.00	0.00	5035	0.60	2,148.50	77.25	0.40
2885	1.00	0.00	0.00	0.00	0.00	0.00	5736	0.00	2,649.48	80.92	0.09
3907	3.00		1,021.33	35.67	0.20	0.20	6528	0.20	3,641.48	82.30	0.00
4099	2.40		1,213.11	44.71	0.31	0.31					

REVISED	10.3	ROCE	TIME	/	MID DATA	TOTAL FIDUCIARY							
FV	REVISED	COST	W/INTBP	Q/INT	LAST FV	LAST FV	REVISED	REVISED	Q	C	PC	LINE	EX
30	1/2	2/1/0	100.0/0	0/86	24.7/2.7	2/0.0	10.00/0.30	0.35/1.60	189.000	0	2.0	0.0	0

PUMP PERFORMANCE										
NO.	MODEL OF PUMP	THP (ft)	LEAK (l)	TIME OPERATION	SPM	PRESS (bar)	USE POWER (HP/KW)	QPM	AV DC	AV IP
1	500 HP DETROIT DIESEL 60 SERI	8.000								
1	T-500	7.000								
2	PZ-9-1000									
2	PZ-9-1000	9.000								
TOTAL								0		

MUD ADDITIVES					
CHEM	USED	UNITS	REM	USED	UNITS

OPERATION DETAILS				
RODLOG	START TIME	CODE	SPR	DESCRIPTION
00 - 22:00	16.00	02 P		DRILLING 7 7/8" PRODUCTION HOLE FROM 5860' TO 6595' 735FT 46 FPH
00 - 22:30	0.50	03 F		SURVEY 2500' FROM 11.5'
30 - 06:00	7.50	02 P		DRILLING 7 7/8" PRODUCTION HOLE FROM 6595' TO 6943' 348 FT 46 FPH

9