



# Storm Cat Energy Daily Drilling Report

Report for: 7/13/2008  
Report #: 2.0, DFS: 0.25  
Depth Progress:

Well Name: Kamalmaz 2-13H

API/UWI 03-141-10363		Surface Legal Location SH: 2544' FNL & 331' FEL BH: 412' FNL & 2711' FEL		County Van Buren		State/Province Arkansas		Field Name B-43				
Spud Date 7/14/2008		Completion Date		Ground Elevation (ft) 1,635.00		KB-Ground Distance (ft) 15.00						
Weather Warm		Temperature (°F) 90.0		Road Condition Good		Hole Condition						
Operations at Report Time Prepare to spud surface hole				Operations Next Report Period Run surface csg & cement								
Operations Summary R/U - P/U hammer												
<b>Time Log</b>												
Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment						
06:00	06:00	24.00	24.00	01	Rig Up & Tear Down	Continue R/U ops - pick up floor tools - P/U kelly - prepare to P/U hammer						
<b>Bit Run</b>												
Drill Bit	Length (ft)			IADC Bit Dull		TFA (incl Noz) (in²)		BHA RO...				
Nozzles (/32")				String Length (ft)		OD (in)						
String Components												
Comment												
Wellbore	Start (ftKB)	End (ftKB)	Cum Depth (ft)	Cum Drill Time (hrs)	Int ROP (ft/hr)	Q (flow) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	Drill Tq
<b>Kicks</b>												
Kick Date	Kick Depth (ftKB)	Kick Vol (bbl)	Kill Notes							Ops In Prog		
<b>Logs</b>												
Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company		Run No.	Comment					
<b>Formations</b>												
Formation Name	Form Code	Drill Top MD (ftKB)	Drill Btm MD (ftKB)	Drill Source		Comment						

AFE Number USA08005		Total AFE Amount	
Daily Cost Total		Cum Cost To Date	
Daily Mud Cost		Mud Cum To Date	
Depth Start (ftKB)		Depth End (ftKB)	
Target Formation Lower Fayetteville Shale		Target Depth (ftKB) 4,604.0	
Last Casing String Conductor, 53.0ftKB			
<b>Daily Contacts</b>			
Job Contact		Mobile	
<b>Union Drilling Inc, 032</b>			
Contractor Union Drilling Inc		Rig Number 032	
Rig Supervisor Thomas Majors		Phone Mobile 337-408-3014	
<b>1, Continental-Emsco, F-800</b>			
Pump Number 1	Pwr (hp) 800.0	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.097	
Pres (psi)	Slow Spd No	Strokes (s...)	Eff (%)
<b>2, Continental-Emsco, F-1000</b>			
Pump Number 2	Pwr (hp) 1,000.0	Rod Dia (in)	
Liner Size (in) 6 1/2	Stroke (in) 10.00	Vol/Stk OR (b... 0.102	
Pres (psi)	Slow Spd No	Strokes (s...)	Eff (%)
<b>Wellbores</b>			
Wellbore Name Original Hole		Kick Off Depth (ftKB)	



# Storm Cat Energy Daily Drilling Report

Report for: 7/14/2008  
Report #: 3.0, DFS: 1.25  
Depth Progress: 612.00

Well Name: Kamalmaz 2-13H

API/UWI 03-141-10363	Surface Legal Location SH: 2544' FNL & 331' FEL BH: 412' FNL & 2711' FEL	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 7/14/2008	Completion Date	Ground Elevation (ft) 1,635.00	KB-Ground Distance (ft) 15.00	
Weather Warm	Temperature (°F) 88.0	Road Condition Good	Hole Condition Sticky	
Operations at Report Time TOOH to run surface csg			Operations Next Report Period Drill to KOP	

## Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	08:30	2.50	2.50	08	Tripping In	P/U 12" Hammer & 12 3/8" hammer bit, X/O's and rotating rubber - TIH
08:30	10:00	1.50	4.00	02	Drilling	Tag @ 45.0 - attempt to dry hole - spud well @ 0830 on 7-14-08 Drill w/ 2 - Ingersol Rand 1050 cfm comp w/ Cat power - max WP @ 300#
10:00	11:00	1.00	5.00	11	Rig Repair	Rotating head locked up - change out
11:00	16:00	5.00	10.00	02	Drilling	Drill 12 3/8" hole w/ air/foam/mist from 53.0 to 204.0 - hole wet
16:00	16:30	0.50	10.50	13	Deviation Survey	Survey w/ 14 degree tool - 3/4 degree @ 166.0
16:30	23:00	6.50	17.00	02	Drilling	Drill 12 3/8" hole w/ air/foam/mist from 204.0 to 450.0
23:00	23:30	0.50	17.50	13	Deviation Survey	Survey @ 412.0 of 1 degree
23:30	04:00	4.50	22.00	02	Drilling	Drill 12 3/8" hole from 450.0 to 665.0 - TD surface hole
04:00	04:30	0.50	22.50	13	Deviation Survey	Survey 1.5 degrees 2 627.0
04:30	05:00	0.50	23.00	00	Undefined Status	Blow hole w/ air/foam/mist to clean @ TD
05:00	06:00	1.00	24.00	09	Tripping Out	TOOH w/ hammer @ TD of surface hole

## BHA #1, Surface

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA RO...
1	12 3/8in, <Model?>, 6039559-02	0.60	2-2-WT-A-N/A-2-WT-TD		35.0
Nozzles (/32")		String Length (ft)	OD (in)		
		630.46	12.000		

## String Components

Ing Rand, IR QL-120 Hammer, Bit Sub, XO Sub, Drill Collar, XO Sub, HWDP

## Comment

Drill surface hole w/ RR 12 3/8" IR hammer bit.

Wellbore	Start (ftKB)	End (ftKB)	Cum Depth (ft)	Cum Drill Time (hrs)	Int ROP (ft/hr)	Q (flow) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	Drill Tq
Original Hole	53.0	665.0	612.00	17.50	35.0		4	22	230.0			

## Kicks

Kick Date	Kick Depth (ftKB)	Kick Vol (bbl)	Kill Notes	Ops In Prog

## Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment

## Formations

Formation Name	Form Code	Drill Top MD (ftKB)	Drill Btm MD (ftKB)	Drill Source	Comment

AFE Number USA08005	Total AFE Amount
Daily Cost Total 235,125.00	Cum Cost To Date 235,125.00
Daily Mud Cost	Mud Cum To Date
Depth Start (ftKB) 53.0	Depth End (ftKB) 665.0
Target Formation Lower Fayetteville Shale	Target Depth (ftKB) 4,604.0

Last Casing String  
Conductor, 53.0ftKB

## Daily Contacts

Job Contact	Mobile
Thomas Majors	337-408-3014

## Union Drilling Inc, 032

Contractor Union Drilling Inc	Rig Number 032
Rig Supervisor Thomas Majors	Phone Mobile 337-408-3014

## 1, Continental-Emsco, F-800

Pump Number 1	Pwr (hp) 800.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.097
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## 2, Continental-Emsco, F-1000

Pump Number 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/2	Stroke (in) 10.00	Vol/Stk OR (b... 0.102
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## Wellbores

Wellbore Name Original Hole	Kick Off Depth (ftKB)
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# Storm Cat Energy Daily Drilling Report

Report for: 7/15/2008  
Report #: 4.0, DFS: 2.25  
Depth Progress: 0.00

Well Name: Kamalmaz 2-13H

API/UWI 03-141-10363	Surface Legal Location SH: 2544' FNL & 331' FEL BH: 412' FNL & 2711' FEL	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 7/14/2008	Completion Date	Ground Elevation (ft) 1,635.00	KB-Ground Distance (ft) 15.00	
Weather Warm - humid	Temperature (°F) 90.0	Road Condition Good	Hole Condition Good	
Operations at Report Time WOC from 1" top job		Operations Next Report Period Drill to KOP		

## Operations Summary

Run 9 5/8" surface csg - cement - circ cement but did not displace - WOC - cut csg - W/O cement truck for top job - cement thru 1" to surface - WOC

## Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	07:00	1.00	1.00	09	Tripping Out	TOOH - stand back - L/D hammer
07:00	08:00	1.00	2.00	15	Run Casing	R/U GRACO casing crew
08:00	10:00	2.00	4.00	15	Run Casing	Run 26 jts of 9 5/8" - 36# - J55 - LT&C @ 669' w/ float shoe & insert baffle @ 638' - hang 1' off btm @ 664'
10:00	11:00	1.00	5.00	15	Run Casing	R/D GRACO csg crew - R/U Superior Well to cement surface csg
11:00	13:00	2.00	7.00	16	Cementing	Pump 85 bbls water - o circ - mix & pump 136sx Lead @ 11.8# and 125sx Tail @ 15.6# - circulate water & cement to surface - drop wooden plug - did not leave head - S/D - release plug - pump 13 bbls displacement - press to 500# - S/D - pump 2 bbls w/press to 1000# - no circ - S/D - press bled off csg. WOC.
13:00	19:30	6.50	13.50	19	Wait On Cement	WOC - R/D & release cementers - service rig - perform various repairs & rigging ops - transfer drlg mud from frac tanks to working pits & circ to clean up.
19:30	21:30	2.00	15.50	21	Nipple Up /Nipple Down BOP Stack	Cut cond csg off & L/D. Cut surface csg - unable to tag cement in annulus - S/D N/u - call for cement & 1" pipe to cement annulus
21:30	04:00	6.50	22.00	00	Undefined Status	W/O cement trucks for 1" job
04:00	05:30	1.50	23.50	16	Cementing	R/U Halliburton - run 1" pipe to 65' - mix & pump sx of Neat cement @ - circulate cement to surface - S/D - did not fall - pump remainder of cement from tub - fill cellar - pull 1" - wash up & R/D cementers - center 9 5/8" surface csg - start WOC
05:30	06:00	0.50	24.00	19	Wait On Cement	WOC

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA RO...
Nozzles (/32")		String Length (ft)		OD (in)	
String Components					
Comment					

Wellbore	Start (ftKB)	End (ftKB)	Cum Depth (ft)	Cum Drill Time (hrs)	Int ROP (ft/hr)	Q (flow) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	Drill Tq

## Kicks

Kick Date	Kick Depth (ftKB)	Kick Vol (bbl)	Kill Notes	Ops In Prog

## Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment

## Formations

Formation Name	Form Code	Drill Top MD (ftKB)	Drill Btm MD (ftKB)	Drill Source	Comment

AFE Number USA08005	Total AFE Amount
Daily Cost Total 79,040.00	Cum Cost To Date 314,165.00
Daily Mud Cost 1,829.84	Mud Cum To Date 1,829.84
Depth Start (ftKB) 665.0	Depth End (ftKB) 665.0
Target Formation Lower Fayetteville Shale	Target Depth (ftKB) 4,604.0

Last Casing String  
Surface, 665.0ftKB

## Daily Contacts

Job Contact	Mobile
Thomas Majors	337-408-3014

## Union Drilling Inc, 032

Contractor Union Drilling Inc	Rig Number 032
Rig Supervisor Thomas Majors	Phone Mobile 337-408-3014

## 1, Continental-Emsco, F-800

Pump Number 1	Pwr (hp) 800.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.097
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## 2, Continental-Emsco, F-1000

Pump Number 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/2	Stroke (in) 10.00	Vol/Stk OR (b... 0.102
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## Wellbores

Wellbore Name Original Hole	Kick Off Depth (ftKB)
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# Storm Cat Energy Daily Drilling Report

Report for: 7/16/2008  
Report #: 5.0, DFS: 3.25  
Depth Progress: 0.00

Well Name: Kamalmaz 2-13H

API/UWI 03-141-10363	Surface Legal Location SH: 2544' FNL & 331' FEL BH: 412' FNL & 2711' FEL	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 7/14/2008	Completion Date	Ground Elevation (ft) 1,635.00	KB-Ground Distance (ft) 15.00	
Weather Warm-Humid	Temperature (°F) 90.0	Road Condition Good	Hole Condition Good	
Operations at Report Time TIH w/ 8" hammer to drill cement		Operations Next Report Period Log well for KOP		
Operations Summary WOC - weld well head - N/U BOP - test BOP & pump lines - P/U 8" hammer				

## Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	11:30	5.50	5.50	19	Wait On Cement	WOC from 1" top job.
11:30	14:00	2.50	8.00	21	Nipple Up /Nipple Down BOP Stack	Weld on 11" x 9 5/8" - 3000# wellhead.
14:00	17:30	3.50	11.50	21	Nipple Up /Nipple Down BOP Stack	Set BOP - torque - prepare to test.
17:30	01:00	7.50	19.00	22	Test BOP	Test BOP w/ Greene's. Blinds/Pipe rams 250/3000. Annular 250/1500. Choke manifold 250/3000. HCR & valves 250/3000. Csg 250/400. Kelly & floor valves 250/3000. ALL OK. Test stand pipe & pump lines - did not pass. Change 4" valve & 3 hammer unions on pump line - need to retest w/ rig pump before drlg @ KOP.
01:00	04:00	3.00	22.00	00	Undefined Status	Swap lines from mud to air drlg.
04:00	06:00	2.00	24.00	08	Tripping In	P/U 8" IR TD-85 hammer & RR 8 7/8" hammer bit. Make-up stand 8" DC.

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA RO...
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Nozzles (/32")	String Length (ft)	OD (in)
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String Components
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Comment
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Wellbore	Start (ftKB)	End (ftKB)	Cum Depth (ft)	Cum Drill Time (hrs)	Int ROP (ft/hr)	Q (flow) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	Drill Tq

## Kicks

Kick Date	Kick Depth (ftKB)	Kick Vol (bbl)	Kill Notes	Ops In Prog

## Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment

## Formations

Formation Name	Form Code	Drill Top MD (ftKB)	Drill Btm MD (ftKB)	Drill Source	Comment

AFE Number USA08005	Total AFE Amount
Daily Cost Total 35,525.00	Cum Cost To Date 350,090.00
Daily Mud Cost 1,159.96	Mud Cum To Date 2,989.80
Depth Start (ftKB) 665.0	Depth End (ftKB) 665.0
Target Formation Lower Fayetteville Shale	Target Depth (ftKB) 4,604.0
Last Casing String Surface, 665.0ftKB	

## Daily Contacts

Job Contact	Mobile
Thomas Majors	337-408-3014

## Union Drilling Inc, 032

Contractor Union Drilling Inc	Rig Number 032
Rig Supervisor Thomas Majors	Phone Mobile 337-408-3014

## 1, Continental-Emsco, F-800

Pump Number 1	Pwr (hp) 800.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.097
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## 2, Continental-Emsco, F-1000

Pump Number 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/2	Stroke (in) 10.00	Vol/Stk OR (b... 0.102
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## Wellbores

Wellbore Name Original Hole	Kick Off Depth (ftKB)
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# Storm Cat Energy Daily Drilling Report

Report for: 7/17/2008  
Report #: 6.0, DFS: 4.25  
Depth Progress: 129.00

Well Name: Kamalmaz 2-13H

API/UWI 03-141-10363	Surface Legal Location SH: 2544' FNL & 331' FEL BH: 412' FNL & 2711' FEL	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 7/14/2008	Completion Date	Ground Elevation (ft) 1,635.00	KB-Ground Distance (ft) 15.00	
Weather Hot-humid	Temperature (°F) 92.0	Road Condition Good	Hole Condition Good	
Operations at Report Time Repair air compressor @ 794'			Operations Next Report Period Drill curve	

## Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	08:00	2.00	2.00	08	Tripping In	TIH w/ 2 stands DC's - tag cement @ 200' - install new rotating rubber - start air & unload water from hole
08:00	11:00	3.00	5.00	11	Rig Repair	Unable to start air booster - W/O mechanic
11:00	11:30	0.50	5.50	10	Lubricate Rig	Lube rig complete & check all fluid levels
11:30	12:30	1.00	6.50	11	Rig Repair	Mechanic o loc - start booster
12:30	20:30	8.00	14.50	20	Drill Cement and/or Float Equipment	Drill cement from surface csg - cement was firm to hard
20:30	23:30	3.00	17.50	02	Drilling	Drill formation from 665.0 to 794.0
23:30	06:00	6.50	24.00	11	Rig Repair	Air compressor went down - work on compressor - unable to start - W/O mechanic - mechanic on loc - unable to start - call for new compressor - W/O air compressor

## BHA #2, Kick Off

Bit Run Drill Bit 2	8 7/8in, ReRun, 70211030-04	Length (ft) 0.60	IADC Bit Dull -----	TFA (incl Noz) (in²)	BHA RO... 43.0
Nozzles (/32")		String Length (ft) 780.33		OD (in) 8.000	

## String Components

Ing Rand ReRun, Ing Rand TD-85 Air Hammer, Bit Sub, Drill Collar, XO Sub, HWDP

## Comment

Drill from surface to KOP @ 997'TVD w/hammer bit

Wellbore	Start (ftKB)	End (ftKB)	Cum Depth (ft)	Cum Drill Time (hrs)	Int ROP (ft/hr)	Q (flow) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	Drill Tq
Original Hole	665.0	794.0	129.00	3.00	43.0		4	25	300.0			

## Kicks

Kick Date	Kick Depth (ftKB)	Kick Vol (bbl)	Kill Notes	Ops In Prog

## Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment

## Formations

Formation Name	Form Code	Drill Top MD (ftKB)	Drill Btm MD (ftKB)	Drill Source	Comment

AFE Number USA08005	Total AFE Amount
Daily Cost Total 29,575.00	Cum Cost To Date 379,665.00
Daily Mud Cost 1,132.46	Mud Cum To Date 4,122.26
Depth Start (ftKB) 665.0	Depth End (ftKB) 794.0
Target Formation Lower Fayetteville Shale	Target Depth (ftKB) 4,604.0

Last Casing String  
Surface, 665.0ftKB

## Daily Contacts

Job Contact	Mobile
Thomas Majors	337-408-3014

## Union Drilling Inc, 032

Contractor Union Drilling Inc	Rig Number 032
Rig Supervisor Thomas Majors	Phone Mobile 337-408-3014

## 1, Continental-Emsco, F-800

Pump Number 1	Pwr (hp) 800.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.097
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## 2, Continental-Emsco, F-1000

Pump Number 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/2	Stroke (in) 10.00	Vol/Stk OR (b... 0.102
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## Wellbores

Wellbore Name Original Hole	Kick Off Depth (ftKB)
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# Storm Cat Energy Daily Drilling Report

Report for: 7/18/2008  
Report #: 7.0, DFS: 5.25  
Depth Progress: 203.00

Well Name: Kamalmaz 2-13H

API/UWI 03-141-10363	Surface Legal Location SH: 2544' FNL & 331' FEL BH: 412' FNL & 2711' FEL	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 7/14/2008	Completion Date	Ground Elevation (ft) 1,635.00	KB-Ground Distance (ft) 15.00	
Weather Hot - humid	Temperature (°F) 92.0	Road Condition Good	Hole Condition Good	
Operations at Report Time LDDP @ KOP of 997.0'		Operations Next Report Period Drill Curve		
Operations Summary W/O replacement compressor - hook up compressor - drill to log point of 997'. TOO H - L/D hammer - TIH w/ bit - displace hole w/ mud - TOO H - Run OHL - LDDP				

## Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	12:30	6.50	6.50	11	Rig Repair	W/O replacement air compressor - pull bad compressor out - set replacement compressor & plumb in - start & check for operations
12:30	13:00	0.50	7.00	08	Tripping In	TIH w/ 4 std from derrick to resume drlg
13:00	16:00	3.00	10.00	02	Drilling	Drill 8 7/8" w/hammer and air/foam/mist. Drill to log point of 997.0'. Blow hole clean.
16:00	16:30	0.50	10.50	13	Deviation Survey	Wireline survey @ log point. 1 degree @ 960'.
16:30	18:00	1.50	12.00	09	Tripping Out	L/D 1 jt. TOO H. Break off & L/D hammer tools.
18:00	20:00	2.00	14.00	08	Tripping In	P/U RR mill tooth bit. TIH to 997'.
20:00	20:30	0.50	14.50	00	Undefined Status	Unhook air lines - hook up mud lines
20:30	21:00	0.50	15.00	07	Condition and/or Circulate mud	Pump drlg mud to displace & fill well bore. Pumped 68 bbls - displace soapy/water from well.
21:00	22:30	1.50	16.50	09	Tripping Out	TOOH w/ DP for OH logs. Filled hole on trip out
22:30	02:00	3.50	20.00	14	Wireline Logs	R/U Halliburton Wireline. Run Triple Combo & Dipmeter. Log TD @ 997'.
02:00	02:30	0.50	20.50	14	Wireline Logs	R/D loggers.
02:30	04:30	2.00	22.50	08	Tripping In	RIH w/ 13 stands DP & DC's from derrick.
04:30	06:00	1.50	24.00	09	Tripping Out	R/U lay down line. Start TOO H & L/D DP & DC's.

## BHA #2, Kick Off

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA RO...
2	8 7/8in, ReRun, 70211030-04	0.60	-----		55.3
Nozzles (/32")			String Length (ft)	OD (in)	
			964.83	8.000	
String Components					
Ing Rand ReRun, Ing Rand TD-85 Air Hammer, Bit Sub, Drill Collar, XO Sub, HWDP					

## Comment

Drill from surface to KOP @ 997'TVD w/hammer bit

Wellbore	Start (ftKB)	End (ftKB)	Cum Depth (ft)	Cum Drill Time (hrs)	Int ROP (ft/hr)	Q (flow) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	Drill Tq
Original Hole	794.0	997.0	332.00	6.00	67.7		4	25	300.0			

## Kicks

Kick Date	Kick Depth (ftKB)	Kick Vol (bbl)	Kill Notes	Ops In Prog

## Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment
7/19/...	Dipmeter - Six arm - Shiva Comp.	100.0	987.0	Halliburton	2	Logged for formation dips for horizontal drlg plan.
7/19/...	Triple Combo	100.0	987.0	Halliburton	1	Logged for KOP

## Formations

Formation Name	Form Code	Drill Top MD (ftKB)	Drill Btm MD (ftKB)	Drill Source	Comment

AFE Number USA08005	Total AFE Amount
Daily Cost Total 53,300.00	Cum Cost To Date 432,965.00
Daily Mud Cost 1,569.88	Mud Cum To Date 5,692.14
Depth Start (ftKB) 794.0	Depth End (ftKB) 997.0
Target Formation Lower Fayetteville Shale	Target Depth (ftKB) 4,604.0
Last Casing String Surface, 665.0ftKB	

## Daily Contacts

Job Contact	Mobile
Thomas Majors	337-408-3014
<b>Union Drilling Inc, 032</b>	
Contractor Union Drilling Inc	Rig Number 032
Rig Supervisor Thomas Majors	Phone Mobile 337-408-3014

## 1, Continental-Emsco, F-800

Pump Number 1	Pwr (hp) 800.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.097
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## 2, Continental-Emsco, F-1000

Pump Number 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/2	Stroke (in) 10.00	Vol/Stk OR (b... 0.102
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## Wellbores

Wellbore Name Original Hole	Kick Off Depth (ftKB)
Wellbore Name Curve	Kick Off Depth (ftKB) 997.0





# Storm Cat Energy Daily Drilling Report

Report for: 7/19/2008  
Report #: 8.0, DFS: 6.25  
Depth Progress: 21.00

Well Name: Kamalmaz 2-13H

API/UWI 03-141-10363	Surface Legal Location SH: 2544' FNL & 331' FEL BH: 412' FNL & 2711' FEL	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 7/14/2008	Completion Date	Ground Elevation (ft) 1,635.00	KB-Ground Distance (ft) 15.00	
Weather Hot-humid	Temperature (°F) 95.0	Road Condition Good	Hole Condition Good	
Operations at Report Time Circulating - mix mud - W/O mechanic for Pump # 2		Operations Next Report Period drill curve		
Operations Summary L/D HwtDP - P/U Schlumberger tools - TIH - start drlg curve to 1018' - P/U & mix mud				

## Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	11:00	5.00	5.00	09	Tripping Out	TOOH - L/D HwtDP. RIH w/ 7 stands - L/D HwtDP & 4 DC's
11:00	11:30	0.50	5.50	10	Lubricate Rig	Daily rig service
11:30	15:30	4.00	9.50	08	Tripping In	M/U STC 8 3/4 FH-30 bit - P/U & M/U Schlumberger motor (1.83) and directional tools - install MWD
15:30	17:00	1.50	11.00	09	Tripping Out	POOH w/ Schlumberger tools and stand back - driller forgot to install wear bushing - install wear bushing
17:00	18:00	1.00	12.00	08	Tripping In	P/U Schlumberger tools & TIH - change slip dies
18:00	21:30	3.50	15.50	8	Tripping In	P/U HwtDP & TIH
21:30	23:30	2.00	17.50	00	Undefined Status	Work on flowline to convert from air to fluid - install blind flange
23:30	01:30	2.00	19.50	25	Directional Work	Test Schlumberger tools - wake up MWD tools
01:30	02:00	0.50	20.00	08	Tripping In	P/U 4 jts HwtDP - TIH
02:00	02:30	0.50	20.50	25	Directional Work	Test Schlumberger tools
02:30	04:30	2.00	22.50	08	Tripping In	P/U HwtDP - TIH to KOP @ 997' - tag @ 1000' measured depth w/ tools
04:30	05:00	0.50	23.00	02	Drilling	Drill - set tools to kick off curve - drill 997.0 to 1018.0 (pump # 2 down - unable to mix mud & drill ahead - P/U off btm - to repair pumps
05:00	06:00	1.00	24.00	11	Rig Repair	Stop drlg - pump # 2 down - W/O mechanic - centrifical mix pump down - unable to drill ahead while mixing mud w/pump # 1

## BHA #3, Curve

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA RO...
3	8 3/4in, FH30, PK4838	1.00	-----	0.59	42.0
Nozzles (/32")		String Length (ft)		OD (in)	
16/16/16		957.71		6.750	
String Components					
Smith FH30, M-7/8_3.0Hemi(motor) 1.83, IBS 8.25, XO Sub (Dbl Pin), Gap Collar, NMDC (MWD), NMFC, NMFC, HWDP					
Comment					
KOP & drill top of curve thru L. Basal Hale					

Wellbore	Start (ftKB)	End (ftKB)	Cum Depth (ft)	Cum Drill Time (hrs)	Int ROP (ft/hr)	Q (flow) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	Drill Tq
Curve	997.0	1,018.0	21.00	0.50	42.0	385			1,020.0			

## Kicks

Kick Date	Kick Depth (ftKB)	Kick Vol (bbl)	Kill Notes	Ops In Prog

## Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment
7/19/...	Dipmeter - Six arm - Shiva Comp.	100.0	987.0	Halliburton	2	Logged for formation dips for hoizontal drlg plan.
7/19/...	Triple Combo	100.0	987.0	Halliburton	1	Logged for KOP

## Formations

Formation Name	Form Code	Drill Top MD (ftKB)	Drill Btm MD (ftKB)	Drill Source	Comment

AFE Number USA08005	Total AFE Amount
Daily Cost Total 57,405.00	Cum Cost To Date 490,370.00
Daily Mud Cost 1,132.46	Mud Cum To Date 6,824.60
Depth Start (ftKB) 997.0	Depth End (ftKB) 1,018.0
Target Formation Lower Fayetteville Shale	Target Depth (ftKB) 4,604.0
Last Casing String Surface, 665.0ftKB	

## Daily Contacts

Job Contact	Mobile
Thomas Majors	337-408-3014

## Union Drilling Inc, 032

Contractor Union Drilling Inc	Rig Number 032
Rig Supervisor Thomas Majors	Phone Mobile 337-408-3014

## 1, Continental-Emsco, F-800

Pump Number 1	Pwr (hp) 800.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.097
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## 2, Continental-Emsco, F-1000

Pump Number 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/2	Stroke (in) 10.00	Vol/Stk OR (b... 0.102
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## Wellbores

Wellbore Name Original Hole	Kick Off Depth (ftKB)
Wellbore Name Curve	Kick Off Depth (ftKB) 997.0



# Storm Cat Energy Daily Drilling Report

Report for: 7/20/2008  
Report #: 9.0, DFS: 7.25  
Depth Progress: 254.00

Well Name: Kamalmaz 2-13H

API/UWI 03-141-10363	Surface Legal Location SH: 2544' FNL & 331' FEL BH: 412' FNL & 2711' FEL	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 7/14/2008	Completion Date	Ground Elevation (ft) 1,635.00	KB-Ground Distance (ft) 15.00	
Weather Hot - humid	Temperature (°F) 93.0	Road Condition Good	Hole Condition Good	
Operations at Report Time TOOH & LDDP @ bit chnage		Operations Next Report Period Drill Curve		
Operations Summary Repair # 2 pump & mud mix centrifugal pump - drill slide/rotate in curve to 1271.0 - circ - TOOH for bit change				

## Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	12:00	6.00	6.00	11	Rig Repair	Repair # 2 mud pump & centrifugal mud mixing pump.
12:00	18:00	6.00	12.00	02	Drilling	Drill curve slide to establish curve to 1088.0'
18:00	03:00	9.00	21.00	2	Drilling	Drill curve w/ Schlumberger 1.83 motors slide 22' & rotate 8' to 10 - drill thru L.Basal hale form into Morrow Shale
03:00	04:00	1.00	22.00	07	Condition and/or Circulate mud	Circulate to clean hole for trip - pump slug for dry pipe - pulled wet - driller over pumped slug - circulate & even out hole - TOOH for bit change
04:00	06:00	2.00	24.00	09	Tripping Out	TOOH for bi change after drlg L. Basal Hale - L/D 20 jts HwtDP for space out of drill string

## BHA #3, Curve

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA RO...
3	8 3/4in, FH30, PK4838	1.00	-----	0.59	17.7

Nozzles (/32")	String Length (ft)	OD (in)
16/16/16	1,234.52	6.750

## String Components

Smith FH30, M-7/8\_3.0Hemi(motor) 1.83, IBS 8.25, XO Sub (Dbl Pin), Gap Collar, NMDC (MWD), NMFC, NMFC, HWD

## Comment

KOP & drill top of curve thru L. Basal Hale

Wellbore	Start (ftKB)	End (ftKB)	Cum Depth (ft)	Cum Drill Time (hrs)	Int ROP (ft/hr)	Q (flow) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	Drill Tq
Curve	1,018.0	1,272.0	275.00	15.50	16.9	385	30	35	1,320.0		70	

## Kicks

Kick Date	Kick Depth (ftKB)	Kick Vol (bbl)	Kill Notes	Ops In Prog

## Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment
7/19/...	Dipmeter - Six arm - Shiva Comp.	100.0	987.0	Halliburton	2	Logged for formation dips for hoizontal drlg plan.
7/19/...	Triple Combo	100.0	987.0	Halliburton	1	Logged for KOP

## Formations

Formation Name	Form Code	Drill Top MD (ftKB)	Drill Btm MD (ftKB)	Drill Source	Comment

AFE Number USA08005	Total AFE Amount
Daily Cost Total 40,555.00	Cum Cost To Date 530,925.00
Daily Mud Cost 5,609.43	Mud Cum To Date 12,434.03
Depth Start (ftKB) 1,018.0	Depth End (ftKB) 1,272.0
Target Formation Lower Fayetteville Shale	Target Depth (ftKB) 4,604.0
Last Casing String Surface, 665.0ftKB	

## Daily Contacts

Job Contact	Mobile
Thomas Majors	337-408-3014

## Union Drilling Inc, 032

Contractor Union Drilling Inc	Rig Number 032
Rig Supervisor Thomas Majors	Phone Mobile 337-408-3014

## 1, Continental-Emsco, F-800

Pump Number 1	Pwr (hp) 800.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.097
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## 2, Continental-Emsco, F-1000

Pump Number 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/2	Stroke (in) 10.00	Vol/Stk OR (b... 0.102
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## Wellbores

Wellbore Name Original Hole	Kick Off Depth (ftKB)
Wellbore Name Curve	Kick Off Depth (ftKB) 997.0





# Storm Cat Energy Daily Drilling Report

Report for: 7/21/2008  
Report #: 10.0, DFS: 8.25  
Depth Progress: 476.00

Well Name: Kamalmaz 2-13H

API/UWI 03-141-10363	Surface Legal Location SH: 2544' FNL & 331' FEL BH: 412' FNL & 2711' FEL	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 7/14/2008	Completion Date	Ground Elevation (ft) 1,635.00	KB-Ground Distance (ft) 15.00	
Weather	Temperature (°F)	Road Condition Good	Hole Condition Good	

Operations at Report Time  
Drill slide/rotate in curve @ 1748.0'  
Operations Summary  
L/D HwtDP - P/U DP - TIH - circ - drill slide/rotate in curve - rig repair - drill slide/rotate - circulate @ 1748'

## Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	08:30	2.50	2.50	09	Tripping Out	TOOH - L/D HwtDP - swap out MWD tools
08:30	12:00	3.50	6.00	08	Tripping In	P/U 20 jts push pipe - TIH w/ tools
12:00	12:30	0.50	6.50	07	Condition and/or Circulate mud	Wash last jt to btm
12:30	18:00	5.50	12.00	02	Drilling	Drill slide/rotate in curve 1272' to 1443'
18:00	20:00	2.00	14.00	11	Rig Repair	Repair hydraulic hose at control panel
20:00	03:30	7.50	21.50	02	Drilling	Drill slide/rotate in curve 1443' to 1748' - pulling tite on connection
03:30	06:00	2.50	24.00	07	Condition and/or Circulate mud	Circulate hole to clean - rotate and increase pump - good cuttings at shakers

## BHA #4, Curve

Bit Run 4	Drill Bit 8 3/4in, FH20, PK4098	Length (ft) 1.00	IADC Bit Dull -----	TFA (incl Noz) (in²) 0.59	BHA RO... 36.6
Nozzles (/32") 16/16/16		String Length (ft) 2,816.23		OD (in) 6.750	

String Components  
Smith FH20, HWDP, M-7/8\_3.0Hemi(motor) 1.83, IBS 8.25, XO Sub (Dbl Pin), Gap Collar, NMDC (MWD), NMFC, NMFC, Drill Pipe, HWDP

Comment  
Drill from top of Morrow Shale thru curve

Wellbore	Start (ftKB)	End (ftKB)	Cum Depth (ft)	Cum Drill Time (hrs)	Int ROP (ft/hr)	Q (flow) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	Drill Tq
Curve	1,272.0	1,748.0	476.00	13.00	36.6	387	30	30	1,300.0		70	

## Kicks

Kick Date	Kick Depth (ftKB)	Kick Vol (bbl)	Kill Notes	Ops In Prog

## Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment
7/19/...	Dipmeter - Six arm - Shiva Comp.	100.0	987.0	Halliburton	2	Logged for formation dips for horizontal drlg plan.
7/19/...	Triple Combo	100.0	987.0	Halliburton	1	Logged for KOP

## Formations

Formation Name	Form Code	Drill Top MD (ftKB)	Drill Btm MD (ftKB)	Drill Source	Comment

AFE Number USA08005	Total AFE Amount
Daily Cost Total 68,815.00	Cum Cost To Date 599,740.00
Daily Mud Cost 5,253.57	Mud Cum To Date 17,687.60
Depth Start (ftKB) 1,272.0	Depth End (ftKB) 1,748.0
Target Formation Lower Fayetteville Shale	Target Depth (ftKB) 4,604.0

Last Casing String  
Surface, 665.0ftKB

## Daily Contacts

Job Contact	Mobile
Thomas Majors	337-408-3014

## Union Drilling Inc, 032

Contractor Union Drilling Inc	Rig Number 032
Rig Supervisor Thomas Majors	Phone Mobile 337-408-3014

## 1, Continental-Emsco, F-800

Pump Number 1	Pwr (hp) 800.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.097
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## 2, Continental-Emsco, F-1000

Pump Number 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/2	Stroke (in) 10.00	Vol/Stk OR (b... 0.102
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## Wellbores

Wellbore Name Original Hole	Kick Off Depth (ftKB)
Wellbore Name Curve	Kick Off Depth (ftKB) 997.0



# Storm Cat Energy Daily Drilling Report

Report for: 7/22/2008  
Report #: 11.0, DFS: 9.25  
Depth Progress: 392.00

Well Name: Kamalmaz 2-13H

API/UWI 03-141-10363	Surface Legal Location SH: 2544' FNL & 331' FEL BH: 412' FNL & 2711' FEL	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 7/14/2008	Completion Date	Ground Elevation (ft) 1,635.00	KB-Ground Distance (ft) 15.00	
Weather Hot	Temperature (°F) 93.0	Road Condition Good	Hole Condition Good	
Operations at Report Time RIH w/ reamer assembly to dress curve			Operations Next Report Period Ream Curve	
Operations Summary Drill curve to 2140' - land - circulate - TOO H & L/D Schlumberger tools - start P/U of reamer assy				

## Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	17:00	11.00	11.00	02	Drilling	Drill slide/rotate from 1748' to 2140' end of landing. Slid ave 25' - rotate 5' to maintain curve.
17:00	19:30	2.50	13.50	07	Condition and/or Circulate mud	Circulate to clean hole @ end of landing (2140')
19:30	02:00	6.50	20.00	09	Tripping Out	TOOH w/ DP - L/D ALL DP as derrick hand would not work board
02:00	04:00	2.00	22.00	09	Tripping Out	Break out & lay down Schlumberger motor & curve tools
04:00	06:00	2.00	24.00	08	Tripping In	P/U RR bit, bit sub, 1 jt HwtDP, & reamer assy (torque ALL conn's of reamers & short DC's)

## BHA #4, Curve

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA RO...
4	8 3/4in, FH20, PK4098	1.00	-----	0.59	36.2
Nozzles (/32")		String Length (ft)	OD (in)		
16/16/16		2,141.00	6.750		
String Components					
Smith FH20, M-7/8_3.0Hemi(motor) 1.83 (.28/gal rev), IBS 8.25, XO Sub (Dbl Pin), Gap Collar, NMDC (MWD), NMFC, NMFC, Drill Pipe, HWDP					
Comment					
Drill from top of Morrow Shale thru curve					

Wellbore	Start (ftKB)	End (ftKB)	Cum Depth (ft)	Cum Drill Time (hrs)	Int ROP (ft/hr)	Q (flow) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	Drill Tq
Curve	1,748.0	2,140.0	868.00	24.00	35.6	450	35	30	1,800.0		85	

## Kicks

Kick Date	Kick Depth (ftKB)	Kick Vol (bbl)	Kill Notes	Ops In Prog

## Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment
7/19/...	Dipmeter - Six arm - Shiva Comp.	100.0	987.0	Halliburton	2	Logged for formation dips for horizontal drlg plan.
7/19/...	Triple Combo	100.0	987.0	Halliburton	1	Logged for KOP

## Formations

Formation Name	Form Code	Drill Top MD (ftKB)	Drill Btm MD (ftKB)	Drill Source	Comment

AFE Number USA08005	Total AFE Amount
Daily Cost Total 41,955.00	Cum Cost To Date 641,695.00
Daily Mud Cost 6,159.54	Mud Cum To Date 23,847.14
Depth Start (ftKB) 1,748.0	Depth End (ftKB) 2,140.0
Target Formation Lower Fayetteville Shale	Target Depth (ftKB) 4,604.0
Last Casing String Surface, 665.0ftKB	

## Daily Contacts

Job Contact	Mobile
Thomas Majors	337-408-3014

## Union Drilling Inc, 032

Contractor Union Drilling Inc	Rig Number 032
Rig Supervisor Thomas Majors	Phone Mobile 337-408-3014

## 1, Continental-Emsco, F-800

Pump Number 1	Pwr (hp) 800.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.097
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## 2, Continental-Emsco, F-1000

Pump Number 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/2	Stroke (in) 10.00	Vol/Stk OR (b... 0.102
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## Wellbores

Wellbore Name Original Hole	Kick Off Depth (ftKB)
Wellbore Name Curve	Kick Off Depth (ftKB) 997.0



# Storm Cat Energy Daily Drilling Report

Report for: 7/23/2008  
Report #: 12.0, DFS: 10.25  
Depth Progress: 0.00

Well Name: Kamalmaz 2-13H

API/UWI 03-141-10363	Surface Legal Location SH: 2544' FNL & 331' FEL BH: 412' FNL & 2711' FEL	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 7/14/2008	Completion Date	Ground Elevation (ft) 1,635.00	KB-Ground Distance (ft) 15.00	
Weather Hot	Temperature (°F) 90.0	Road Condition Good	Hole Condition Good	
Operations at Report Time Reaming curve @ 1820'			Operations Next Report Period Drill lateral section	
Operations Summary TIH w/ reamer assy - ream curve from 991' to 1820'				

## Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	08:30	2.50	2.50	08	Tripping In	Tally & P/U DP & HwtDP - RIH w/ reamer assy to 991' - kelly up
08:30	18:00	9.50	12.00	04	Reaming	Ream curve thru L. Basal Hale from top of curve @ 991' to 1360' (30 min/kelly) - tite thru 1100'
18:00	06:00	12.00	24.00	4	Reaming	Ream from 1360' to 1820' - hole sticky & tite in interval 1500 to 1700'

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA RO...
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Nozzles (/32")	String Length (ft)	OD (in)
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String Components

Comment

Wellbore	Start (ftKB)	End (ftKB)	Cum Depth (ft)	Cum Drill Time (hrs)	Int ROP (ft/hr)	Q (flow) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	Drill Tq

## Kicks

Kick Date	Kick Depth (ftKB)	Kick Vol (bbl)	Kill Notes	Ops In Prog

## Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment
7/19/...	Dipmeter - Six arm - Shiva Comp.	100.0	987.0	Halliburton	2	Logged for formation dips for horizontal drlg plan.
7/19/...	Triple Combo	100.0	987.0	Halliburton	1	Logged for KOP

## Formations

Formation Name	Form Code	Drill Top MD (ftKB)	Drill Btm MD (ftKB)	Drill Source	Comment

AFE Number USA08005	Total AFE Amount
Daily Cost Total 40,125.00	Cum Cost To Date 681,820.00
Daily Mud Cost 4,197.14	Mud Cum To Date 28,044.28
Depth Start (ftKB) 2,140.0	Depth End (ftKB) 2,140.0
Target Formation Lower Fayetteville Shale	Target Depth (ftKB) 4,604.0
Last Casing String Surface, 665.0ftKB	

## Daily Contacts

Job Contact	Mobile
Thomas Majors	337-408-3014

## Union Drilling Inc, 032

Contractor Union Drilling Inc	Rig Number 032
Rig Supervisor Thomas Majors	Phone Mobile 337-408-3014

## 1, Continental-Emsco, F-800

Pump Number 1	Pwr (hp) 800.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.097
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## 2, Continental-Emsco, F-1000

Pump Number 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/2	Stroke (in) 10.00	Vol/Stk OR (b... 0.102
Pres (psi)	Slow Spd No	Strokes (s... Eff (%)

## Wellbores

Wellbore Name Original Hole	Kick Off Depth (ftKB)
Wellbore Name Curve	Kick Off Depth (ftKB) 997.0



# Storm Cat Energy Daily Drilling Report

Report for: 7/12/2008  
Report #: 1.0, DFS: -0.75  
Depth Progress:

Well Name: Kamalmaz 2-13H

API/UWI 03-141-10363	Surface Legal Location SH: 2544' FNL & 331' FEL BH: 412' FNL & 2711' FEL	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 7/14/2008	Completion Date	Ground Elevation (ft) 1,635.00	KB-Ground Distance (ft) 15.00	
Weather Hot	Temperature (°F) 95.0	Road Condition Good	Hole Condition	
Operations at Report Time MI/RU UDI # 32		Operations Next Report Period R/U		
Operations Summary MI/RU				

## Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	06:00	24.00	24.00	01	Rig Up & Tear Down	R/U - raise derrick - hook up air compressors - sort DP - plumb mud tanks

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA RO...
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Nozzles (/32")	String Length (ft)	OD (in)
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String Components

Comment

Wellbore	Start (ftKB)	End (ftKB)	Cum Depth (ft)	Cum Drill Time (hrs)	Int ROP (ft/hr)	Q (flow) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	Drill Tq

## Kicks

Kick Date	Kick Depth (ftKB)	Kick Vol (bbl)	Kill Notes	Ops In Prog

## Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment

## Formations

Formation Name	Form Code	Drill Top MD (ftKB)	Drill Btm MD (ftKB)	Drill Source	Comment

AFE Number USA08005	Total AFE Amount
Daily Cost Total	Cum Cost To Date
Daily Mud Cost	Mud Cum To Date
Depth Start (ftKB)	Depth End (ftKB)
Target Formation Lower Fayetteville Shale	Target Depth (ftKB) 4,604.0
Last Casing String Conductor, 53.0ftKB	

## Daily Contacts

Job Contact	Mobile

## Union Drilling Inc, 032

Contractor Union Drilling Inc	Rig Number 032
Rig Supervisor Thomas Majors	Phone Mobile 337-408-3014

## 1, Continental-Emsco, F-800

Pump Number 1	Pwr (hp) 800.0	Rod Dia (in)
Liner Size (in)	Stroke (in) 9.02	Vol/Stk OR (b...)
Pres (psi)	Slow Spd No	Strokes (s...) Eff (%)

## 2, Continental-Emsco, F-1000

Pump Number 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in)	Stroke (in) 10.00	Vol/Stk OR (b...)
Pres (psi)	Slow Spd No	Strokes (s...) Eff (%)

## Wellbores

Wellbore Name Original Hole	Kick Off Depth (ftKB)
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