

## Big Dog Drilling

**SUPT. TAKING REPORT**      **Steven Richardson**

[illegible]

## Page 2

Date: 7/6/12

07-06-12;07:33AM;



## DRILLING REPORT

RIG # 11

**SUPT. TAKING REPORT** Steven Richardson



WELL NAME			UNIVERSITY 26/20 #1			OPERATOR			ENDEAVOR ENERGY					
Depth @ 10:00 pm	0	Prop TD	14,000'	County	LOVING	State	TX	Rig #	11		Date		7/7/12	
TVD	0	KB	26'	Company Supervisor	STEVE EVANS			Rig Photo	432-631-3146		Spud Date			
Footage	0	Fl per hr	0	Phone	432-288-6690			Toolpusher	Joseph Vaquez		Report #		2	
Lithology							Cell Phone	432-634-4360		Days from Spud		0		
							Rig Supt.	Steven Richardson		AFE #				
PRESENT OPERATION							Cell Phone	432-967-8995		Working Interest				
RIG IDLE. WAIT ON DAYLIGHT & TRUCKS														
MUD REPORT														
MUD COMPANY:				NEWARK DRILLING				MUD ENGINEER:						
Type	Mud Weight	ECD	Vis.	Plastic Viscosity	Yield Point	Gel-Initial	Gel-10 min	Cake	Water Loss	Solids	% Oil	% Water	Mud Losses	
PH	Pm	Pf	Mf	CL	CA	LCM	Washout (%vol)	Hole Vol	Pit Vol	Stored Volume	Min to Bit	Blms Up	Full Circ	
DRILL PIPE AND DRILL COLLARS (Top to bottom)														
Number of Joints	Length	Size OD	Size ID	WT.	Conn.	Grade	Annular Velocity	Date Set	Size	Top (MD)	Bottom (TVD)	WL	Grade	Top of Cement
		3 1/2	2 3/4	16.60	3 1/2 IF	S-135								
		3 1/2	2 3/4	15.50	3 1/2 IF	X-95								
		3 1/2	2 3/4	15.50	3 1/2 IF	G-105								
		4 3/4	2 1/2	46.1	3 1/2 IF	DC								
BOTTOM HOLE ASSEMBLY														
BHA #	Length	Weight	Description											
BIT INFORMATION														
Bit #	In @	Out @	Size	Mfg	Type	Serial #	Jets	RPM Rotary	RPM Motor	WOB	Feet	Hours	FuHr	Bit H
BIT GRADING	Bit #	Depth Out	Inner	Outer	Dull Characteristics		Location	Bearings/Seals		Gauge	Other Dull Characteristics		Reason Pulled	
STRING WEIGHT	Hook Load	Drag Up	Drag Down	Max Allowed		Torque	GAS	Bkgd Gas	Conn Gas	Trip Gas	Max Gas	Max Gas @		
PUMPS														
Make / Model	Pump Pressure	Liner Size	Stroke Length	SPM	Oil Pressure	GPS	GPM	SPR	Depth	Anglo	Direction	Depth	Anglo	Direction
CNPC - 1600		7"	12"			5.7								
CSIC F-1600		6"	12"			5.7								
SURVEYS														
TIME BREAKDOWN 10:00 AM to 10:00 PM														
Start	End	Hrs	Code	JSA #	Description									
10:00	6:30	8 1/2	22	39	RIG IDLE. WAIT ON DAYLIGHT & TRUCKS.									
6:30	7:00	1/2	21	39	SAFETY MEETING W/ RIG CREWS AND RIG MOVERS									
7:00	8:00	1	1	51	RIG DOWN TRAILERS LIGHT PLANT, DIESEL TANK, AND AIR COMP. GET READY TO LOAD OUT									
8:00	3:00	7	1	51	TRUCKS ON LOCATION AT 08:00 AM; UNPIN AND UNSTACK SUB STRUCTURE AND GETTING READY TO LOAD OUT TO NEW LOCATION; LOAD DERRICK OUT TO NEW LOCATION; LOAD LIGHT PLANT, DIESEL TANK, BUNK HOUSE, TRAILERS, AND PUMPS TO NEW LOCATION.									
03:00	04:00	1	21	39	ON ROAD TO NEW LOCATION 16 MILES WEST OF KERMIT, TEXAS 77 MILES F/LOC. TO LOC.									
4:00	09:00	4	1	49	RACK AND STRIP PIPE ON NEW LOCATION WAITING ON LOWER HALF OF SUB TO ARRIVE, RIG UP TRAILER HOUSES, WATER TANKS ECT., RIG UP DIESEL TANK AND LIGHT PLANT TO TRAILERS									
					TRUCKS SHUT DOWN AT 05:30 PM. LEFT ONE TRAILER, TOP DH, PITS, PONY SUBS, SPARE DIESEL TANK AND MOST OF 3 1/2" D.P. ON OLD LOCATION.									
08:00	10:00	2	22	39	RIG IDLE WAITING ON TRUCKS; TOOL PUSHER AND CREWS ON LOCATION									
					MAN.- 0									
					ANN- 0									
					ACC- 0									



Date: 7/7/12 Page 2

TIME BREAKDOWN 10:00 PM to 6:00 AM										
Start	End	Hrs	Code	JSA#	Description					
10:00	8:00	8	22	39	RIG IDLE. WAITING ON TRUCKS. TOOL PUSHER AND CREWS ON LOCATION					



RIG # 11

## DRILLING REPORT



SUPT. TAKING REPORT Steven Richardson

WELL NAME		UNIVERSITY 26/20 #1				OPERATOR		ENDEAVOR ENERGY						
Depth @ 10:00 pm	0	Prop TD	14,000'	County	LOVING	State	TX	Rig #	11	Date	7/8/12			
TVD	0	KB	26'	Company Supervisor	STEVE EVANS			Rig Phone	432-631-3146	Spud Date				
Footage	0	Ft per hr	0	Phone	432-288-6690			Toolpusher	Joseph Vasquez	Report #	3			
Lithology								Cell Phone	432-634-4380	Days from Spud	0			
PRESENT OPERATION								Rig Supt.	Steven Richardson	AFE #				
RIG IDLE. WAIT ON DAYLIGHT & TRUCKS								Cell Phone	432-967-9995	Working Interest				
MUD REPORT														
MUD COMPANY:			NEWARK DRILLING				MUD ENGINEER:							
Type	Mud Weight	ECD	Vis.	Plastic Viscosity	Yield Point	Gel-Initial	Gel-10 min	Cake	Water Loss	Solids	% Oil	% Water	Mud Losses	
PH	Pm	Pf	Mf	CL	CA	LCM	Washout (%vol)	Hole Vol	Plt Vol	Stored Volume	Min to Bit	Stms Up	Full Circ	
DRILL PIPE AND DRILL COLLARS (Top to bottom)														
Number of Joints	Length	Size OD	Size ID	WT.	Conn.	Grade	Annular Velocity	Date Set	Size	Top (MD)	Bottom (TVD)	Wt.	Grade	Top of Cement
		3 1/2	2 3/4	16.60	3 1/2 IF	S-135								
		3 1/2	2 3/4	16.60	3 1/2 IF	X-95								
		3 1/2	2 3/4	15.50	3 1/2 IF	G-105								
		4 3/4	2 1/2	46.1	3 1/2 IF	DC								
BOTTOM HOLE ASSEMBLY														
BHA #	Length	Weight	Description											
BIT INFORMATION														
Bit #	In @	Out @	Size	Mfg	Type	Serial #	Jets	RPM Rotary	RPM Motor	WOB	Feet	Hours	F/Hr	Bit HP
BIT GRADING	Bit #	Depth Out	Inn	Out	Dull Characteristics		Location	Bearings/Seals		Gauge	Other Dull Characteristics		Reason Pulled	
STRING WEIGHT	Hook Load	Drag Up	Drag Down	Max Allowed		Torque	GAS	Bkgd Gas	Conn Gas	Trip Gas	Max Gas	Max Gas @		
PUMPS														
Make / Model	Pump Pressure	Liner Size	Stroke Length	SPM	Oil Pressure	GPS	GPM	SPR	Depth	Angle	Direction	Depth	Angle	Direction
CNPC - 1600		7"	12"			5.7								
CSIC F-1600		5"	12"			6.7								
SURVEYS														
Start	End	Hrs	Code	JSA #	Description									
10:00	6:30	8 1/2	22	39	RIG IDLE. WAIT ON DAYLIGHT & TRUCKS.									
8:30	7:00	1/2	21	39	SAFETY MEETING W/ RIG CREWS AND RIG MOVERS									
7:00	8:00	1	1	51	RIG DOWN TRAILERS LIGHT PLANT, DIESEL TANK, AND AIR; GET OUTLINE READY TO SET									
8:00	11:00	3	1	51	STACK AND PIN UPPER SECTIONS OF SUBSTRUCTURE; GET SUB READY TO SET OVER HOLE PUT MATTING BOARD ON, ROTARY TABLE, CROSS BEAMS ECT. MISSING LOWER PIECE OF SUB LEFT ON OLD LOCATION.									
11:00	02:30	3.5	22	39	WAITING ON LOWER PONY FOR SUBSTRUCTURE TO ARRIVE FROM OLD LOCATION; BEGAN CHANGING LINERS AND SWABS ON #2 PUMP FROM 5" TO 7"; GET MINOR REPAIRS DONE LIKE CHANGING OUT VAVLES IN PITS AND REPLACING AIR LINES ON DRILLERS CONSOL.									
					TAKE OFF DAMAGED SUPPORT ARM TO TOP DOG HOUSE TO BE SENT IN FOR REPAIR									
02:30	05:30	3	1	49	SET PONY SUBS AROUND HOLE; STACK SUBSTRUCTURE AND PIN. TRUCKS SHUT DOWN AT 5:30									
05:30	07:00	1.6	1	51	FINISH UP MINOR REPAIRS AND PUMPS; GET TRAILER HOUSES RIGGED BACK UP									
07:00	10:00	3	22	39	RIG IDLE WAITING ON TRUCKS; TOOL PUSHER AND CREWS ON LOCATION									
					MAN - 0									
					ANN - 0									
					ACC - 0									





## Big Dog Drilling

WELL NAME			UNIVERSITY 26/20 #1			OPERATOR			ENDEAVOR ENERGY					
Depth @ 10:00 pm	0	Prop TD	14,000'	County	LOVING	State	TX	Rig #	11	Date	7/8/12			
TVD	0	KB	26'	Company Supervisor	STEVE EVANS			Rig Phone	432-631-3146	Spud Date				
Footage	0	Ft per hr	0	Phone	432-288-6890			Toolpusher	Joseph Vasquez	Report #	4			
Lithology								Cell Phone	432-634-4380	Days from Spud	0			
PRESENT OPERATION								Rig Supt.	Steven Richardson	AFE #				
RIG IDLE. WAIT ON DAYLIGHT & TRUCKS								Cell Phone	432-967-9996	Working Interest				
MUD REPORT														
MUD COMPANY:				NEWARK DRILLING				MUD ENGINEER:						
Type	Mud Weight	ECD	Vis.	Plastic Viscosity	Yield Point	Gel-Initial	Gel-10 min	Cake	Water Loss	Solids	% Oil	% Water	Mud Losses	
PH	Pm	Pf	Mf	CL	CA	LCM	Washout (%vol)	Hole Vol	Pit Vol	Stored Volume	Min to Bit	Blms Up	Full Circ	
DRILL PIPE AND DRILL COLLARS (Top to bottom)														
Number of Joints	Length	Size OD	Size ID	WT.	Conn.	Grade	Annular Velocity	Date Set	Size	Top (MD)	Bottom (TVD)	Wt.	Grade	Top of Cement
		3 1/2	2 3/4	15.50	3 1/2 IF	S-135								
		3 1/2	2 3/4	15.50	3 1/2 IF	X-95								
		3 1/2	2 3/4	16.50	3 1/2 IF	G-106								
		4 3/4	2 1/2	46.1	3 1/2 IF	DC								
BOTTOM HOLE ASSEMBLY														
BHA #	Length	Weight	Description											
BIT INFORMATION														
Bit #	In @	Out @	Size	Mfg	Type	Serial #	Jets	RPM Rotary	RPM Motor	WOB	Feet	Hours	Ft/Hr	Bit HP
BIT GRADING	Bit #	Depth Out	Inner	Outer	Dull Characteristics	Location	Bearings/Seals	Gauge	Other Dull Characteristics			Reason Pulled		
STRING WEIGHT	Hook Load	Drag Up	Drag Down	Max Allowed	Torque	GAS	Bkgd Gas	Conn Gas	Trip Gas	Max Gas	Max Gas @			
PUMPS														
Make / Model	Pump Pressure	Liner Size	Stroke Length	SPM	Oil Pressure	GPS	GPM	SPR	Depth	Angle	Direction	Depth	Angle	Direction
CNPC - 1600		7"	12"			5.7								
CSIC F-1600		5"	12"			5.7								
SURVEYS														
TIME BREAKDOWN 10:00 AM to 10:00 PM														
Start	End	Hrs	Code	JSA #	Description									
10:00	6:30	8 1/2	22	39	RIG IDLE. WAIT ON DAYLIGHT & TRUCKS.									
6:30	7:00	1/2	21	39	SAFETY MEETING W/ RIG CREWS AND RIG MOVERS									
7:00	8:00	1	1	51	RIG DOWN TRAILERS LIGHT PLANT, DIESEL TANK, AND AIR; GET OUTLINE READY TO SET									
8:00	09:00	1	1	51	FINISH UP STACKIN PONYSUBS FOR FLOOR MOTOTRS; GET SET UP TO MOVE FLR MYRS									
09:00	02:00	5	1	49	PUT DRAWWORKS ON FLOOR AND BOLT DOWN. PLACE ALL THREE MOTORS ON FLOOR AND BOLT DOWN; BEGAN TO RIG UP FLOOR MOTORS AND COMPOUND. INSTALLED ROTARY TABLE AND DERRICK MATTING BOARD. START RIGGING UP CHAINS.									
02:00	05:30	3.5	1	51	SET TAIL PUMPS AND LEVEL AND ADJUST BELTS; SET SUCTION AND PREMIX PITS; TRUCKS SHUT DOWN AT 5:30									
05:30	08:30	3	1	39	RIGGING UP AIR TANKS TO GET AIR TO RIG ; DIG DITCHES, RIG UP PUMPS AND SUCTION PIT RIG UP TRAILERS AND SHUT DOWN AT DARK 09:30 PM									
08:30	10:00	1.6	22	39	RIG IDLE WAITING ON TRUCKS; TOOL PUSHER AND CREWS ON LOCATION									
					MAN.- 0									
					ANN- 0									
					ACC- 0									



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## DRILLING REPORT

RIG # 11

SUPT. TAKING REPORT Steven Richardson



WELL NAME		UNIVERSITY 26/20 #1				OPERATOR		ENDEAVOR ENERGY						
Depth @ 10:00 pm	0	Prop YD	14,000'	County	LOVING	State	TX	Rig #	11	Date	7/10/12			
TVD	0	KB	26'	Company Supervisor	STEVE EVANS			Rig Phone	432-631-3146	Spud Date				
Footage	0	Ft per hr	0	Phone	432-288-5590			Toolpusher	Joseph Vasquez	Report #	6			
Lithology								Cell Phone	432-634-4380	Days from Spud	0			
PRESENT OPERATION								Rig Supt.	Steven Richardson	AFE #				
RIGGING UP GROUND								Cell Phone	432-967-9995	Working Interest				
MUD REPORT														
MUD COMPANY:			NEWARK DRILLING				MUD ENGINEER:							
Type	Mud Weight	ECD	Vis.	Plastic Viscosity	Yield Point	Gel-Initial	Gel-10 min	Cake	Water Loss	Solids	% Oil	% Water	Mud Losses	
PH	Pm	Pf	Mf	CL	CA	LCM	Washout (%vol)	Hole Vol	Pit Vol	Stored Volume	Min to Bit	Blms Up	Full Circ	
DRILL PIPE AND DRILL COLLARS (Top to bottom)														
Number of Joints	Length	Size OD	Size ID	WT.	Conn.	Grade	Annular Velocity	Date Set	Size	Top (MD)	Bottom (TVD)	WT.	Grade	Top of Cement
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		3 1/2	2 3/4	16.50	3 1/2 IF	X-95								
		3 1/2	2 3/4	16.50	3 1/2 IF	G-105								
		4 3/4	2 1/2	46.1	3 1/2 IF	DC								
BOTTOM HOLE ASSEMBLY														
BHA #	Length	Weight	Description											
BIT INFORMATION														
Bit #	In @	Out @	Size	Mfg	Type	Serial #	Jets	RPM Rotary	RPM Motor	WOB	Feet	Hours	Ft/Hr	Bit HP
BIT GRADING	Bit #	Depth Out	Inner	Outer	Dull Characteristics		Location	Bearings/Seals		Gauge	Other Dull Characteristics		Reason Pulled	
STRING WEIGHT	Hook Load	Drag Up	Drag Down	Max Allowed		Torque	GAS	Bkgd Gas	Conn Gas	Trip Gas	Max Gas	Max Gas @		
PUMPS														
Make / Model	Pump Pressure	Liner Size	Stroke Length	SPM	Oil Pressure	GPS	GPM	SPR	Depth	Angle	Direction	Depth	Angle	Direction
CNPC - 1600		7"	12"			5.7								
CSIC F-1800		7"	12"			5.7								
SURVEYS														
TIME BREAKDOWN 10:00 AM to 10:00 PM														
Start	End	Hrs	Code	JSA #	Description									
10:00	07:00	9	22	39	RIG IDLE. WAIT ON DAYLIGHT & TRUCKS.									
07:00	08:00	1	21	39	SAFETY MEETING W/ RIG CREWS AND RIG MOVERS; WAITING ON CRANE OPERATORS									
08:00	11:30	3.5	1	73	SET DERRICK ON HEADACHE RACK; RAISE A-LEGS, BRIDAL UP AND SPOOL DRLG LINE, PUT DERRICK BOARD ON AND RAISE DERRICK; IN AIR AND PINNED AT 11:30 A.M.									
11:30	05:00	6.5	1	51	BRIDAL DOWN AND RIG UP FLOOR; SET AND RIG UP SHALE PITS, OUTLINE, MUD HOUSE, BAR BINS TRIP TANK, GAS BUSTER, AND ACCUM.; FINISH RIGGING UP PUMPS AND SET PIPE ON RACKS									
05:00	10:00	5	1	51	SET SUIT CASES AND RIG UP ELECTRICAL TO RIG; P/U AND RIG UP ST-80 IRONROUGHNECK TO FLR P/U AND M/U KELLY, KELLY SPINNER AND KELLY VAVLES.									
					MAN.- 0									
					ANN- 0									
					ACC- 0									

## Drilling Report

Rlg # 11

UNIVERSITY 26/20 #1

Operator

**ENDEAVOR ENERGY**

Date: 7/10/12 Page 2

Date: 7/10/12

[illegible]



## Big Dog Drilling

STEVEN RICHARDSON

[illegible]

## Page 2

## ENDEAVOR RESOURCES

Date: 7/11/12

[illegible]





PRESENT OPERATION: TOH for casing

Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled

[illegible]

Notes / Next 24 hrs:	TOH, PU casing, Cement and install wellhead,Nipple up



PRESENT OPERATION: Nipple Up			
OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	6:30	0.50	LD 2 jts 5" dp
6:30	8:30	2.00	TOH, LD reamer and bit
8:30	9:30	1.00	RU "Express" casing crew
9:30	11:30	2.00	Run 13.375 casing
11:30	12:30	1.00	Wash last jt of casing down / circulate to clear float / RD casing crew / RU "Schlumberger" to cement
12:30	14:00	1.50	Turtn over operations to Schlumberger
14:00	18:00	4.00	WOC / RD Schlumberger
18:00	1:00	7.00	Cut off casing / Install wellhead / test to 500psi
1:00	6:00	5.00	Nipple up
			Casing detail; Drillers TD 382 Set @ 378 Float @ 336 5 centralizers used
			Run Texas pattern shoe + 1 jt 13.375, 48pf, H40, STC 8rd casing + Float collar + 8 jts 13.375, 48pf, H40, STC 8 rd casing Total 9 jts casing used
			Cement detail; Bumped float @ 1:50 pm on 7/12/12 w/ 604 psi floats held
			Pumped 360 sx Class C neat cement 20 bbls = 84 sx circulated to surface
		24.00	RRC notified @ 3:35pm on 7/10/12 Job # 8667

BIT RECORD				
BIT # (#xxRR if re-run)	1			
SIZE	17 1/2			
MFG.	JZ			
TYPE	GA10			
IADC CODE				
SERIAL # (RR if re-run)	RR030989			
DEPTH IN	40			
DEPTH OUT	382			
JETS	3 X 18s			
WOB (min   max)		40		
RPM (rot motor or min max)		100		
FOOTAGE (Daily   Cum)	342	342		
ROLG HOURS (Daily   Cum)	9.5	9.5		
DRP (Daily   Cum)	<b>36.0</b>	<b>36.0</b>		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Daily	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

[illegible]

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	580	
PRESSURE (w/ max diff)		
SPM	100	
LINER SIZE	7	7
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	5.701
OUTPUT (gpm)	570	0
SPR & PRESSURE		
TEST SUB SPM & PSI		
PRIMARILY PUMPING:		

[illegible]

Notes / Next 24 hrs:	Finish nipple up, test stack, TIH, drill out





PRESENT OPERATION: Testing casing

Notes / Next 24 hrs:	Drill out from under shoe, new hole

[illegible]

BIT RECORD				
BIT # (#xxRR if re-run)	2			
SIZE	12 1/4			
MFG.	Hughes			
TYPE	GA10			
IADC CODE				
SERIAL # (RR if re-run)	7138987			
DEPTH IN	382			
DEPTH OUT				
JETS	6 x 12s			
WOB (min   max)	25			
RPM (rot motor or min max)	60	160		
FOOTAGE (Daily   Cum)	654	654		
ROP (Daily   Cum)	15.0	15.0		
DRG (Daily   Cum)	43.6	43.6		
Motor Circ. Hrs (Daily   Cum)	18.0	18.0		
Directional Bits:	Daily	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)	654	15.0		
DIFF. PRESS. (min   max)	150	350		

<b><u>BIT GRADING</u></b>								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
1	1	1			E			Casing TD

#2 motor: Phoenix o 7-3/4" 4/5 5.3 stage (0.23 rpg), SN xxxxxx. -1/8" stab sleeve.

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	920	
PRESSURE (w/ max diff)	1270	
SPM	100	
LINER SIZE	7	7
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	5.701
OUTPUT (gpm)	570	0
SPR & PRESSURE		
TEST SUB SPM & PSI		
PRIMARILY PUMPING:		

[illegible]

Notes / Next 24 hrs:	Drilling



[illegible]

BIT RECORD				
BIT # (#xxRR if re-run)	2			
SIZE	12 1/4			
MFG.	Hughes			
TYPE	GA10			
IADC CODE				
SERIAL # (RR if re-run)	7138987			
DEPTH IN	382			
DEPTH OUT				
JETS	6 x 12s			
WOB (min   max)	25	30		
RPM (rot motor or min max)	60	130		
FOOTAGE (Daily   Cum)	1,077	1,731		
DRLOG HOURS (Daily   Cum)	23.0	38.0		
RDP (Daily   Cum)	<b>46.8</b>	<b>45.6</b>		
Motor Circ. Hrs (Daily   Cum)	23.0	41.0		
<i>Directional Bits:</i>	Daily	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)	1,731	38.0		
DIFF. PRESS. (min   max)	150	450		

<b><u>BIT GRADING</u></b>								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
1	1	1			E			Casing TD

#2 motor: Phoenix o 7-3/4" 4/5 5.3 stage (0.23 rpg), SN PXG0688. -1/8" stab sleeve.

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	920	
PRESSURE (w/ max diff)	1270	
SPM		95
LINER SIZE	7	7
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	5.701
OUTPUT (gpm)	0	542
SPR & PRESSURE		
TEST SUB SPM & PSI		
PRIMARILY PUMPING:		

[illegible]

Notes / Next 24 hrs:	Drilling

[illegible]

BIT RECORD				
BIT # (#xxRR if re-run)	2			
SIZE	12 1/4			
MFG.	Hughes			
TYPE	GA10			
IADC CODE				
SERIAL # (RR if re-run)	7138987			
DEPTH IN	382			
DEPTH OUT				
JETS	6 x 12s			
WOB (min   max)	25	30		
RPM (rot motor or min max)	60	130		
FOOTAGE (Daily   Cum)	1,004	2,735		
DRP LRG HOURS (Daily   Cum)	23.5	61.5		
ROL (Daily   Cum)	<b>42.7</b>	<b>44.5</b>		
Motor Circ. Hrs (Daily   Cum)	23.5	64.5		
Directional Bits:	Daily	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)	2,735	61.5		
DIFF. PRESS. (min   max)	150	450		

<b><u>BIT GRADING</u></b>								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
1	1	1			E			Casing TD

#2 motor: Phoenix o 7-3/4" 4/5 5.3 stage (0.23 rpg), SN PXG0688. -1/8" stab sleeve.

[illegible]

Notes / Next 24 hrs:	Drilling



[illegible]

BIT RECORD				
BIT # (#xxRR if re-run)	2			
SIZE	12 1/4			
MFG.	Hughes			
TYPE	GA10			
IADC CODE				
SERIAL # (RR if re-run)	7138987			
DEPTH IN	382			
DEPTH OUT				
JETS	6 x 12s			
WOB (min   max)	25	35		
RPM (rot motor or min max)	60	112		
FOOTAGE (Daily   Cum)	808	3,543		
DRP HOURS (Daily   Cum)	23.5	85.0		
ROL (Daily   Cum)	34.4	41.7		
Motor Circ. Hrs (Daily   Cum)	23.5	88.0		
Directional Bits:	Daily	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)	3,543	85.0		
DIFF. PRESS. (min   max)	250	450		

<b><u>BIT GRADING</u></b>								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
1	1	1			E			Casing TD

#2 motor: Phoenix o 7-3/4" 4/5 5.3 stage (0.23 rpg), SN PXG0688. -1/8" stab sleeve.

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	920	
PRESSURE (w/ max diff)	1270	
SPM		85
LINER SIZE	7	7
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	5.701
OUTPUT (gpm)	0	485
SPR & PRESSURE		
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	2	

[illegible]

Notes / Next 24 hrs:	Drilling

[illegible]

BIT RECORD				
BIT # (#xxRR if re-run)	2			
SIZE	12 1/4			
MFG.	Hughes			
TYPE	GA10			
IADC CODE				
SERIAL # (RR if re-run)	7138987			
DEPTH IN	382			
DEPTH OUT				
JETS	6 x 12s			
WOB (min   max)	25	35		
RPM (rot motor or min max)	60	112		
FOOTAGE (Daily   Cum)	705	4,248		
ROD LOGS (Daily   Cum)	22.5	107.5		
DRP (Daily   Cum)	31.3	39.5		
Motor Circ. Hrs (Daily   Cum)	22.5	110.5		
Directional Bits:	Daily	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)	4,248	107.5		
DIFF. PRESS. (min   max)	250	450		

BIT GRADING								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
1	1	1			E			Casing TD

#2 motor: Phoenix o 7-3/4" 4/5 5.3 stage (0.23 rpg), SN PXG0688. -1/8" stab sleeve.

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	1500	1500
PRESSURE (w/ max diff)	1950	1850
SPM	90	90
LINER SIZE	7	7
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	5.701
OUTPUT (gpm)	513	513
SPR & PRESSURE		
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	Drilling



[illegible]

BIT RECORD				
BIT # (#xxRR if re-run)	2			
SIZE	12 1/4			
MFG.	Hughes			
TYPE	GA10			
IADC CODE				
SERIAL # (RR if re-run)	7138987			
DEPTH IN	382			
DEPTH OUT				
JETS	6 x 12s			
WOB (min   max)	25	35		
RPM (rot motor or min max)	60	124		
FOOTAGE (Daily   Cum)	495	4,743		
DRP HOURS (Daily   Cum)	19.0	126.5		
ROL (Daily   Cum)	26.1	37.5		
Motor Circ. Hrs (Daily   Cum)	21.5	132.0		
Directional Bits:	Daily	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)	4,743	126.5		
DIFF. PRESS. (min   max)	100	450		

<b><u>BIT GRADING</u></b>								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
1	1	1			E			Casing TD

#2 motor: Phoenix o 7-3/4" 4/5 5.3 stage (0.23 rpg), SN PXG0688. -1/8" stab sleeve.

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	1500	1700
PRESSURE (w/ max diff)	1950	2000
SPM	90	95
LINER SIZE	7	7
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	5.701
OUTPUT (gpm)	513	542
SPR & PRESSURE		47/350
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	2	

[illegible]

Notes / Next 24 hrs:	TOOH, RUN PIPE, CEMENT



PRESENT OPERATION: CIRC. PRIOR TO CEMENT

## BIT LOOKED NEW

Notes / Next 24 hrs:	PUMP CEMENT, N/U B SECTION





PRESENT OPERATION: N/U BOP

## BIT LOOKED NEW

Notes / Next 24 hrs:	P/U & MU BHA, DRILL CEMENT, MAKE NEW 8 3/4" HOLE

[illegible]

BIT RECORD				
BIT # (#xxRR if re-run)	3			
SIZE	8 3/4			
MFG.	SMITH			
TYPE	Mi 813			
IADC CODE				
SERIAL # (RR if re-run)	JF5882			
DEPTH IN	5,125			
DEPTH OUT				
JETS	6/12s			
WOB (min   max)	20			
RPM (rot motor or min max)	60	135		
FOOTAGE (Daily   Cum)	118	118		
ROP (Daily   Cum)	2.5	2.5		
DRG (Daily   Cum)	47.2	47.2		
Motor Circ. Hrs (Daily   Cum)	7.0	7.0		
Directional Bits:	Daily	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)	118	2.5	4,861	129.0
DIFF. PRESS. (min   max)				

<b><u>BIT GRADING</u></b>								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled

**MOTOR 7/8 5.7 RPG .25 8 5/8 STABILIZER**

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	1700	
PRESSURE (w/ max diff)	1900	
SPM	95	
LINER SIZE	7	7
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	5.701
OUTPUT (gpm)	542	0
SPR & PRESSURE		
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	DRILL 8 3/4 HOLE





OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	11:30	5.50	DRLG F/5243 T/5463 WOB 25 ROT. 60 MOTOR 135 GPM 542 SPP 1700 DIFF. 1900 ROP 40
11:30	12:00	0.50	SERVICE RIG
12:00	13:30	1.50	DRLG F/5463 T/5525 WOB 25 ROT. 60 MOTOR 135 GPM 542 SPP 1700 DIFF. 1900 ROP 41.3
13:30	14:00	0.50	BOP DRILL & SLOW PUMP RATE #1 20/900psi #2 24/1000psi
14:00	16:30	2.50	DRLG F/5525 T/5619 WOB 25 ROT. 60 MOTOR 135 GPM 542 SPP 1700 DIFF. 1900 ROP 37.6
16:30	17:30	1.00	TIGHT HOLE WORK PAST JUNK
17:30	21:30	4.00	TOOH TO INSPECT BHA
21:30	22:30	1.00	TEST #3 FLOOR MOTOR W/MECHENIC
22:30	1:00	2.50	TOOH TO INSPECT BHA
1:00	2:30	1.50	L/D SDI, MOTOR, & ALL JEWELREY, STABILIZER ON MOTOR FAILED LEFT 2 LUGS IN HOLE
2:30	6:00	3.50	WAIT ON FISHING TOOLS
			WE ARE P/U MAGNET AND 2 JUNK BASKETS
		24.00	

BIT RECORD				
BIT # (#xxRRR if re-run)	3			
SIZE	8 3/4			
MFG.	SMITH			
TYPE	Mi 813			
IADC CODE				
SERIAL # (RR if re-run)	JF5882			
DEPTH IN	5,125			
DEPTH OUT	5619			
JETS	6/12s			
WOB (min   max)	20	25		
RPM (rot motor or min max)	60	135		
FOOTAGE (Daily   Cum)	376	494		
ROP (Daily   Cum)	9.5	12.0		
DRL (Daily   Cum)	<b>39.6</b>	<b>41.2</b>		
Motor Circ. Hrs (Daily   Cum)	11.5	18.5		
<i>Directional Bits:</i>	Daily	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)	376	9.5	5,237	138.5
DIFF. PRESS. (min   max)				

<b><u>BIT GRADING</u></b>								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
3	0	3	CT	G		I	JD	DMF

**STABILIZER SPLIT SLID DOWN TOOL TO BIT & DAMAGED GAUGE ROW TEETH**

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	1700	
PRESSURE (w/ max diff)	1900	
SPM	95	
LINER SIZE	7	7
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	5.701
OUTPUT (gpm)	542	0
SPR & PRESSURE	20/900	24/1000
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	FISH JUNK



PRESENT OPERATION: TIH TO DRILL

Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
3	0	3	CT	G		I	JD	DMF

MOTOR 36B6502148 7/8 5.7 .25 RPG 8 5/8 STABILIZER

Notes / Next 24 hrs:	DRLG





OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	7:00	1.00	REPAIR OLILER PUMP ON DRAWWORKS
7:00	8:00	1.00	TIH
8:00	8:30	0.50	BREAK CIRC WASH TO BOTTOM
8:30	15:00	6.50	DRLG F/5619 T/5965 WOB 25 ROT 60/128 GPM 513 SPP 1900 DIFF 2000 ROP 53.2
15:00	15:30	0.50	SERVICE RIG
15:30	22:00	6.50	DRLG F/5965 T/6248 WOB 25 ROT 60/128 GPM 513 SPP 1900 DIFF 2000 ROP 43.5
22:00	23:00	1.00	REINSTALL ROTATING HEAD
23:00	2:30	3.50	DRLG F/6248 T/6435 WOB 25 ROT 60/128 GPM 513 SPP 1900 DIFF 2050 ROP 53.4
2:30	3:00	0.50	INSTALL NEW BELT DRAWWORKS
3:00	6:00	3.00	DRLG F/6435 T/6592 WOB 20/27 ROT 60/128 GPM 513 SPP 1950 DIFF 2100 ROP 52.3
			DOLOMITE 20% SAND 80%
		<b>24.00</b>	

BIT RECORD				
BIT # (#xxRRR if re-run)	4			
SIZE	8 3/4			
MFG.	HUGHES			
TYPE	DP606X			
IADC CODE				
SERIAL # (RR if re-run)	7030677			
DEPTH IN	5,619			
DEPTH OUT				
JETS	3/12 & 3/11			
WOB (min   max)	20	25		
RPM (rot motor or min max)	60	135		
FOOTAGE (Daily   Cum)	973	973		
ROP (Daily   Cum)	19.5	19.5		
DRL (Daily   Cum)	<b>49.9</b>	<b>49.9</b>		
Motor Circ. Hrs (Daily   Cum)	21.5	21.5		
<i>Directional Bits:</i>	Daily	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)	973	19.5	6,210	158.0
DIFF. PRESS. (min   max)				

<b><u>BIT GRADING</u></b>								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
3	0	3	CT	G		I	JD	DMF

**MOTOR 36B6502148 7/8 5.7 .25 RPG 8 5/8 STABILIZER**

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	1950	
PRESSURE (w/ max diff)	2100	
SPM	90	
LINER SIZE	7	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	4.916
OUTPUT (gpm)	513	0
SPR & PRESSURE	20/900	24/1000
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	DRLG



OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	12:00	6.00	DRLG F/6592 T/6873 WOB 20/27 ROT 60/128 GPM 513 SPP 1950 DIFF 2100 ROP 46.8
12:00	12:30	0.50	SERVICE RIG
12:30	22:00	9.50	DRLG F/6873 T/7279 WOB 20/27 ROT 60/128 GPM 513 SPP 1950 DIFF 2100 ROP 42.7
22:00	0:00	2.00	TIGHTEN UNION ON STAND PIPE
0:00	3:30	3.50	DRLG F/7279 T/7403 WOB 20/27 ROT 60/121 GPM 485 SPP 1900 DIFF 2100 ROP 35.4
3:30	4:00	0.50	INSTALL NEW ROTATING HEAD
4:00	4:30	0.50	DRLG F/7403 T/7434 WOB 20/27 ROT 60/121 GPM 485 SPP 1900 DIFF 2100 ROP 62
4:30	5:30	1.00	CIRC. SWEEP OUT
5:30	6:00	0.50	DRLG F/7434 T/7466 WOB 20/27 ROT 60/121 GPM 485 SPP 1900 DIFF 2100 ROP 64
			DOLOMITE 10% SAND 20% SILT STONE 70%
		24.00	

BIT RECORD				
BIT # (#xxRRR if re-run)	4			
SIZE	8 3/4			
MFG.	HUGHES			
TYPE	DP606X			
IADC CODE				
SERIAL # (RR if re-run)	7030677			
DEPTH IN	5,619			
DEPTH OUT				
JETS	3/12 & 3/11			
WOB (min   max)	20	27		
RPM (rot motor or min max)	60	121		
FOOTAGE (Daily   Cum)	874	1,847		
DRLOG HOURS (Daily   Cum)	20.0	39.5		
RDP (Daily   Cum)	43.7	46.8		
Motor Circ. Hrs (Daily   Cum)	21.0	42.5		
Directional Bits:	Daily	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)	874	20.0	7,084	178.0
DIFF. PRESS. (min   max)	50	200		

<b><u>BIT GRADING</u></b>								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
3	0	3	CT	G		I	JD	DMF

**MOTOR 36B6502148 7/8 5.7 .25 RPG 8 5/8 STABILIZER**

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	1900	
PRESSURE (w/ max diff)	2100	
SPM	85	
LINER SIZE	7	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	4.916
OUTPUT (gpm)	485	0
SPR & PRESSURE	20/900	24/1000
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	DRLG



OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	10:30	4.50	DRLG F/7466 T/7592 WOB 27 ROT 60/121 GPM 485 SPP 1700 DIFF 2000 ROP 28
10:30	11:00	0.50	SERVICE RIG
11:00	12:30	1.50	WELD STAND PIPE
12:30	20:30	8.00	DRLG F/7592 T/7843 WOB 27 ROT 60/121 GPM 485 SPP 1700 DIFF 2000 ROP 31.3
20:30	21:00	0.50	INSTALL BOP WALK AROUND
21:00	6:00	9.00	DRLG F/7843 T/8170 WOB 27 ROT 60/121 GPM 485 SPP 1700 DIFF 2000 ROP 36.3
			LIME 30% SHALE 50% SILT STONE 20%
		24.00	

BIT RECORD				
BIT # (#xxRR if re-run)	4			
SIZE	8 3/4			
MFG.	HUGHES			
TYPE	DP606X			
IADC CODE				
SERIAL # (RR if re-run)	7030677			
DEPTH IN	5,619			
DEPTH OUT				
JETS	3/12 & 3/11			
WOB (min   max)	20	27		
RPM (rot motor or min max)	60	121		
FOOTAGE (Daily   Cum)	704	2,551		
ROD LOG HOURS (Daily   Cum)	21.5	61.0		
DRP (Daily   Cum)	32.7	41.8		
Motor Circ. Hrs (Daily   Cum)	21.5	64.0		
Directional Bits:	Daily	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)	704	21.5	7,788	199.5
DIFF. PRESS. (min   max)	50	300		

<b><u>BIT GRADING</u></b>								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
3	0	3	CT	G		I	JD	DMF

**MOTOR 36B6502148 7/8 5.7 .25 RPG 8 5/8 STABILIZER**

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	1700	
PRESSURE (w/ max diff)	2000	
SPM	85	
LINER SIZE	7	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	4.916
OUTPUT (gpm)	485	0
SPR & PRESSURE	20/900	24/1000
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	DRLG







PRESENT OPERATION: TIH

Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
4	2	5	WT	T	X	I		PR

Notes / Next 24 hrs:	DRLG

[illegible]

BIT RECORD					
BIT # (#xxRR if re-run)		5		6	
SIZE		8 3/4		8 3/4	
MFG.		HUGHES		HUGHES	
TYPE		AT408X		E44C	
IADC CODE					
SERIAL # (RR if re-run)		7140963		5210732	
DEPTH IN		8,825		8825	
DEPTH OUT		8879			
JETS		4/10 & 4/9		3/18s	
WOB (min   max)		30	35		
RPM (rot motor or min max)		50	60		
FOOTAGE (Daily   Cum)		54	54		
DRLG HOURS (Daily   Cum)		8.0	8.0		
ROP (Daily   Cum)		6.8	6.8		
Motor Circ. Hrs (Daily   Cum)					
Directional Bits:		Daily	Daily	Cum	Cum
SLIDING (footage   hrs)					
ROTATING (footage   hrs)		54	8.0	8,497	232.5
DIFF. PRESS. (min   max)					

<b><u>BIT GRADING</u></b>								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
5	7	2	WT,C	C	X	I	RO	PR

**MOTOR 6502108 7/8 5.7 .25 RPG 8 5/8 STABILIZER**

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	1700	1600
PRESSURE (w/ max diff)		
SPM	90	95
LINER SIZE	7	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	4.916
OUTPUT (gpm)	513	467
SPR & PRESSURE	45/700	50/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	2	

[illegible]

Notes / Next 24 hrs:	DRLG





PRESENT OPERATION: DRLG @ 8.8' P/H

Notes / Next 24 hrs:	DRLG



OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	8:00	2.00	DRLG F/9029 - 9050 WOB 20/22 ROT 60/135 GPM 542 SPP 2250 DIFF. 2290 ROP 10
8:00	8:30	0.50	Wireline survey 3" @ 8990
8:30	15:30	7.00	DRLG F/9050 - 9114 WOB 20/22 ROT 60/135 GPM 542 SPP 2430 DIFF. 2480 ROP 9
15:30	16:00	0.50	Rig service
16:00	16:30	0.50	BOP drill      SPR #1 45 spm 600 psi / SPR #2 50 spm 500 psi
16:30	22:30	6.00	DRLG F/9114 - 9176 WOB 20/22 ROT 60/135 GPM 542 SPP 2400 DIFF. 2438 ROP 10
22:30	23:30	1.00	Wireline survey 2.84" @ 9092
23:30	6:00	6.50	DRLG F/9176 - 9240 WOB 20/22 ROT 60/135 GPM 542 SPP 2378 DIFF. 2430 ROP 10
			LIME 70% SHALE 30%
		<b>24.00</b>	

BIT RECORD				
BIT # (#xxRR if re-run)	6			
SIZE	8 3/4			
MFG.	HUGHES			
TYPE	E44C			
IADC CODE				
SERIAL # (RR if re-run)	5210732			
DEPTH IN	8,879			
DEPTH OUT				
JETS	3/18s			
WOB (min   max)	20	22		
RPM (rot motor or min max)	60	135		
FOOTAGE (Daily   Cum)	211	361		
ROP (Daily   Cum)	21.5	38.5		
DRG (Daily   Cum)	9.8	9.4		
Motor Circ. Hrs (Daily   Cum)	22.0	41.0		
Directional Bits:	Daily	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)	211	21.5	8,858	271.0
DIFF. PRESS. (min   max)				

<b><u>BIT GRADING</u></b>								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
5	7	2	WT,C	C	X	I	RO	PR

**MOTOR 6502108 7/8 5.7 .25 RPG 8 5/8 STABILIZER**

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2550	2250
PRESSURE (w/ max diff)	2600	2300
SPM	100	110
LINER SIZE	7	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	4.916
OUTPUT (gpm)	570	541
SPR & PRESSURE	45/700	50/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	2	

[illegible]

Notes / Next 24 hrs:	DRLG



# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/3/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	24,168	1,202,053
DEPTH (MD): 9381	DAYS SINCE SPUD: 23	Mud		24,035
PROGRESS: 141	SUPERVISOR: Steven E Evans			

## OPERATIONS

FROM	TO	HRS	DETAILS
6:00	8:30	2.50	DRLG F/9240 - 9271 WOB 20/22 ROT 60/135 GPM 542 SPP 2378 DIFF. 2430 ROP 12
8:30	9:00	0.50	Wireline survey 2.84* @ 9212
9:00	12:00	3.00	DRLG F/9271 - 9302 WOB 20/22 ROT 60/135 GPM 542 SPP 2378 DIFF. 2430 ROP 10
12:00	12:30	0.50	Rig service
12:30	20:30	8.00	DRLG F/9302 - 9381 WOB 20/22 ROT 60/135 GPM 542 SPP 2378 DIFF. 2430 ROP 10
20:30	22:00	1.50	Pump sweep,set kelly back
22:00	4:30	6.50	Trip out of hole to PU "Scout tool,motor and bit"
4:30	6:00	1.50	TOH w/collars
			LIME 40% SHALE 60%
		<b>24.00</b>	

MUD DATA		
TIME		
MUD TYPE	FRESH	
WEIGHT	9.1	
VIS (SEC)	29	
PV/YP		
GELS		
WATER LOSS		
CAKE		
TS/LGS %		
HGS/SAND %		
MBT		
PH/ES	9.5	
PM		
PF/MF		
CL (PPM)	46,000	
CA (PPM)	1680	
CORR. SOLIDS	1.4	

HYDRAULICS	
AV DP	
AV DC	

[illegible]

BIT RECORD				
BIT # (#xxRR if re-run)	6			
SIZE	8 3/4			
MFG.	HUGHES			
TYPE	E44C			
IADC CODE				
SERIAL # (RR if re-run)	5210732			
DEPTH IN	8,879			
DEPTH OUT	9381			
JETS	3/18s			
WOB (min   max)	20	22		
RPM (rot motor or min max)	60	135		
FOOTAGE (Daily   Cum)	141	502		
DRLG HOURS (Daily   Cum)	13.5	52.0		
ROP (Daily   Cum)	10.4	9.7		
Motor Circ. Hrs (Daily   Cum)	15.0	56.0		
Directional Bits:	Daily	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)	141	15.0	8,999	286.0
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	295
Rotating Wt	290
Slack-off Wt	285
Torque	390/540

## BIT GRADING

Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
5	7	2	WT.CT.C	X	I	RO	PR	

MOTOR 6502108 7/8 5.7 .25 RPG 8 5/8 STABILIZER

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	136 BHA Buoy. Wt: 76,000		
Bit	1	1	8 3/4				4 1/2 REG	Wt. Below Jars:		
MOTOR 8 5/8 STAB.	1	31.9	7 3/8	1.63			4 1/2 REG X 4 1/2 XH			
IBS (8 5/8" blade OD)	1	7.65	7 1/2	2 5/8			4 1/2 XH			
NES tool	1	7.94	6	2 1/4			4 1/2 XH	Previous Casing		
DC	1	30.2	6 1/2	2 1/4			4 1/2 XH	Size	13 3/8	9 5/8
IBS (8 5/8" blade OD)	1	6.83	6 3/8				4 1/2 XH	Depth	378	5125
							4 1/2 XH	Weight	48	40
			6 1/2	2 1/2			4 1/2 XH	Grade	H40	HCK-55
Drill collars	17	531.49	6 1/2	2 1/4			4 1/2 XH	Gas Record		
XO	1	2.98	6 1/2	2 1/4			4 1/2 XH X 4 1/2 IF	BG gas units		43
HWDP (TOTAL 805.94)	6	185.95	5				4 1/2 IF	Max gas units		96
DRILL PIPE	272	8543						Max gas depth		9,355
Kelly Down		33						Conn. gas		57
TOTAL DEPTH		9,381						Trip gas		n/a

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2550	2250
PRESSURE (w/ max diff)	2600	2300
SPM	100	110
LINER SIZE	7	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	4.916
OUTPUT (gpm)	570	541
SPR & PRESSURE	45/500	50/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	2	

[illegible]

Notes / Next 24 hrs:	Finish Trip, drilling
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Rig Number: 575-201-8657 Cell Number: 254-979-1854

DRILL STRING		Bit #	9	O	Dull	Loc.	Bearing	Gauge	Other	Reason
Pick-up Wt	237K				Ch.		Seal	(x/16ths)	Dull Ch.	Pulled
Rotating Wt	205K									
Slack Off Wt	180K	Remarks								
Torque	<b>1,822</b>	Motor: 4.75 7/8 3.8 (.521rpg) @ 1.83"								

Notes / Next 24 hrs:	Slide/Rotate Drlg Building Rest Of Curve



Rig Number: 575-201-8657 Cell Number: 254-979-1854

DRILL STRING		Bit #	9	O	Dull	Loc.	Bearing	Gauge	Other	Reason
Pick-up Wt	275K				Ch.		Seal	(x/16ths)	Dull Ch.	Pulled
Rotating Wt	202K									
Slack Off Wt	175K	Remarks								
Torque	<b>4,350</b>	Motor: 4.75 7/8 3.8 (.521rpg) @ 1.83"								

Notes / Next 24 hrs:	Slide/Rotate Drlg Building Curve, Possible Bit Trip.



Rig Number: 575-201-8657 Cell Number: 254-979-1854

DRILL STRING		Bit #	9	O	Dull	Loc.	Bearing	Gauge	Other	Reason
Pick-up Wt	275K				Ch.		Seal	(x/16ths)	Dull Ch.	Pulled
Rotating Wt	205K									
Slack Off Wt	175K	Remarks								
Torque	<b>4,500</b>	Motor: 4.75 7/8 3.8 (.521rpg) @ 1.83"								

DEVIATION SURVEYS							
MD	TVD	Incl.	Az.	DLS.	V.S.	BUR	
12,133	11910.52	67.51	160.49	2.47	520.15		
12,165	11922.08	70.11	160.91	8.22	549.93		
12,196	11931.98	72.64	161.48	8.35	579.27		
12,228	11941.00	74.63	162.46	6.88	609.95		
12,300	11957.11	79.50	163.00	6.80	680.08		
12,386	11964.60	90.50	164.50	12.91	765.62		

Notes / Next 24 hrs:	Bit Trip, Slide/Rotate Drlg Building Curve.





# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/7/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	27,573	1,347,154
DEPTH (MD): 10,819	DAYS SINCE SPUD: 27	Mud		49,948
PROGRESS: 469	SUPERVISOR: Steven E Evans			
PRESENT OPERATION: Drilling				

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	12:00	6.00	Drlg f/ 10,350 - 10,444 wob 45 - rpm 60+128 - gpm 513 - spp 2000 diff 55 - rop 16
12:00	12:30	0.50	Rig service
12:30	6:00	17.50	Drlg f/ 10,444 - 10,819 wob 45/55 - rpm 60+123 - gpm 492 - spp 1980 diff 50 - rop 21
			LIME 40% SHALE 60%
		24.00	

MUD DATA		
TIME		
MUD TYPE	FRESH	
WEIGHT	9.2	
VIS (SEC)	29	
PV/YP		
GELS		
WATER LOSS		
CAKE		
TS/LGS %		
HGS/SAND %		
MBT		
PH/ES	10	
PM		
PF/MF		
CL (PPM)	72,000	
CA (PPM)	2280	
CORR. SOLIDS	0.7	

HYDRAULICS	
AV DP	
AV DC	

[illegible]

BIT RECORD				
BIT # (#xxRR if re-run)	7			
SIZE	8 3/4			
MFG.	Hughes			
TYPE	VDG38CH			
IADC CODE				
SERIAL # (RR if re-run)	5213849			
DEPTH IN	9381			
DEPTH OUT				
JETS	3 x16s			
WOB (min   max)	15	55		
RPM (rot motor or min max)	60/123			
FOOTAGE (Daily   Cum)	469	1,438		
DRP (Daily   Cum)	23.5	75.5		
ROL (Daily   Cum)	20.0	19.0		
Motor Circ. Hrs (Daily   Cum)	23.5	76.5		
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)	469	23.5	10,437	361.5
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	325
Rotating Wt	320
Slack-off Wt	315
Torque	390/540

BIT GRADING								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
5	7	2	WT,CT	C	X	I	RO	PR
6	4	3	wt/bt		E	I		Change BHA
Motor Phoenix PXG0559 7/8 5/7 .25 RPG 8 5/8 STABILIZER								

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	BHA Buoy. Wt: 63,000 Wt. Below Jars:		
Bit	1	1	8 3/4				4 1/2 REG			
Scout tool	1	14.06	7 1/8	1.63			4 1/2 REG X 4 1/2 XH	Previous Casing		
Double pin	1	1.03	6 1/2	2 5/8			4 1/2 XH			
MOTOR 8 5/8 STAB.	1	32.46	6 3/8				4 1/2 XH	Size	13 3/8	9 5/8
IBS (8 5/8" blade OD)	1	5.31	6 1/2	2 1/4			4 1/2 XH	Depth	378	5125
NES tool	1	7.49	6 3/8	2 1/4			4 1/2 XH	Weight	48	40
DC		30.2	6 1/4	2 1/4			4 1/2 XH	Grade	H40	HCK-55
IBS (8 5/8" blade OD)		6.65	6 1/2	2 1/2			4 1/2 XH	Gas Record		
Drill collars	17	531.49	6 1/2	2 1/4			4 1/2 XH			
XO	1	2.98	6 1/2	2 1/4			4 1/2 XH X 4 1/2 IF	BG gas units		45
HWDP (TOTAL 818.63)	6	185.95	5				4 1/2 IF	Max gas units		73
DRILL PIPE	317	9953						Max gas depth		10,634
Kelly Down		48						Conn. gas		49
TOTAL DEPTH		10,819						Trip gas		n/a

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2550	2250
PRESSURE (w/ max diff)	2600	2300
SPM	90	100
LINER SIZE	7	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	4.916
OUTPUT (gpm)	513	492
SPR & PRESSURE	45/500	50/400
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	2	

DEVIATION SURVEYS							
MD	TVD	Incl.	Az.	DLS	BUR	VS	
10162		0.50					
10227		0.50					
10258		0.75					
10467		0.75					
10508		0.75					
10540		1.00					
10634		0.50					
10728		0.75					

Notes / Next 24 hrs:	Drilling



# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/8/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	34,278	1,381,432
DEPTH (MD): 11,271	DAYS SINCE SPUD: 28	Mud	6,707	55,659
PROGRESS: 452	SUPERVISOR: Steven E Evans			

PRESENT OPERATION: Drilling

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	23:30	17.50	Drlg f/ 10,819 - 11,179 wob 55 - rpm 60+123 - gpm 492 - spp 2100 diff 55/200 - rop 20
23:30	1:00	1.50	Rig repair - rotary chain
1:00	5:00	4.00	Drlg f/ 11,179 - 11,256 wob 55 - rpm 60+123 - gpm 492 - spp 2300 diff 55/200 - rop 20
5:00	6:00	1.00	Drlg f/ 11,256 - 11,271 wob 40 - rpm 60+123 - gpm 492 - spp 2300 diff 55/200 - rop 15
			( back off wob due to drift)
			LIME 60% SHALE 40%
		24.00	

MUD DATA		
TIME		
MUD TYPE	FRESH	
WEIGHT	9.4	
VIS (SEC)	30	
PV/YP		
GELS		
WATER LOSS		
CAKE		
TS/LGS %		
HGS/SAND %		
MBT		
PH/ES	10	
PM		
PF/MF		
CL (PPM)	110,000	
CA (PPM)	2920	
CORR. SOLIDS	0.7	

HYDRAULICS	
AV DP	
AV DC	

[illegible]

BIT RECORD				
BIT # (#xxRR if re-run)	7			
SIZE	8 3/4			
MFG.	Hughes			
TYPE	VDG38CH			
IADC CODE				
SERIAL # (RR if re-run)	5213849			
DEPTH IN	9381			
DEPTH OUT				
JETS	3 x16s			
WOB (min   max)	15	55		
RPM (rot motor or min max)	60/123			
FOOTAGE (Daily   Cum)	452	1,890		
DRLG HOURS (Daily   Cum)	22.5	98.0		
ROP (Daily   Cum)	20.1	19.3		
Motor Circ. Hrs (Daily   Cum)	24.0	105.0		
Directional Bits:	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)	452	22.5	10,889	384.0
DIFF. PRESS. (min   max)				







# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/10/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	40,908	1,457,836
DEPTH (MD): 11,767	DAYS SINCE SPUD: 30	Mud	9,000	68,231
PROGRESS: 212	SUPERVISOR: SCOTTY BERGERON	(325) 280-3002		

PRESENT OPERATION: Drilling

<b>OPERATIONS</b>			
<b>FROM</b>	<b>TO</b>	<b>HRS</b>	<b>DETAILS</b>
6:00	9:30	3.50	Drlg f/ 11,555 - 11,577, wob 55, rpm 60R + 128M, 90 SPM (1), 2200 PSI + 50/250 diff, 6.2 FPH
9:30	10:00	0.50	Service rig
10:00	13:30	3.50	Drlg f/ 11,577 - 11,609, wob 55, rpm 50R + 128M, 90 SPM (1), 2200PSI + 50/200 Diff, 9.1 FPH
13:30	14:00	0.50	BOP Drill
14:00	6:00	16.00	Drlg f/ 11,609 - 11,767, wob 55, rpm 55R + 128M, 90 SPM (1), 2500PSI + 200 Diff, 9.8 FPH
		<b>24.00</b>	<b>Lithology: LIME 50%, SHALE 50%, Sand 0%</b>

MUD DATA		
TIME	16:00	5:30
MUD TYPE	SW GEL	SW Gel
WEIGHT	9.3	9.1
VIS (SEC)	36	40
PV/YP	4/12	
GELS	8/15	
WATER LOSS	NC	
CAKE	1/32	
TS/LGS %	5.0/0.0	
HGS/SAND %	0.0/0.0	
MBT		
PH/ES	10	10
PM	0.17	
PF/MF	0.18/0.20	
CL (PPM)	88,000	
CA (PPM)	2360	
CORR. SOLIDS	0.7	

HYDRAULICS	
AV DP	223
AV DC	309
AV DP (CSG)	212
ECD	9.32

MUD MIXED	
CL 9390	10 gal
C 202	22 gal
Caustic	15 sx
Paper	
Startch	135 sx
SW GEL	200 sx
New Cide	90 gal

BIT RECORD				
BIT # (#xxRR if re-run)	7			
SIZE	8 3/4			
MFG.	Hughes			
TYPE	VDG38CH			
IADC CODE				
SERIAL # (RR if re-run)	5213849			
DEPTH IN	9381			
DEPTH OUT				
JETS	3 x16s			
WOB (min   max)	55	55		
RPM (rot motor or min max)	55	128		
FOOTAGE (Daily   Cum)	212	2,386		
DRP (Daily   Cum)	23.0	143.5		
ROL (Daily   Cum)	9.2	16.6		
Motor Circ. Hrs (Daily   Cum)	23.0	151.5		
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)			10,889	384.0
DIFF. PRESS. (min   max)	50	290		

DRILL STRING	
Pick-up Wt	350
Rotating Wt	325
Slack-off Wt	315
Torque	

BIT GRADING								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
Motor Phoenix PXG0559 7/8 5.7 .25 RPG 8 5/8 STABILIZER								

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	BHA Buoy. Wt: 63,000		
Bit	1	1.00	8 3/4				4 1/2 REG			
Scout tool	1	14.06	7 1/8	1.63			4 1/2 REG X 4 1/2 XH	Wt. Below Jars:		
Double pin	1	1.03	6 1/2	2 5/8			4 1/2 XH			
MOTOR 8 5/8 STAB.	1	32.46	6 3/8				4 1/2 XH	Previous Casing		
IBS (8 5/8" blade OD)	1	5.31	6 1/2	2 1/4			4 1/2 XH	Size	13 3/8	9 5/8
NES tool	1	7.49	6 3/8	2 1/4			4 1/2 XH	Depth	378	5125
DC		30.20	6 1/4	2 1/4			4 1/2 XH	Weight	48	40
IBS (8 5/8" blade OD)		6.65	6 1/2	2 1/2			4 1/2 XH	Grade	H40	HCK-55
Drill collars	17	531.49	6 1/2	2 1/4			4 1/2 XH	Gas Record		
XO	1	2.98	6 1/2	2 1/4			4 1/2 XH X 4 1/2 IF	BG gas units	330	
HWDP	6	185.95	5				4 1/2 IF	Max gas units	505	
TOTAL BHA		818.62						Max gas depth	11668	
DRILL PIPE	347	10,900.65						Conn. gas	488	
Kelly Down		48.00						Trip gas	n/a	
TOTAL DEPTH		11,767.27								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2550	2250
PRESSURE (w/ max diff)	2600	2300
SPM	90	
LINER SIZE	7	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	4.916
OUTPUT (gpm)	513	0
SPR & PRESSURE	47/605	49/514
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	2	

[illegible]

Notes / Next 24 hrs:	DRLG, RIG SERVICE, DRLG, Circulate, TOH for logs
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/11/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	46,422	1,504,258
DEPTH (MD): 11,845	DAYS SINCE SPUD: 31	Mud	17,234	85,465
PROGRESS: 78	SUPERVISOR: SCOTTY BERGERON	(325) 280-3002		

PRESENT OPERATION:

## Build Volume

[illegible]

MUD DATA		
TIME	16:00	5:30
MUD TYPE	SW GEL	SW Gel
WEIGHT	9.3	9.1
VIS (SEC)	36	40
PV/YP	4/12	
GELS	8/15	
WATER LOSS	NC	
CAKE	1/32	
TS/LGS %	5.0/0.0	
HGS/SAND %	0.0/0.0	
MBT		
PH/ES	12	10
PM	0.17	
PF/MF	0.18/0.20	
CL (PPM)	88,000	
CA (PPM)	2360	
CORR. SOLIDS	0.7	

HYDRAULICS	
AV DP	223
AV DC	309
AV DP (CSG)	212
ECD	9.32

MUD MIXED	
CL 9390	
C 202	12 gal
Caustic	8 sx
Paper	
Startch	95 sx
SW GEL	190 sx
New Cide	40 gal
Drill Pac	18 sx
Mica	40 sx
Cedar Fiber	39 sx

BIT RECORD				
BIT # (#xxRR if re-run)	7			
SIZE	8 3/4			
MFG.	Hughes			
TYPE	VDG38CH			
IADC CODE				
SERIAL # (RR if re-run)	5213849			
DEPTH IN	9381			
DEPTH OUT	11845			
JETS	3 x16s			
WOB (min   max)	55	55		
RPM (rot motor or min max)	55	128		
FOOTAGE (Daily   Cum)	78	2,464		
DRLG HOURS (Daily   Cum)	6.0	149.5		
ROP (Daily   Cum)	13.0	16.5		
Motor Circ. Hrs (Daily   Cum)	20.0	171.5		
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)	50	290		

DRILL STRING	
Pick-up Wt	350
Rotating Wt	325
Slack-off Wt	315
Torque	

## BIT GRADING

Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled

Motor Phoenix PXG0559 7/8 5.7 .25 RPG 8 5/8 STABILIZER

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	BHA Buoy. Wt: 63,000 Wt. Below Jars:		
Bit	1	1.00	8 3/4				4 1/2 REG			
Scout tool	1	14.06	7 1/8	1.63			4 1/2 REG X 4 1/2 XH	Previous Casing		
Double pin	1	1.03	6 1/2	2 5/8			4 1/2 XH			
MOTOR 8 5/8 STAB.	1	32.46	6 3/8				4 1/2 XH	Size	13 3/8	9 5/8
IBS (8 5/8" blade OD)	1	5.31	6 1/2	2 1/4			4 1/2 XH	Depth	378	5125
NES tool	1	7.49	6 3/8	2 1/4			4 1/2 XH	Weight	48	40
DC		30.20	6 1/4	2 1/4			4 1/2 XH	Grade	H40	HCK-55
IBS (8 5/8" blade OD)		6.65	6 1/2	2 1/2			4 1/2 XH	Gas Record		
Drill collars	17	531.49	6 1/2	2 1/4			4 1/2 XH			
XO	1	2.98	6 1/2	2 1/4			4 1/2 XH X 4 1/2 IF	BG gas units	330	
HWDP	6	185.95	5				4 1/2 IF	Max gas units	505	
TOTAL BHA		818.62						Max gas depth	11668	
DRILL PIPE	347	10,995.85						Conn. gas	488	
Kelly Down		30.53						Trip gas	n/a	
TOTAL DEPTH		11,845.00								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2550	2250
PRESSURE (w/ max diff)	2600	2300
SPM	90	
LINER SIZE	7	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	4.916
OUTPUT (gpm)	513	0
SPR & PRESSURE	47/605	49/514
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	2	

[illegible]

Notes / Next 24 hrs:	DRLG, RIG SERVICE, DRLG, Circulate, TOH for logs
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**Endeavor Energy Resources, LP.**  
**DAILY DRILLING REPORT**

WELL: University 26-20 #1	DATE: 8/12/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	56,198	1,560,456
DEPTH (MD): 11,845	DAYS SINCE SPUD: 32	Mud	28,625	114,090
PROGRESS: TD	SUPERVISOR: SCOTTY BERGERON	(325) 280-3002		

PRESENT OPERATION:

### TOH for Logs

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	16:30	10.50	Build VOL and work pipe, started getting full returns - condition mud
16:30	17:00	0.50	TIH 9978 - 10250
17:00	19:00	2.00	Circulate condition mud
19:00	19:30	0.50	TIH 10250 - 10851
19:30	20:30	1.00	Circulate condition mud
20:30	21:30	1.00	TIH 10851 - 11324
21:30	22:30	1.00	Circulate condition mud
22:30	23:30	1.00	TIH 11324 - 11845
23:30	2:00	2.50	Circulate condition mud
2:00	6:00	4.00	TOH for logs 11845 - 6244 - Hole taking correct fill - no drag off BTM
		24.00	Lithology: LIME 50%, SHALE 50%, Sand 0%

MUD DATA		
TIME	16:00	5:30
MUD TYPE	SW GEL	SW Gel
WEIGHT	9.2	9.3
VIS (SEC)	36	34
PV/YP	5/6	
GELS	6/10	
WATER LOSS	10	
CAKE	1/32	
TS/LGS %	5.0/0.0	
HGS/SAND %	0.0/0.0	
MBT		
PH/ES	9.5	10
PM	0.1	
PF/MF	.1/2	
CL (PPM)	89,000	
CA (PPM)	1600	
CORR. SOLIDS	0.3	

HYDRAULICS	
AV DP	223
AV DC	309
AV DP (CSG)	212
ECD	9.32

MUD MIXED	
FW Gel	90 sx
C 202	
Caustic	3 sx
Paper	
Starch	100 sx
SW GEL	100 sx
New Cide	
Drill Pac	
Fiber Seal	20 sx
Cedar Fiber	20 sx
Nut Plug	20 sx
Soda Ash	15 sx

BIT RECORD				
BIT # (#xxRR if re-run)	7			
SIZE	8 3/4			
MFG.	Hughes			
TYPE	VDG38CH			
IADC CODE				
SERIAL # (RR if re-run)	5213849			
DEPTH IN	9381			
DEPTH OUT	11845			
JETS	3 x16s			
WOB (min   max)	55	55		
RPM (rot motor or min max)	55	128		
FOOTAGE (Daily   Cum)	78	2,464		
RDLG HOURS (Daily   Cum)	6.0	149.5		
RDP (Daily   Cum)	13.0	16.5		
Motor Circ. Hrs (Daily   Cum)	20.0	171.5		
Directional Bits:	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)	50	290		

DRILL STRING	
Pick-up Wt	350
Rotating Wt	325
Slack-off Wt	315
Torque	

## BIT GRADING

Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
Motor Phoenix PXG0559 7/8 5.7 .25 RPG 8 5/8 STABILIZER								

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	BHA Buoy. Wt: 63,000 Wt. Below Jars:		
Bit	1	1.00	8 3/4				4 1/2 REG			
Scout tool	1	14.06	7 1/8	1.63			4 1/2 REG X 4 1/2 XH			
Double pin	1	1.03	6 1/2	2 5/8			4 1/2 XH			
MOTOR 8 5/8 STAB.	1	32.46	6 3/8				4 1/2 XH	Previous Casing		
IBS (8 5/8" blade OD)	1	5.31	6 1/2	2 1/4			4 1/2 XH	Size	13 3/8	9 5/8
NES tool	1	7.49	6 3/8	2 1/4			4 1/2 XH	Depth	378	5125
DC		30.20	6 1/4	2 1/4			4 1/2 XH	Weight	48	40
IBS (8 5/8" blade OD)		6.65	6 1/2	2 1/2			4 1/2 XH	Grade	H40	HCK-55
Drill collars	17	531.49	6 1/2	2 1/4			4 1/2 XH	Gas Record		
XO	1	2.98	6 1/2	2 1/4			4 1/2 XH X 4 1/2 IF	BG gas units		330
HWDP	6	185.95	5				4 1/2 IF	Max gas units		505
TOTAL BHA		818.62						Max gas depth		11668
DRILL PIPE	347	10,995.85						Conn. gas		488
Kelly Down		30.53						Trip gas		n/a
TOTAL DEPTH		11,845.00								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)		
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	7	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	4.916
OUTPUT (gpm)	0	0
SPR & PRESSURE	47/605	49/514
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	2	

[illegible]

Notes / Next 24 hrs:	TOH for Logs, Log well
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/13/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	33,240	1,591,896
DEPTH (MD): 11,845	DAYS SINCE SPUD: 33	Mud	7,752	121,842
PROGRESS: TD	SUPERVISOR: SCOTTY BERGERON	(325) 280-3002		

PRESENT OPERATION:	Log Well
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OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	12:00	6.00	TOH for logs 6244 - 0
12:00	13:00	1.00	Service Rig
13:00	19:00	6.00	circulate back side with trip tank, wait on loggers - SLB truck broke down on way to rig
19:00	22:00	3.00	Safety meeting with SLB, and rig up the same
22:00	6:00	8.00	Log well with Pex-HRLA-ECS-CMR combo
			LOGGERS TD @ 11,840'
		24.00	Lithology: LIME 50%, SHALE 50%, Sand 0%

MUD DATA		
TIME	15:00	5:30
MUD TYPE	SW GEL	SW Gel
WEIGHT	9.4	9.4
VIS (SEC)	36	36
PV/YP	5/6	
GELS	6/10	
WATER LOSS	14	
CAKE	1/32	
TS/LGS %	5.0/0.0	
HGS/SAND %	0.0/0.0	
MBT		
PH/ES	9	9
PM	0.1	
PF/MF	.1/2	
CL (PPM)	88,000	
CA (PPM)	1600	
CORR. SOLIDS	0.2	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Startch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	7			
SIZE	8 3/4			
MFG.	Hughes			
TYPE	VDG38CH			
IADC CODE				
SERIAL # (RR if re-run)	5213849			
DEPTH IN	9381			
DEPTH OUT	11845			
JETS	3 x16s			
WOB (min   max)	55	55		
RPM (rot motor or min max)	55	128		
FOOTAGE (Daily   Cum)	78	2,464		
DRLG HOURS (Daily   Cum)	6.0	149.5		
ROP (Daily   Cum)	13.0	16.5		
Motor Circ. Hrs (Daily   Cum)	20.0	171.5		
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)	50	290		

DRILL STRING	
Pick-up Wt	350
Rotating Wt	325
Slack-off Wt	315
Torque	

BIT GRADING								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
7	6	7	BT	A	7	IN	CT, WT	TD
Motor Phoenix PXG0559 7/8 5.7 .25 RPG 8 5/8 STABILIZER								

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	BHA Buoy. Wt: 63,000  Wt. Below Jars:		
Bit	1	1.00	8 3/4				4 1/2 REG			
Scout tool	1	14.06	7 1/8	1.63			4 1/2 REG X 4 1/2 XH			
Double pin	1	1.03	6 1/2	2 5/8			4 1/2 XH	Previous Casing		
MOTOR 8 5/8 STAB.	1	32.46	6 3/8				4 1/2 XH	Size	13 3/8	9 5/8
IBS (8 5/8" blade OD)	1	5.31	6 1/2	2 1/4			4 1/2 XH	Depth	378	5125
NES tool	1	7.49	6 3/8	2 1/4			4 1/2 XH	Weight	48	40
DC		30.20	6 1/4	2 1/4			4 1/2 XH	Grade	H40	HCK-55
IBS (8 5/8" blade OD)		6.65	6 1/2	2 1/2			4 1/2 XH	Gas Record		
Drill collars	17	531.49	6 1/2	2 1/4			4 1/2 XH	BG gas units	330	
XO	1	2.98	6 1/2	2 1/4			4 1/2 XH X 4 1/2 IF	Max gas units	505	
HWDP	6	185.95	5				4 1/2 IF	Max gas depth	11668	
TOTAL BHA		818.62						Conn. gas	488	
DRILL PIPE	347	10,995.85						Trip gas	n/a	
Kelly Down		30.53								
TOTAL DEPTH		11,845.00								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)		
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	7	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	4.916
OUTPUT (gpm)	0	0
SPR & PRESSURE	47/605	49/514
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	2	

[illegible]

Notes / Next 24 hrs:	Log well, TIH slick, Circ, LDDP
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/14/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	86,358	1,664,754
DEPTH (MD): 11,845	DAYS SINCE SPUD: 34	Mud	0	121,842
PROGRESS: TD	SUPERVISOR: SCOTTY BERGERON	(325) 280-3002		

PRESENT OPERATION: Log Well

<b>OPERATIONS</b>			
<b>FROM</b>	<b>TO</b>	<b>HRS</b>	<b>DETAILS</b>
6:00	12:30	6.50	Log well
12:30	14:00	1.50	RDMO SLB loggers
14:00	21:00	7.00	TIH fill every 30 stands 0' - 9,846'
21:00	0:30	3.50	Circulate bottoms up
0:30	1:00	0.50	TIH 9,846' - 10,787'
1:00	3:00	2.00	Circulate bottoms up
3:00	3:30	0.50	TIH 10,787' - 11,845'
3:30	6:00	2.50	Circulate bottoms up
		<b>24.00</b>	<b>Lithology: LIME 50%, SHALE 50%, Sand 0%</b>

MUD DATA		
TIME	15:00	5:30
MUD TYPE	SW GEL	SW Gel
WEIGHT	9.4	9.4
VIS (SEC)	36	36
PV/YP	5/6	
GELS	6/10	
WATER LOSS	14	
CAKE	1/32	
TS/LGS %	5.0/0.0	
HGS/SAND %	0.0/0.0	
MBT		
PH/ES	9	9
PM	0.1	
PF/MF	.1/2	
CL (PPM)	88,000	
CA (PPM)	1600	
CORR. SOLIDS	0.2	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Startch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	7			
SIZE	8 3/4			
MFG.	Hughes			
TYPE	VDG38CH			
IADC CODE				
SERIAL # (RR if re-run)	5213849			
DEPTH IN	9381			
DEPTH OUT	11845			
JETS	3 x16s			
WOB (min   max)	55	55		
RPM (rot motor or min max)	55	128		
FOOTAGE (Daily   Cum)	78	2,464		
DRP (Daily   Cum)	6.0	149.5		
ROL (Daily   Cum)	13.0	16.5		
Motor Circ. Hrs (Daily   Cum)	20.0	171.5		
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)	50	290		

DRILL STRING	
Pick-up Wt	350
Rotating Wt	325
Slack-off Wt	315
Torque	

BIT GRADING								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
7	6	7	BT	A	7	IN	CT, WT	TD
Motor Phoenix PXG0559 7/8 5.7 .25 RPG 8 5/8 STABILIZER								

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	BHA Buoy. Wt: 63,000 Wt. Below Jars:		
Bit	1	1.00	8 3/4				4 1/2 REG			
Scout tool	1	14.06	7 1/8	1.63			4 1/2 REG X 4 1/2 XH			
Double pin	1	1.03	6 1/2	2 5/8			4 1/2 XH	Previous Casing		
MOTOR 8 5/8 STAB.	1	32.46	6 3/8				4 1/2 XH	Size	13 3/8	9 5/8
IBS (8 5/8" blade OD)	1	5.31	6 1/2	2 1/4			4 1/2 XH	Depth	378	5125
NES tool	1	7.49	6 3/8	2 1/4			4 1/2 XH	Weight	48	40
DC		30.20	6 1/4	2 1/4			4 1/2 XH	Grade	H40	HCK-55
IBS (8 5/8" blade OD)		6.65	6 1/2	2 1/2			4 1/2 XH	Gas Record		
Drill collars	17	531.49	6 1/2	2 1/4			4 1/2 XH	BG gas units	330	
XO	1	2.98	6 1/2	2 1/4			4 1/2 XH X 4 1/2 IF	Max gas units	505	
HWDP	6	185.95	5				4 1/2 IF	Max gas depth	11668	
TOTAL BHA		818.62						Conn. gas	488	
DRILL PIPE	347	10,995.85						Trip gas	n/a	
Kelly Down		30.53								
TOTAL DEPTH		11,845.00								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)		
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	7	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	5.701	4.916
OUTPUT (gpm)	0	0
SPR & PRESSURE	47/605	49/514
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	2	

[illegible]

Notes / Next 24 hrs:	Circ bottoms up, TOH 10 stands, MIRU LD truck, LDDP, MIRU casing crew, run casing
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/15/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	21,863	1,686,615
DEPTH (MD): 11,845	DAYS SINCE SPUD: 35	Mud	0	121,842
PROGRESS: TD	SUPERVISOR: SCOTTY BERGERON	(325) 280-3002		

PRESENT OPERATION: Log Well

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	7:00	1.00	TOH 10 Stands
7:00	8:30	1.50	Circ - MIRU L/D truck
8:30	18:30	10.00	LDDP
18:30	23:00	4.50	TIH 10 stands DP - LDDP and BHA
23:00	23:30	0.50	Remove Wear bushing
23:30	2:00	2.50	Safety metting with casing crew, L/D crew, Turn torque, and rig up the same
2:00	6:00	4.00	Run 7" casing - FS, 2 JT casing, FC, Casing
		24.00	Lithology: LIME 50%, SHALE 50%, Sand 0%

MUD DATA		
TIME	15:00	5:30
MUD TYPE	SW GEL	SW Gel
WEIGHT	9.4	9.4
VIS (SEC)	36	36
PV/YP	5/6	
GELS	6/10	
WATER LOSS	14	
CAKE	1/32	
TS/LGS %	5.0/0.0	
HGS/SAND %	0.0/0.0	
MBT		
PH/ES	9	9
PM	0.1	
PF/MF	.1/2	
CL (PPM)	88,000	
CA (PPM)	1600	
CORR. SOLIDS	0.2	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Startch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	7			
SIZE	8 3/4			
MFG.	Hughes			
TYPE	VDG38CH			
IADC CODE				
SERIAL # (RR if re-run)	5213849			
DEPTH IN	9381			
DEPTH OUT	11845			
JETS	3 x16s			
WOB (min   max)	55	55		
RPM (rot motor or min max)	55	128		
FOOTAGE (Daily   Cum)	78	2,464		
DRLG HOURS (Daily   Cum)	6.0	149.5		
ROP (Daily   Cum)	13.0	16.5		
Motor Circ. Hrs (Daily   Cum)	20.0	171.5		
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)	50	290		

DRILL STRING	
Pick-up Wt	350
Rotating Wt	325
Slack-off Wt	315
Torque	

BIT GRADING								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
7	6	7	BT	A	7	IN	CT, WT	TD
Motor Phoenix PXG0559 7/8 5.7 .25 RPG 8 5/8 STABILIZER								

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	BHA Buoy. Wt: 63,000 Wt. Below Jars:		
Bit	1	1.00	8 3/4				4 1/2 REG			
Scout tool	1	14.06	7 1/8	1.63			4 1/2 REG X 4 1/2 XH	Previous Casing		
Double pin	1	1.03	6 1/2	2 5/8			4 1/2 XH			
MOTOR 8 5/8 STAB.	1	32.46	6 3/8				4 1/2 XH	Size	13 3/8	9 5/8
IBS (8 5/8" blade OD)	1	5.31	6 1/2	2 1/4			4 1/2 XH	Depth	378	5125
NES tool	1	7.49	6 3/8	2 1/4			4 1/2 XH	Weight	48	40
DC		30.20	6 1/4	2 1/4			4 1/2 XH	Grade	H40	HCK-55
IBS (8 5/8" blade OD)		6.65	6 1/2	2 1/2			4 1/2 XH	Gas Record		
Drill collars	17	531.49	6 1/2	2 1/4			4 1/2 XH	BG gas units	330	
XO	1	2.98	6 1/2	2 1/4			4 1/2 XH X 4 1/2 IF	Max gas units	505	
HWDP	6	185.95	5				4 1/2 IF	Max gas depth	11668	
TOTAL BHA		818.62						Conn. gas	488	
DRILL PIPE	347	10,995.85						Trip gas	n/a	
Kelly Down		30.53								
TOTAL DEPTH		11,845.00								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)		
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	5	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	4.916
OUTPUT (gpm)	0	0
SPR & PRESSURE	47/605	49/514
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	2	

[illegible]

Notes / Next 24 hrs:	Run casing, circ, MIRU SLB CMT, CMT caising, NDBOPE, Set Slips and cut casing, NUBOPE
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/16/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	58,643	1,745,258
DEPTH (MD): 11,845	DAYS SINCE SPUD: 36	Mud	0	121,842
PROGRESS: TD	SUPERVISOR: AUDIE MILLER	817-304-0186		

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	20:00	14.00	RUN 7" 29# CASING TAGGED BOTTOM @ 11845' SET @ 11844
20:00	22:00	2.00	CIRC. R/D CASING CREW & L/D MACHINE
22:00	2:30	4.50	WORK ON & WAIT ON PUMP TRUCK
2:30	5:30	3.00	R/U PUMP CEMENT PLUG DOWN @ 5:20 AM 500 PSI OVER FLOAT HELD
5:30	6:00	0.50	R/D CEMENTERS
			RAN 298 JTS 29# 7" CASING 11848' SET @ 11844' 1 FS, 1 FC, 2 SR, 36 CENT.
			C/W 350 SX 35/65/6 POZ LEAD    650 SX 50/50/2 POZ TAIL
			PLUG DOWN @ 5:20 AM 500 PSI OVER FLOAT HELD OK    HAD RETURNS THRU OUT JOB
		24.00	Lithology: LIME 0%, SHALE 0%, Sand 0%

MUD DATA		
TIME	15:00	5:30
MUD TYPE	SW GEL	SW Gel
WEIGHT	9.4	9.4
VIS (SEC)	36	36
PV/YP	5/6	
GELS	6/10	
WATER LOSS	14	
CAKE	1/32	
TS/LGS %	5.0/0.0	
HGS/SAND %	0.0/0.0	
MBT		
PH/ES	9	9
PM	0.1	
PF/MF	.1/2	
CL (PPM)	88,000	
CA (PPM)	1600	
CORR. SOLIDS	0.2	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Startch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	7			
SIZE	8 3/4			
MFG.	Hughes			
TYPE	VDG38CH			
IADC CODE				
SERIAL # (RR if re-run)	5213849			
DEPTH IN	9381			
DEPTH OUT	11845			
JETS	3 x16s			
WOB (min   max)	55	55		
RPM (rot motor or min max)	55	128		
FOOTAGE (Daily   Cum)	78	2,464		
DRP HOURS (Daily   Cum)	6.0	149.5		
ROLG (Daily   Cum)	13.0	16.5		
Motor Circ. Hrs (Daily   Cum)	20.0	171.5		
Directional Bits:	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)	50	290		

DRILL STRING	
Pick-up Wt	350
Rotating Wt	325
Slack-off Wt	315
Torque	

<b>BIT GRADING</b>								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled
7	6	7	BT	A	7	IN	CT, WT	TD
Motor Phoenix PXG0559 7/8 5.7 .25 RPG 8 5/8 STABILIZER								

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	BHA Buoy. Wt: 63,000  Wt. Below Jars:		
Bit	1	1.00	8 3/4				4 1/2 REG			
Scout tool	1	14.06	7 1/8	1.63			4 1/2 REG X 4 1/2 XH			
Double pin	1	1.03	6 1/2	2 5/8			4 1/2 XH	Previous Casing		
MOTOR 8 5/8 STAB.	1	32.46	6 3/8				4 1/2 XH			
IBS (8 5/8" blade OD)	1	5.31	6 1/2	2 1/4			4 1/2 XH			
NES tool	1	7.49	6 3/8	2 1/4			4 1/2 XH	Size	13 3/8	9 5/8
DC		30.20	6 1/4	2 1/4			4 1/2 XH	Depth	378	5125
IBS (8 5/8" blade OD)		6.65	6 1/2	2 1/2			4 1/2 XH	Weight	48	40
Drill collars	17	531.49	6 1/2	2 1/4			4 1/2 XH	Grade	H40	HCK-55
XO	1	2.98	6 1/2	2 1/4			4 1/2 XH X 4 1/2 IF	Gas Record		
HWDP	6	185.95	5				4 1/2 IF			
TOTAL BHA		818.62								
DRILL PIPE	347	10,995.85						BG gas units	330	
Kelly Down		30.53						Max gas units	505	
TOTAL DEPTH		11,845.00						Max gas depth	11668	
								Conn. gas	488	
								Trip gas	n/a	

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)		
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	5	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	4.916
OUTPUT (gpm)	0	0
SPR & PRESSURE	47/605	49/514
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	2	

[illegible]

Notes / Next 24 hrs:	N/U ON C SECTION & TEST BOP JET & CLEAN PITS
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/17/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	31,105	1,776,363
DEPTH (MD): 11,845	DAYS SINCE SPUD: 37	Mud	0	121,842
PROGRESS: TD	SUPERVISOR: AUDIE MILLER	817-304-0186		

PRESENT OPERATION:

## NIPPLE UP

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	16:00	10.00	CHANGE PIPE RAMS & JET & CLEAN PITS
16:00	22:00	6.00	N/D SET SLIPS W/310,000# ON SLIPS
22:00	1:00	3.00	N/U C SECTION TEST TO 1500#
1:00	4:30	3.50	N/U & TEST BOP ETC.
4:30	6:00	1.50	HOOK UP & WELD FLOW LINE, CENTER STACK
		24.00	Lithology: LIME 0%, SHALE 0%, Sand 0%

MUD DATA		
TIME		
MUD TYPE		
WEIGHT		
VIS (SEC)		
PV/YP		
GELS		
WATER LOSS		
CAKE		
TS/LGS %		
HGS/SAND %		
MBT		
PH/ES		
PM		
PF/MF		
CL (PPM)		
CA (PPM)		
CORR. SOLIDS		

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Startch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)				
RPM (rot motor or min max)				
FOOTAGE (Daily   Cum)				
DRLG HOURS (Daily   Cum)				
ROP (Daily   Cum)				
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	
Rotating Wt	
Slack-off Wt	
Torque	

## BIT GRADING

Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)			
Bit	1							BHA Buoy. Wt: 63,000 Wt. Below Jars:		
								Previous Casing		
								Size	9 5/8	7
								Depth	5,125	11844
								Weight	40	29
								Grade	HCK-55	P-110
								Gas Record		
								BG gas units	330	
								Max gas units	505	
TOTAL BHA								Max gas depth	11668	
								Conn. gas	488	
								Trip gas	n/a	
TOTAL DEPTH		#NAME?								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)		
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	5	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	4.916
OUTPUT (gpm)	0	0
SPR & PRESSURE	47/605	49/514
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	2	

[illegible]

Notes / Next 24 hrs:	P/U & MU BHA & DRILL PIPE



# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/18/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	27,016	1,803,379
DEPTH (MD): 11,845	DAYS SINCE SPUD: 38	Mud	680	122,522
PROGRESS: TD	SUPERVISOR: AUDIE MILLER	817-304-0186		

PRESENT OPERATION: P/U SLIM HOLE STRING

<b>OPERATIONS</b>			
<b>FROM</b>	<b>TO</b>	<b>HRS</b>	<b>DETAILS</b>
6:00	11:00	5.00	CHANGE OUT KELLYS
11:00	13:00	2.00	CENTER & SECURE BOP STACK (SERVICE RIG)
13:00	20:30	7.50	P/U & M/U 6 1/8 BHA (BHA WT.50,000)
20:30	22:30	2.00	TEST TELEDRIFT REPAIR FLOW LINE LEAKS
22:30	3:30	5.00	P/U 3 1/2 DP (114 jts 13.30# G)
3:30	5:30	2.00	CIRC. LOAD RACKS & STRAP
5:30	6:00	0.50	P/U 3 1/2 DP (106 jts 15.50# X)
		<b>24.00</b>	<b>Lithology: LIME 0%, SHALE 0%, Sand 0%</b>

MUD DATA		
TIME		
MUD TYPE		
WEIGHT		
VIS (SEC)		
PV/YP		
GELS		
WATER LOSS		
CAKE		
TS/LGS %		
HGS/SAND %		
MBT		
PH/ES		
PM		
PF/MF		
CL (PPM)		
CA (PPM)		
CORR. SOLIDS		

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Startch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)				
RPM (rot motor or min max)				
FOOTAGE (Daily   Cum)				
DRLG HOURS (Daily   Cum)				
ROP (Daily   Cum)				
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	
Rotating Wt	
Slack-off Wt	
Torque	

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	BHA Buoy. Wt: 63,000 Wt. Below Jars:		
Bit	1	0.50	6 1/8				3 1/2 IF			
TORQ BUSTER	1	1.95	4 3/4	2 1/4	47		3 1/2 IF			
3 pt ROLLER REAMER 1/8 UNDE	1	6.02	4 3/4		47		3 1/2 IF	Previous Casing		
TELEDRIFT	1	9.97	5"		47		3 1/2 IF	Size	9 5/8	7
IBS 1/8 UNDER	1	5.92	4 3/4	2 1/4	47		3 1/2 IF	Depth	5,125	11844
DC	1	30.91	4 3/4	2 1/4	47		3 1/2	Weight	40	29
IBS 1/8 UNDER	1	5.67	4 3/4	2 1/4	47		3 1/2 IF	Grade	HCK-55	P-110
DCs	32	968.32	4 3/4	2 1/4	47		3 1/2 IF	Gas Record		
DP G	114	3,611.94	4 3/4	2 1/2	13.3	G	3 1/2 IF	BG gas units	330	
DP X								Max gas units	505	
								Max gas depth	11668	
								Conn. gas	488	
								Trip gas	n/a	
TOTAL DEPTH		4,687.20								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)		
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	5	6.5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	4.916
OUTPUT (gpm)	0	0
SPR & PRESSURE	47/605	49/514
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	P/U & MU DRILL PIPE



PRESENT OPERATION: DRLG CEMENT

MUD DATA			HYDRAULICS			BIT RECORD				
TIME	6:00		AV DP			BIT # (#xxRR if re-run)	8			
MUD TYPE	POLY		AV DC			SIZE	6 1/8			
WEIGHT	10.5		AV DP (CSG)			MFG.	ULTERRA			
VIS (SEC)	34		ECD			TYPE	MD 513			
PV/YP	3/6					IADC CODE				
GELS	2/4					SERIAL # (RR if re-run)	S5965			
WATER LOSS	14					DEPTH IN	11845			
CAKE	1					DEPTH OUT				
TS/LGS %						JETS	5X16s			
HGS/SAND %						WOB (min   max)				
						RPM (rot motor or min max)				
						FOOTAGE (Daily   Cum)				
MBT						DRLG HOURS (Daily   Cum)				
PH/ES	10					ROP (Daily   Cum)				
PM						Motor Circ. Hrs (Daily   Cum)				
PF/MF	.3/.5					Directional Bits:	Cum	Daily	Cum	Cum
CL (PPM)	146,000					SLIDING (footage   hrs)				
CA (PPM)	2460					ROTATING (footage   hrs)				
CORR. SOLIDS	0.16					DIFF. PRESS. (min   max)				

[illegible]

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2100	
PRESSURE (w/ max diff)		
SPM	75	
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	218	0
SPR & PRESSURE		
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	DRILL NEW 6 1/8 HOLE
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/20/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	34,231	1,867,293
DEPTH (MD): 12,315	DAYS SINCE SPUD: 40	Mud	8,448	130,970
PROGRESS: 470'	SUPERVISOR: AUDIE MILLER	817-304-0186		

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	9:00	3.00	DRLG CEMENT
9:00	14:30	5.50	DRLG F/11845 T/11972 WOB 10/15 ROT. 55 GPM 218 SPP 18OO ROP 23
14:30	16:00	1.50	SERVICE RIG & L/D 2 BAD JTS
16:00	18:00	2.00	DRLG F/11972 T/12033 WOB 15 ROT. 55 GPM 262 SPP 21OO ROP 30.5
18:00	6:00	12.00	DRLG F/12033 T/12315 WOB 15/20 ROT. 55 GPM 262 SPP 21OO ROP 23.5
		24.00	Lithology: LIME 20%, SHALE 80%, Sand 0%

MUD DATA		
TIME	4:00	
MUD TYPE	POLY	
WEIGHT	10.1	
VIS (SEC)	39	
PV/YP	5/8	
GELS	2/6	
WATER LOSS	7.3	
CAKE	1	
TS/LGS %	12/3.1	
HGS/SAND %		
MBT		
PH/ES	10	
PM		
PF/MF	.3/5	
CL (PPM)	148,000	
CA (PPM)	2460	
CORR. SOLIDS	3.32	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Startch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)	470	470		
DRLOG HOURS (Daily   Cum)	19.5	19.5		
RDP (Daily   Cum)	24.1	24.1		
Motor Circ. Hrs (Daily   Cum)				
Directional Bits:	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				



# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/21/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	52,129	1,919,422
DEPTH (MD): 12,830	DAYS SINCE SPUD: 41	Mud	4,971	135,941
PROGRESS: 515	SUPERVISOR: AUDIE MILLER	817-304-0186		
PRESENT OPERATION:		DRLG @ 22.9' P/H		

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	11:00	5.00	DRLG F/12315 T/12404 WOB 15/20 ROT. 55 GPM 262 SPP 210O ROP 17.8
11:00	11:30	0.50	BOP DRILL SLOW PUMP RATE #1 50/625 #2 50/600
11:30	15:00	3.50	DRLG F/12404 T/12492 WOB 15/20 ROT. 55 GPM 262 SPP 220O ROP 25.1
15:00	15:30	0.50	SERVICE RIG
15:30	19:30	4.00	DRLG F/12492 T/12612 WOB 15/20 ROT. 55 GPM 262 SPP 220O ROP 30
19:30	20:00	0.50	BOP DRILL SLOW PUMP RATE #1 41/600 #2 44/600
20:00	6:00	10.00	DRLG F/12612 T/12830 WOB 15/20 ROT. 55 GPM 262 SPP 240O ROP 21.8
		24.00	Lithology: LIME 50%, SHALE 400%, Sand 0%, CHERT 10%

MUD DATA		
TIME	4:00	
MUD TYPE	POLY	
WEIGHT	10.5	
VIS (SEC)	43	
PV/YP	12/16	
GELS	6/11	
WATER LOSS	8.3	
CAKE	1	
TS/LGS %	14/4	
HGS/SAND %		
MBT		
PH/ES	9.5	
PM		
PF/MF	.3/5	
CL (PPM)	153,000	
CA (PPM)	2640	
CORR. SOLIDS	5.2	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Starch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)	515	985		
DRLG HOURS (Daily   Cum)	22.5	42.0		
RPM (Daily   Cum)	22.9	23.5		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	222
Rotating Wt	220
Slack-off Wt	215
Torque	350

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	45		
Bit	1	0.50	6 1/8				3 1/2 IF	BHA Buoy. Wt: 50,000		
TORQ BUSTER	1	1.95	4 3/4	2 1/4	47		3 1/2 IF	Wt. Below Jars:		
3 pt ROLLER REAMER 1/8 UNDE	1	6.02	4 3/4		47		3 1/2 IF			
TELEDRIFT	1	9.97	5"		47		3 1/2 IF	Previous Casing		
IBS 1/8 UNDER	1	5.92	4 3/4	2 1/4	47		3 1/2 IF	Size	9 5/8	7
DC	1	30.91	4 3/4	2 1/4	47		3 1/2	Depth	5,125	11844
IBS 1/8 UNDER	1	5.67	4 3/4	2 1/4	47		3 1/2 IF	Weight	40	29
DCs (1029.26)	32	968.32	4 3/4	2 1/4	47		3 1/2 IF	Grade	HCK-55	P-110
DP G	114	3,611.94	4 3/4	2 1/2	13.3	G	3 1/2 IF	Gas Record		
DP X	106	3,373.13	4 3/4	2 1/2	15.5	X-95	3 1/2 IF	BG gas units		348
DP S	157	4,794.09	4 3/4	2 1/2	15.5	S	3 1/2 IF	Max gas units		444
TOTAL BHA								Max gas depth		12759
								Conn. gas		567
KELLY		22.00						Trip gas		n/a
TOTAL DEPTH		12,830.42								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2100
PRESSURE (w/ max diff)		
SPM	90	90
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	262	262
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	DRILL NEW 6 1/8 HOLE
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/23/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	71,143	2,346,277
DEPTH (MD): 12,916	DAYS SINCE SPUD: 43	Mud	38,362	150,093
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		

PRESENT OPERATION: WT. UP PITS TO 17.5

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	16:00	10.00	CIRC. BUILD WT. IN PITS TO 15# SICIP BUILT TO 710#
16:00	18:00	2.00	BULL HEAD IN 54 bbl SICIP 3500#
18:00	20:00	2.00	MONITER BACKSIDE SICIP BUILT TO 4400#
20:00	1:30	5.50	BLEW DOWN IN 5 MIN. RECOVERED 5 bbl W/2 gal. OIL ROLLED IN 2bbl SICIP 3100# BUILT TO 4920#
1:30	3:30	2.00	BULLHEAD W/RISING STAR TO 5900# W/3 bbl
3:30	4:00	0.50	BLEW DOWN IN 4 MIN. RECOVERED 3 bbl MUD ROLLED IN 10 bbl SICIP TO 5900#
4:00	6:00	2.00	SICIP 4900# BEGAIN PUMPING @ .5 bbl P/M 5300# FELL TO 1800# 4bbl P/M @ 370bbl
			SHUT DOWN W/ 1500# STATIC BLEW DOWN & PUT ON FLOW LINE W/ 2bbl p/m FLOW
			SHUT IN W/ 400# IN 15 MIN
		24.00	Lithology: LIME 0%, SHALE 0%, Sand 0%, CHERT 0%

MUD DATA		
TIME	4:00	
MUD TYPE	POLY	
WEIGHT	15	
VIS (SEC)	54	
PV/YP	19/33	
GELS	11/19	
WATER LOSS	7.3	
CAKE	1	
TS/LGS %	29/1.9	
HGS/SAND %		
MBT		
PH/ES	9	
PM		
PF/MF	.25/5	
CL (PPM)	148,000	
CA (PPM)	2400	
CORR. SOLIDS	22	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Startch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROP (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				





# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/24/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	88,002	2,434,279
DEPTH (MD): 12,916	DAYS SINCE SPUD: 44	Mud	42,766	192,859
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		

PRESENT OPERATION: MONITER WELL

<b>OPERATIONS</b>			
<b>FROM</b>	<b>TO</b>	<b>HRS</b>	<b>DETAILS</b>
6:00	7:00	1.00	CHECK FLOW & MONITER WELL
7:00	0:00	17.00	WT. UP PITS TO 17.5
0:00	1:30	1.50	BLOW DOWN & BULLHEAD W/ RIG TO 3000# 13bbI
1:30	3:00	1.50	BULLHEAD W/RISING STAR 4500# TO 1600# 230bbI
3:00	3:30	0.50	BULLHEAD W/RIG 1600# TO 600# 120bbI
3:30	4:30	1.00	MONITER SICP @ 600#
4:30	5:00	0.50	ATTEMPT TO BLOW DOWN GOT 5bbI FLUID SHUT IN
5:00	6:00	1.00	MONITER WELL
		<b>24.00</b>	<b>Lithology: LIME 0%, SHALE 0%, Sand 0%, CHERT 0%</b>

MUD DATA		
TIME	22:00	
MUD TYPE	POLY	
WEIGHT	17.5	
VIS (SEC)	72	
PV/YP	22/50	
GELS	17/29	
WATER LOSS	8	
CAKE	1	
TS/LGS %	38/2	
HGS/SAND %		
MBT		
PH/ES	9	
PM		
PF/MF	.25/5	
CL (PPM)	145,000	
CA (PPM)	2460	
CORR. SOLIDS	32.02	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Startch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROP (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				



# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/25/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	52,792	2,487,070
DEPTH (MD): 12,916	DAYS SINCE SPUD: 45	Mud	31,609	224,468
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		

PRESENT OPERATION:	BULL HEAD DOWN BACKSIDE
--------------------	-------------------------

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	7:00	1.00	MONITER PRESSURES
7:00	8:00	1.00	PUMP DOWN DRILL PIPE SPP 700 SICIP 100
8:00	9:30	1.50	INSTALL ROT HEAD ATTEMPT TO SCREW IN
9:30	17:00	7.50	MONITER PRESSURES BUILD MUD
17:00	18:00	1.00	PUMP DOWN DRILL PIPE LOAD BACKSIDE W/19lb MUD @ 3700" 143bbi
18:00	20:00	2.00	CLOSE CHOCK & BULLHEAD 162bbi 19# & 70bbi OF 17#
20:00	0:00	4.00	MONITER PRESS. BUILD PREMIX TO 19# (CALLED FOR PERF. TRUCK)
0:00	1:00	1.00	BULLHEAD 275bbi 19# THRU KELLY
1:00	5:00	4.00	MONITER PRESS. BUILD PREMIX TO 19#
5:00	6:00	1.00	BULLHEAD 275bbi 19# THRU BACKSIDE
			AFTER BULLHEAD STABED IN FISH HAD 800# AND GAS @ KELLY IMMEDIATLEY
		24.00	Lithology: LIME 0%, SHALE 0%, Sand 0%, CHERT 0%

MUD DATA		
TIME	16:00	
MUD TYPE	POLY	
WEIGHT	17.5	
VIS (SEC)	74	
PV/YP	21/55	
GELS	18/32	
WATER LOSS	7	
CAKE	1	
TS/LGS %	39/4.2	
HGS/SAND %		
MBT		
PH/ES	8	
PM		
PF/MF	.25/5	
CL (PPM)	143,000	
CA (PPM)	2460	
CORR. SOLIDS	33.21	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Starch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROL (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	222
Rotating Wt	215
Slack-off Wt	210
Torque	350

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5		
Bit	1	0.50	6 1/8				3 1/2 IF	BHA Buoy. Wt: 50,000		
TORQ BUSTER	1	1.95	4 3/4	2 1/4	47		3 1/2 IF	Wt. Below Jars:		
3 pt ROLLER REAMER 1/8 UNDE	1	6.02	4 3/4		47		3 1/2 IF			
TELEDRIIFT	1	9.97	5"		47		3 1/2 IF	Previous Casing		
IBS 1/8 UNDER	1	5.92	4 3/4	2 1/4	47		3 1/2 IF	Size	9 5/8	7
DC	1	30.91	4 3/4	2 1/4	47		3 1/2	Depth	5,125	11844
IBS 1/8 UNDER	1	5.67	4 3/4	2 1/4	47		3 1/2 IF	Weight	40	29
DCs (1029.26)	32	968.32	4 3/4	2 1/4	47		3 1/2 IF	Grade	HCK-55	P-110
DP G	114	3,611.94	4 3/4	2 1/2	13.3	G	3 1/2 IF	Gas Record		
DP X	106	3,373.13	4 3/4	2 1/2	15.5	X-95	3 1/2 IF	BG gas units		348
DP S	157	4,794.09	4 3/4	2 1/2	15.5	S	3 1/2 IF	Max gas units		444
TOTAL BHA								Max gas depth		12759
								Conn. gas		567
KELLY		22.00						Trip gas		n/a
TOTAL DEPTH		12,830.42								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM	90	90
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	262	262
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	



**Endeavor Energy Resources, LP.**  
**DAILY DRILLING REPORT**

WELL: University 26-20 #1	DATE: 8/26/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	137,837	2,624,907
DEPTH (MD): 12,916	DAYS SINCE SPUD: 46	Mud	89,499	313,967
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		

PRESENT OPERATION:

**BUILD 17.5# MUD**

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	7:30	1.50	BULLHEAD DOWN DRILL PIPE SETTING IN FISH SPP 1750 SICP 0
7:30	18:00	10.50	MONITER PRESSURES BUILD MUD TO 17.5
18:00	21:00	3.00	PUMP DOWN DRILL PIPE CIRC. THRU CHOKE ( LOSING SOME FLUID & DUMPING RETURNS TO RESERVE)
21:00	22:00	1.00	WENT FLOW LINE RAN OUT OF FLUID WELL FLOWING SHUT IN MONITER PRESS.
22:00	6:00	8.00	MONITER PRESSURES BUILD MUD TO 17.5
			WE WHERE GETTING 12# MUD BACK WHEN WE SHUT DOWN
			WELL WAS FLOWING 1/4 BBL P/M
			ORDERED 1500 BBL PREMIXED MUD TOP OFF PITS & FILL FRAC TANKS
		24.00	Lithology: LIME 0%, SHALE 0%, Sand 0%, CHERT 0%

MUD DATA		
TIME	16:00	
MUD TYPE	POLY	
WEIGHT	17.5	
VIS (SEC)	74	
PV/YP	20/58	
GELS	18/32	
WATER LOSS	7	
CAKE	1	
TS/LGS %	39/3.1	
HGS/SAND %		
MBT		
PH/ES	8	
PM		
PF/MF	.25/.5	
CL (PPM)	170,000	
CA (PPM)	3280	
CORR. SOLIDS	31.97	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Startch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG Hours (Daily   Cum)		46.5		
ROP (Hourly   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
Directional Bits:	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	222
Rotating Wt	215
Slack-off Wt	210
Torque	350

## BIT GRADING

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5		
Bit	1	0.50	6 1/8				3 1/2 IF	BHA Buoy. Wt:		
TORQ BUSTER	1	1.95	4 3/4	2 1/4	47		3 1/2 IF	50,000		
3 pt ROLLER REAMER 1/8 UNDE	1	6.02	4 3/4		47		3 1/2 IF	Wt. Below Jars:		
TELEDRIFT	1	9.97	5"		47		3 1/2 IF	Previous Casing		
IBS 1/8 UNDER	1	5.92	4 3/4	2 1/4	47		3 1/2 IF	Size	9 5/8	7
DC	1	30.91	4 3/4	2 1/4	47		3 1/2	Depth	5,125	11844
IBS 1/8 UNDER	1	5.67	4 3/4	2 1/4	47		3 1/2 IF	Weight	40	29
DCs (1029.26)	32	968.32	4 3/4	2 1/4	47		3 1/2 IF	Grade	HCK-55	P-110
DP G	114	3,611.94	4 3/4	2 1/2	13.3	G	3 1/2 IF	Gas Record		
DP X	106	3,373.13	4 3/4	2 1/2	15.5	X-95	3 1/2 IF	BG gas units		348
DP S	157	4,794.09	4 3/4	2 1/2	15.5	S	3 1/2 IF	Max gas units		444
TOTAL BHA								Max gas depth		12759
								Conn. gas		567
KELLY		22.00						Trip gas		n/a
TOTAL DEPTH		12,830.42								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM	90	90
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2,909	2,909
OUTPUT (gpm)	262	262
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	
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**Endeavor Energy Resources, LP.**  
**DAILY DRILLING REPORT**

WELL: University 26-20 #1	DATE: 8/28/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	172,192	2,946,390
DEPTH (MD): 12,916	DAYS SINCE SPUD: 48	Mud	109,211	532,786
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		
PRESENT OPERATION:		MONITER PRESS.		

## OPERATIONS

FROM	TO	HRS	DETAILS
6:00	18:30	12.50	MONITER SICP 1720# BUILT TO 3500#
18:30	19:30	1.00	BLOW DOWN TO 50# WELL FLOWING APROX. 5bbI P/M
19:30	20:00	0.50	OPEN PIPE RAMS PULL VALVE ABOVE FLOOR
20:00	20:30	0.50	SHUT IN WORK ON VALVE BETWEEN PUMPS SICP 400# IN 30 MIN.
20:30	21:30	1.00	BULLHEAD 400bbI DOWN BACKSIDE & KELLY. SHUT DOWN SPP 70# SICP 50#
21:30	6:00	8.50	MONITER SICP & BUILD MUD BEGAINING SPP70# SICP 50# 6 AM SPP 1460# SICP 1580#
		24.00	Lithology: LIME 0%, SHALE 0%, Sand 0%, CHERT 0%

MUD DATA		
TIME	15:00	
MUD TYPE	POLY	
WEIGHT	18	
VIS (SEC)	78	
PV/YP	28/60	
GELS	19/35	
WATER LOSS	9	
CAKE	1	
TS/LGS %	40/1.3	
HGS/SAND %		
MBT		
PH/ES	8	
PM		
PF/MF	.30/5	
CL (PPM)	173,000	
CA (PPM)	3280	
CORR. SOLIDS	32.94	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Starch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # ( <i>##xRR if re-run</i> )	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # ( <i>RR if re-run</i> )	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRPG (Hours   Daily   Cum)		46.5		
ROL (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

## BIT GRADING

DRILL STRING	
Pick-up Wt	222
Rotating Wt	215
Slack-off Wt	210
Torque	350

Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled

[illegible]

<b>MUD PUMPS</b>	<b>1</b>	<b>2</b>
Pump Make	MAXIMUM	MAXIMUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM	90	90
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	262	262
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	MONITER WELL PREPARE FOR SNUBING UNIT
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/30/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	27,608	2,999,316
DEPTH (MD): 12,916	DAYS SINCE SPUD: 50	Mud	0	532,786
PROGRESS:	SUPERVISOR: <b>Scotty Bergeron</b>	(325) 280-3002		

PRESENT OPERATION: \_\_\_\_\_ MONITER PRESS.

<b>OPERATIONS</b>			
<b>FROM</b>	<b>TO</b>	<b>HRS</b>	<b>DETAILS</b>
6:00	10:30	4.50	Monitor SICP
10:30	12:00	1.50	Close TIW, bleed SPP off surface lines, flush fresh water through pump
12:00	13:00	1.00	eqlize PSI between DP and surface lines @3,000 PSI - Open TIW - pump 35 BBLS fresh water down DP
13:00	14:30	1.50	Rig up Baker wireline truck
14:30	15:30	1.00	Attempt to run wireline down string - couldn't get tools to fall
15:30	18:00	2.50	Blow down hole from 3,200 PSI to 0 PSI
18:00	19:30	1.50	SIW - bull head down back side - started at 200 SICP and built to 1,200 PSI before taking fluid,
19:30	19:30	0.00	after 450 BBLS 17.5 PPG mud kick out pump had 0 SICP.
19:30	2:00	6.50	Trip tank on hole took 150 BBLS to catch loses - After that hole was staic with pump circ on back side
2:00	2:00	0.00	Circ back side and moniter well for loses - hole stayed staic
2:00	5:30	3.50	TOH - with trip tank on back side running the whole time - well taking more than cal to stay full
5:30	6:00	0.50	Started flowing out top of DP with 16 stands out - SIW and moniter SICP 350 PSI
		<b>24.00</b>	<b>Lithology: LIME 0%, SHALE 0%, Sand 0%, CHERT 0%</b>

MUD DATA		
TIME	15:00	
MUD TYPE	POLY	
WEIGHT	16.2	
VIS (SEC)	78	
PV/YP	28/60	
GELS	19/35	
WATER LOSS	9	
CAKE	1	
TS/LGS %	40/1.3	
HGS/SAND %		
MBT		
PH/ES	8	
PM		
PF/MF	.30/5	
CL (PPM)	173,000	
CA (PPM)	3280	
CORR. SOLIDS	32.94	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Startch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROP (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				



# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 8/31/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	239,183	3,210,891
DEPTH (MD): 12,916	DAYS SINCE SPUD: 51	Mud	184,243	717,029
PROGRESS:	SUPERVISOR: <b>Scotty Bergeron</b>	(325) 280-3002		

PRESENT OPERATION: \_\_\_\_\_ MONITER PRESS.

<b>OPERATIONS</b>			
<b>FROM</b>	<b>TO</b>	<b>HRS</b>	<b>DETAILS</b>
6:00	7:00	1.00	Bullhead 136 BBLS down casing, swab went out on pump - SWI 350 SICP
7:00	13:30	6.50	Build mud wt in pits to 17.5 PPG
13:30	15:30	2.00	Bullhead 300 BBLS 17.5 PPG mud down casing, built to 800 psi then stated dropping to 150 PSI ISICP
15:30	16:30	1.00	Open choke bled well down to 0 PSI - open well monitor for flow - No flow - Losing 1 BPH with trip tank on hole
16:30	18:30	2.00	TOH - 32 stands in derrick to get to fish - puts top of fish at 2,996'
18:30	23:30	5.00	Continue filling hole with trip tank (>1BPM loses) while loading pipe racks with DC and DP, and MIRU LD truck
23:30	1:30	2.00	Well went staic - MU Mill, Bit sub, float sub, and 1 - DC, well started flowing at 1:30 - SIW ISICP 50 PSI
1:30	6:00	4.50	Monitor PSI, build 17.5 PPG mud in Pre-mix, and bring system mud up .5 PPG, SICP at report 250 PSI
		<b>24.00</b>	<b>Lithology: LIME 0%, SHALE 0%, Sand 0%, CHERT 0%</b>

MUD DATA		
TIME	15:00	
MUD TYPE	POLY	
WEIGHT	17.5	
VIS (SEC)	70	
PV/YP	19/57	
GELS	14/28	
WATER LOSS	11	
CAKE	1	
TS/LGS %	39/3.1	
HGS/SAND %	28.9/0.0	
MBT		
PH/ES	8	
PM		
PF/MF	0.2/0.4	
CL (PPM)	168,000	
CA (PPM)	2680	
CORR. SOLIDS	32.06	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Startch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROP (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				





# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 9/1/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	300,271	3,411,412
DEPTH (MD): 12,916	DAYS SINCE SPUD: 52	Mud	85,596	802,625
PROGRESS:	SUPERVISOR: <b>Scotty Bergeron</b>	(325) 280-3002		
PRESENT OPERATION:	<b>MONITER PRESS.</b>			

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	7:00	1.00	Monitor PSI, build 17.5 PPG mud in Pre-mix, and bring system mud up .5 PPG, SICP 400 PSI
7:00	18:00	11.00	Repair rig - Work on pump, stand pipe valve, Iron roughneck, Mud mixing pump
18:00	19:30	1.50	Blow down back side (SICP 500 psi) 5 mins - Bullheaded 315 BBLS 17.5 PPG mud SICP 0
19:30	1:30	6.00	TIH with fishing tools - Tag top of fish @ 2967'
1:30	6:00	4.50	Mill on fish - made 6" in the first 10 min, 3" since then
		24.00	Lithology: LIME 0%, SHALE 0%, Sand 0%, CHERT 0%

MUD DATA		
TIME	14:30	
MUD TYPE	POLY	
WEIGHT	17.2	
VIS (SEC)	69	
PV/YP	69/19	
GELS	14/27	
WATER LOSS	12	
CAKE	1	
TS/LGS %	38/3.4	
HGS/SAND %	27.7/0.0	
MBT		
PH/ES	8	
PM		
PF/MF	0.2/0.4	
CL (PPM)	165,000	
CA (PPM)	2460	
CORR. SOLIDS	31.09	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
FW Gel	
C 202	
Caustic	
Paper	
Startch	
SW GEL	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROP (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
Directional Bits:	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	222
Rotating Wt	215
Slack-off Wt	210
Torque	350

<b><u>BIT GRADING</u></b>								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5 BHA Buoy. Wt: 50,000 Wt. Below Jars:		
Mill	1	2.47					3 1/2 IF			
Bit sub	1	2.00					3 1/2 IF			
Float sub	1	1.65					3 1/2 IF			
DC	1	29.29					3 1/2 IF	Previous Casing		
IBS	1	5.61					3 1/2 IF	Size	9 5/8	7
DC's	8	239.82					3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
Total BHA		280.84					3 1/2 IF	Grade	HCK-55	P-110
							3 1/2 IF	Gas Record		
							3 1/2 IF	BG gas units		348
DP S	85	2,654.63	4 3/4	2 1/2	15.5	S	3 1/2 IF	Max gas units		444
								Max gas depth		12759
								Conn. gas		567
KELLY		34.00						Trip gas		n/a
TOTAL DEPTH		2,969.47								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM	90	90
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	262	262
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	Mill on fish, TOH, TIH with overshot fishing tools, latch onto fish, attempt to circ through string, kill well, TOH with fish
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 9/2/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	116,131	3,527,543
DEPTH (MD): 12,916	DAYS SINCE SPUD: 53	Mud	94,250	896,875
PROGRESS:	SUPERVISOR: <b>Scotty Bergeron</b>	(325) 280-3002		

PRESENT OPERATION: Mill on fish

[illegible]

MUD DATA		
TIME	15:00	
MUD TYPE	POLY	
WEIGHT	16.8	
VIS (SEC)	65	
PV/YP	17/55	
GELS	13/25	
WATER LOSS	11	
CAKE	1	
TS/LGS %	36/2.3	
HGS/SAND %	26.6/0.0	
MBT		
PH/ES	9	
PM		
PF/MF	0.2/0.5	
CL (PPM)	163,000	
CA (PPM)	2640	
CORR. SOLIDS	28.96	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	5 gal
C 202	
Caustic	
New zan	14 sx
Startch	
No foam	5 gal
New Cide	1 gal
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROP (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
Directional Bits:	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	222
Rotating Wt	215
Slack-off Wt	210
Torque	350

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5 BHA Buoy. Wt: 50,000 Wt. Below Jars:		
Mill	1	2.47					3 1/2 IF			
Bit sub	1	2.00					3 1/2 IF			
Float sub	1	1.65					3 1/2 IF			
DC	1	29.29					3 1/2 IF	Previous Casing		
IBS	1	5.61					3 1/2 IF	Size	9 5/8	7
DC's	8	239.82					3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
Total BHA		280.84					3 1/2 IF	Grade	HCK-55	P-110
							3 1/2 IF	Gas Record		
							3 1/2 IF	BG gas units		348
DP S	85	2,654.63	4 3/4	2 1/2	15.5	S	3 1/2 IF	Max gas units		444
								Max gas depth		12759
								Conn. gas		567
KELLY		34.00						Trip gas		n/a
TOTAL DEPTH		2,969.47								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM	90	90
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	262	262
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	Mill on fish, TOH, TIH with overshot fishing tools, latch onto fish, attempt to circ through string, kill well, TOH with fish
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 9/3/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	179,598	3,707,141
DEPTH (MD): 12,916	DAYS SINCE SPUD: 54	Mud	157,717	1,054,592
PROGRESS:	SUPERVISOR: <b>Scotty Bergeron</b>	(325) 280-3002		

PRESENT OPERATION: Mill on fish

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	8:00	2.00	Mill on fish with 16.3 PPG in 15.4 PPG out - Losses 20-40 BPH 50 SPM (145 GPM)
8:00	11:00	3.00	SIW , moniter SICP, build mud to bullhead with (SICP 180)
11:00	13:00	2.00	Bullhead 300 BBLS 17.5 PPG mud down drill string, took 800 PSI to start taking mud, Kick out pump 0 SICP
13:00	17:00	4.00	TOH filling back side with 16.8 mud (took 20-40 BBLS every 5 stands - trip tank running constant)
17:00	19:30	2.50	Change mill - TIH with new mill
19:30	6:00	10.50	Mill on fish with 16.3 PPG in 15.4 PPG out - Losses 10-15 BPH 50 SPM (145 GPM)
			Made 2-3" with mill 9/2/12 - 9/3/12 Total of just over 1' milled
		24.00	Lithology: LIME 0%, SHALE 0%, Sand 0%, CHERT 0%

MUD DATA		
TIME	17:00	
MUD TYPE	POLY	
WEIGHT	16.8	
VIS (SEC)	67	
PV/YP	19/52	
GELS	14/27	
WATER LOSS	12	
CAKE	1	
TS/LGS %	36/2.2	
HGS/SAND %	26.6/0.0	
MBT		
PH/ES	9	
PM		
PF/MF	0.2/0.5	
CL (PPM)	165,000	
CA (PPM)	3260	
CORR. SOLIDS	28.87	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	2 gal
C 202	
Caustic	
New zan	16 sx
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROP (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				







# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 9/5/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	69,251	3,917,748
DEPTH (MD): 12,916	DAYS SINCE SPUD: 56	Mud	46,435	1,220,797
PROGRESS:	SUPERVISOR: <b>Scotty Bergeron</b>	(325) 280-3002		

PRESENT OPERATION:	Unload fishing tools and strap
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OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	19:30	13.50	Mill on fish with 16.5 PPG in 15.4 PPG out - Losses 5-10 BPH - 60 SPM (175 GPM), 50 Rotary - 91 motor
19:30	20:00	0.50	Bullhead 100 BBLS 17.5 PPG mud
20:00	21:30	1.50	TOH filling back side with 16.5 mud (took 20-40 BBLS every 5 stands - trip tank running constant)
21:30	0:00	2.50	L/D motor and mill, MURIH with Spear and BHA
0:00	1:30	1.50	TIH to TOF
1:30	2:30	1.00	Stab spear, pick up to 270K on fish and hold, string stuck, release spear
2:30	3:30	1.00	Bullhead 130 BBLS 17.5 PPG mud
3:30	5:30	2.00	TOH filling back side with 16.5 mud (took 5-10 BBLS every 5 stands - trip tank running constant)
5:30	6:00	0.50	Close Blind rams, open choke, circ back side via rig pump, and wait on fishing tools
			NOTE: Mill run with motor didn't mill off any of the fish
			NOTE: fishing tools showed up right at 6:00
		24.00	Lithology: LIME 0%, SHALE 0%, Sand 0%, CHERT 0%

MUD DATA		
TIME	14:30	
MUD TYPE	POLY	
WEIGHT	16.4	
VIS (SEC)	65	
PV/YP	22/43	
GELS	13/23	
WATER LOSS	12	
CAKE	1	
TS/LGS %	35/3.3	
HGS/SAND %	24./0.0	
OIL	2	
MBT		
PH/ES	9	
PM		
PF/MF	0.3/0.5	
CL (PPM)	161,000	
CA (PPM)	3160	
CORR. SOLIDS	28.17	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	15 gal
C 202	10 gal
CL 9390	10 gal
New zan	
Startch	
No foam	
New Cide	15 gal
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROP (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	222
Rotating Wt	215
Slack-off Wt	210
Torque	350

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5 BHA Buoy. Wt: 50,000 Wt. Below Jars:		
Mill	1	3.44					3 1/2 IF			
Motor (0.52 rev/gal)	1	25.10					3 1/2 IF			
IBS	1	5.61					3 1/2 IF			
DC	9	269.11					3 1/2 IF			
							3 1/2 IF	Size	9 5/8	7
							3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
<b>Total BHA</b>		303.26					3 1/2 IF	Grade	HCK-55	P-110
							3 1/2 IF	<b>Gas Record</b>		
							3 1/2 IF	BG gas units		348
DP S	85	2,654.63	4 3/4	2 1/2	15.5	S	3 1/2 IF	Max gas units		444
								Max gas depth		12759
								Conn. gas		567
KELLY		11.00						Trip gas		n/a
TOTAL DEPTH		2,968.89								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM	60	
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	175	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	TIH with box tap, Screw into fish, Back off blow box tap, TOH with fish, TIH with screw-in sub, screw into fish
Attempt to circ, if no cic, back off fish at free point to circ bottoms up, screw back in, back off fish lower, circ bottoms up	



**Endeavor Energy Resources, LP.**  
**DAILY DRILLING REPORT**

WELL: University 26-20 #1	DATE: 9/6/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	86,247	4,003,995
DEPTH (MD): 12,916	DAYS SINCE SPUD: 57	Mud	63,966	1,284,763
PROGRESS:	SUPERVISOR: <b>Scotty Bergeron</b>	(325) 280-3002		

PRESENT OPERATION:

### TIH with fishing tools

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	9:00	3.00	MURIH with fishing tools, DC's, and DP to TOF
9:00	12:30	3.50	Circulate, wait on wire line truck operator
12:30	13:30	1.00	Rig up shieve's for Wire line
13:30	14:30	1.00	Screw on to Fish
14:30	18:00	3.50	SIW, rig up Baker packoff and WL equipment
18:00	19:30	1.50	RIH with back off unit, Back off pipe at 3,625' WL depth
19:30	20:30	1.00	Rig down baker WL truck
20:30	22:00	1.50	Circulate bottoms up, Bullhead 100 BBLS of 17.5 PPG mud (400 psi to get well to start taking mud)
22:00	5:00	7.00	TOH with fish, fill back side with 16.5 PPG mud, L/D 21 JT's of pipe under box tap, TOF 3,618'
5:00	6:00	1.00	TIH with Screw-in sub, LBS, and DP
		24.00	Lithology: LIME 0%, SHALE 0%, Sand 0%, CHERT 0%

MUD DATA		
TIME	14:30	
MUD TYPE	POLY	
WEIGHT	16.5	
VIS (SEC)	65	
PV/YP	21/43	
GELS	12/20	
WATER LOSS	13	
CAKE	1	
TS/LGS %	36/4.8	
HGS/SAND %	24.6/0.0	
OIL	2	
MBT		
PH/ES	8.5	
PM		
PF/MF	0.2/0.5	
CL (PPM)	158,000	
CA (PPM)	3460	
CORR. SOLIDS	29.42	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	10 gal
C 202	10 gal
CL 9390	10 gal
New zan	
Startch	
No foam	
New Cide	10 gal
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG Hours (Daily   Cum)		46.5		
ROP (Hourly   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
Directional Bits:	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	222
Rotating Wt	215
Slack-off Wt	210
Torque	350

## BIT GRADING

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs): 49.5		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	BHA Buoy. Wt: 50,000		
Mill	1	3.44					3 1/2 IF	Wt. Below Jars:		
Motor (0.52 rev/gal)	1	25.10					3 1/2 IF			
IBS	1	5.61					3 1/2 IF			
DC	9	269.11					3 1/2 IF	Previous Casing		
							3 1/2 IF	Size	9 5/8	7
							3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
Total BHA		303.26					3 1/2 IF	Grade	HCK-55	P-110
							3 1/2 IF	Gas Record		
							3 1/2 IF	BG gas units		348
DP S	85	2,654.63	4 3/4	2 1/2	15.5	S	3 1/2 IF	Max gas units		444
								Max gas depth		12759
								Conn. gas		567
KELLY		11.00						Trip gas		n/a
TOTAL DEPTH		2,968.89								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM	60	
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	175	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	TIH with screw-in sub and LBS, Screw into TOF, attempt to circ, if can't circ, Free point - backoff at free point, Circulate, screw back into string, work way down string backing off pipe to circulate
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 9/7/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	207,839	4,211,834
DEPTH (MD): 12,916	DAYS SINCE SPUD: 58	Mud	168,529	1,453,292
PROGRESS:	SUPERVISOR: <b>Scotty Bergeron</b>	(325) 280-3002		

PRESENT OPERATION: Circ condition hole

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	8:00	2.00	TIH with screw-in sub, LBS, and DP out of derrick (28 stands)
8:00	9:30	1.50	Strap DP and circ bottoms up
9:30	11:00	1.50	TIH with 10 jts of DP off pipe racks
11:00	12:00	1.00	Pick up kelly and circ bottoms up
12:00	13:30	1.50	TIH with 19 jts DP off pipe racks
13:30	16:00	2.50	Pick up kelly and MU mouse hole conn. Wash to top of fish
16:00	17:00	1.00	Screw into fish, attempt to break circ (no injection), Work pipe
17:00	18:30	1.50	Rig up baker WL truck
18:30	23:00	4.50	Free point fish - Found pipe to be free at 11,952 - Drill string packed off at 12,648'
23:00	1:00	2.00	R/D free point, MU string shot
1:00	3:00	2.00	Work pipe, Back out fish at 12,072', Left 844' fish in hole - bit, torque buster, 3pt RR, Teledrift, IBS, DC, IBS,
3:00	3:00	0.00	26 - DC's
3:00	4:00	1.00	RD baker WL truck
4:00	6:00	2.00	Circulate condition mud monitor well, Started with 1,100 PSI SICP 1,750 SPP with 14% choke, at 467 BBLs
			started getting full returns, no flare, choke 100% open
		24.00	Lithology: LIME 0%, SHALE 0%, Sand 0%, CHERT 0%

MUD DATA		
TIME	14:30	
MUD TYPE	POLY	
WEIGHT	16.5	
VIS (SEC)	64	
PV/YP	21/44	
GELS	12/19	
WATER LOSS	12	
CAKE	1	
TS/LGS %	35.5/3.7	
HGS/SAND %	25.2/0.0	
OIL	2.5	
MBT		
PH/ES	8	
PM		
PF/MF	0.2/0.4	
CL (PPM)	159,000	
CA (PPM)	3640	
CORR. SOLIDS	28.87	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROP (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				



# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 9/8/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	117,513	4,329,347
DEPTH (MD): 12,916	DAYS SINCE SPUD: 59	Mud	95,232	1,548,524
PROGRESS:	SUPERVISOR: <b>Scotty Bergeron</b>	(325) 280-3002		

PRESENT OPERATION: Circ condition hole

[illegible]

MUD DATA		
TIME	14:30	
MUD TYPE	POLY	
WEIGHT	16.3	
VIS (SEC)	62	
PV/YP	22/40	
GELS	11/18	
WATER LOSS	11	
CAKE	1	
TS/LGS %	34.5/3.0	
HGS/SAND %	24.8/0.0	
OIL	3.5	
MBT		
PH/ES	9	
PM		
PF/MF	0.3/0.5	
CL (PPM)	160,000	
CA (PPM)	3460	
CORR. SOLIDS	27.83	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROP (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	222
Rotating Wt	215
Slack-off Wt	210
Torque	350

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5		
Mill	1	3.44					3 1/2 IF	BHA Buoy. Wt:		
Motor (0.52 rev/gal)	1	25.10					3 1/2 IF	50,000		
IBS	1	5.61					3 1/2 IF	Wt. Below Jars:		
DC	9	269.11					3 1/2 IF	Previous Casing		
							3 1/2 IF	Size	9 5/8	7
							3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
<b>Total BHA</b>		303.26					3 1/2 IF	Grade	HCK-55	P-110
							3 1/2 IF	Gas Record		
							3 1/2 IF	BG gas units	348	
DP S	85	2,654.63	4 3/4	2 1/2	15.5	S	3 1/2 IF	Max gas units	444	
								Max gas depth	12759	
								Conn. gas	567	
KELLY		11.00						Trip gas	n/a	
<b>TOTAL DEPTH</b>		2,968.89								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM	60	
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	175	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	kick out pump moniter flow, TOH with fish, L/D all DP below screw-in sub with welder heating them before BRK
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PRESENT OPERATION: Circ condition hole

NOTE: See BHA & Drill String Tally for proposed Fishing assembly on next run  
NOTE: Will be limited by maximum Jar action (90K) so plan to run DP in hole just like we will for DRLG  
NOTE: remaning fish - bit, torque buster, 3PT RR, Teledrift, IBS, DC, IBS, 26-DC's total of 848' Rig tally  
TOF 12,072' WL depth

BIT GRADING								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled

Previous Casing		
Size	9 5/8	7
Depth	5,125	11844
Weight	40	29
Grade	HCK-55	P-110

[illegible]

Notes / Next 24 hrs:	L/D DP and DC's, TIH with 38 Stands of DP, TOH stand up DP on Left side of board, TIH L/D 1 stand at a time with 32 Bad stands of DP in derrick heating up every BRK, MURIH with Fishing assembly, Circ, Screw-into fish, make spud run, free point
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 9/10/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	150,128	4,638,404
DEPTH (MD): 12,916	DAYS SINCE SPUD: 61	Mud	55,847	1,694,099
PROGRESS:	SUPERVISOR: <b>Scotty Bergeron</b>	(325) 280-3002		

PRESENT OPERATION:	Getting ready to TIH with fishing tools
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OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	8:00	2.00	Wait on welder to get here with new bottles
8:00	10:30	2.50	L/D DP heating every tool JT with torch 2,026' - 0'
10:30	11:30	1.00	TIH 5 stands of DP
11:30	14:30	3.00	Ran into COM - back lashed Drilling line - Respool Line, Has kink in line will need to snake new
14:30	16:30	2.00	TIH 32 stands of DP
16:30	19:00	2.50	TOH standing up DP on DS of board
19:00	6:00	11.00	TIH 1 stand at a time, BRK down each stand with welder and L/D
			<b>NOTE: Finished L/D last stand in derrick at 6:00 this morning</b>
			<b>NOTE: See BHA &amp; Drill String Tally for proposed Fishing assembly on next run</b>
			<b>NOTE: Will be limited by maximum Jar action (90K) so plan to run DP in hole just like we will for DRLG</b>
			<b>NOTE: remaning fish - bit, torque buster, 3PT RR, Teledrift, IBS, DC, IBS, 26-DC's total of 848' Rig tally</b>
			<b>TOF 12,072' WL depth</b>
		<b>24.00</b>	

MUD DATA		
TIME	14:30	
MUD TYPE	POLY	
WEIGHT	16.2	
VIS (SEC)	62	
PV/YP	23/36	
GELS	11/15	
WATER LOSS	11	
CAKE	1	
TS/LGS %	34.5/3.6	
HGS/SAND %	24.0/0.0	
OIL	3.5	
MBT		
PH/ES	9	
PM		
PF/MF	0.3/0.5	
CL (PPM)	164,000	
CA (PPM)	3460	
CORR. SOLIDS	27.64	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROP (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	222
Rotating Wt	215
Slack-off Wt	210
Torque	350

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5		
Screw-in sub	1						3 1/2 IF	BHA Buoy. Wt:		
LBS	1						3 1/2 IF	50,000		
Jars	1						3 1/2 IF	Wt. Below Jars:		
DC	9						3 1/2 IF	Previous Casing		
Acc	1						3 1/2 IF	Size	9 5/8	7
							3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
							3 1/2 IF	Grade	HCK-55	P-110
<b>Total BHA</b>		280.00					3 1/2 IF	Gas Record		
							3 1/2 IF			
DP	30	900.00	4 3/4	2 1/2	13.3	G-105	3 1/2 IF	BG gas units		348
DP	182	5,460.00	4 3/4	2 1/2	15.5	X-95	3 1/2 IF	Max gas units		444
DP	181	5,430.00	4 3/4	2 1/2	15.5	S-135	3 1/2 IF	Max gas depth		12759
								Conn. gas		567
KELLY		2.00						Trip gas		n/a
TOTAL DEPTH		12,072.00								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM	60	
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	175	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	TIH with fishing tools - Loading DP as we go, Circulate cond mud, Snake new DRLG line, Screw into fish, Free point, back off at lowest point, circ, screw into fish, work fish
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 9/11/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	42,181	4,680,585
DEPTH (MD): 12,916	DAYS SINCE SPUD: 62	Mud	900	1,694,999
PROGRESS:	SUPERVISOR: <b>Scotty Bergeron</b>	(325) 280-3002		

PRESENT OPERATION:	TIH with fishing tools
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OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	9:00	3.00	Load pipe on pipe racks, PU fishing tools
9:00	9:30	0.50	MURIH with fishing tools and DC's 0' - 307'
9:30	17:00	7.50	TIH with DP with L/D truck (133 JT's) 307' - 4,523'
17:00	18:30	1.50	Circulate condition hole, load more pipe on pipe racks
18:30	1:30	7.00	TIH with DP off pipe racks 4,523' - 8,446'
1:30	2:30	1.00	Circulate condition hole, RDMO Express L/D truck
2:30	5:00	2.50	Hang blocks and slip Drlg Line
5:00	6:00	1.00	TIH with DP out of Derrick 8,446' - 10,032'
			<b>NOTE: See BHA &amp; Drill String Tally for proposed Fishing assembly on next run</b>
			<b>NOTE: Will be limited by maximum Jar action (90K) so plan to run DP in hole just like we will for DRLG</b>
			<b>NOTE: remaning fish - bit, torque buster, 3PT RR, Teledrift, IBS, DC, IBS, 26-DC's total of 848' Rig tally</b>
			<b>TOF 12,072' WL depth</b>
		<b>24.00</b>	

MUD DATA		
TIME	14:30	
MUD TYPE	POLY	
WEIGHT	16.2	
VIS (SEC)	61	
PV/YP	24/33	
GELS	12/17	
WATER LOSS	18	
CAKE	1	
TS/LGS %	34.5/3.7	
HGS/SAND %	24.0/0.0	
OIL	3.5	
MBT		
PH/ES	9	
PM		
PF/MF	0.3/0.5	
CL (PPM)	162,000	
CA (PPM)	3460	
CORR. SOLIDS	27.73	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROL (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	222
Rotating Wt	215
Slack-off Wt	210
Torque	350

<b><u>BIT GRADING</u></b>								
Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5		
Screw-in sub	1						3 1/2 IF	BHA Buoy. Wt:		
LBS	1						3 1/2 IF	50,000		
Jars	1						3 1/2 IF	Wt. Below Jars:		
DC	9						3 1/2 IF	Previous Casing		
Acc	1						3 1/2 IF	Size	9 5/8	7
							3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
							3 1/2 IF	Grade	HCK-55	P-110
<b>Total BHA</b>		280.00					3 1/2 IF	<b>Gas Record</b>		
							3 1/2 IF			
DP	30	900.00	4 3/4	2 1/2	13.3	G-105	3 1/2 IF	BG gas units		348
DP	182	5,460.00	4 3/4	2 1/2	15.5	X-95	3 1/2 IF	Max gas units		444
DP	181	5,430.00	4 3/4	2 1/2	15.5	S-135	3 1/2 IF	Max gas depth		12759
								Conn. gas		567
KELLY		2.00						Trip gas		n/a
TOTAL DEPTH		12,072.00								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM	60	
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	175	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	TIH with fishing tools, Circulate bottoms up, screw into fish, free point fish, Back off, circulate bottoms up, screw into fish, work fish, TOH with fish
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PRESENT OPERATION:			TIH with fishing tools
OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	7:30	1.50	TIH with DP out of Derrick 10,032' - 12,013'
7:30	8:30	1.00	install rotating head and PU 2 jt DP with kelly to tag fish at 12,072'
8:30	12:30	4.00	circulate and condition mud, started with 16.0 PPG, lost 65 BBLS, lowered wt to 15 PPG, well only losing 5 BPH
12:30	13:30	1.00	kick out pump and monitor flow on trip tank, gained back 56.2 BBLS before went static
13:30	14:00	0.50	Screw into fish and work pipe
14:00	18:00	4.00	RURIH with Baker WL truck - sinker bar run tagged at 12,714'
18:00	21:00	3.00	Run Free point with Baker WL truck - free point @ 12,618 80%
21:00	23:30	2.50	Pull free point - change to string shot - Run in hole
23:30	4:30	5.00	Problem with Baker 3 1/2IF X 4 1/2 XH XO, won't make up, SIW monitor SICP while waiting on new sub.
4:30	4:30	0.00	ISICP 400 PSI - End with 500 PSI
4:30	6:00	1.50	Install new sub - run string shot to bottom
			NOTE: See BHA & Drill String Tally for proposed Fishing assembly on next run
			NOTE: Will be limited by maximum Jar action (90K) so plan to run DP in hole just like we will for DRLG
			NOTE: remaining fish - bit, torque buster, 3PT RR, Teledrift, IBS, DC, IBS, 26-DC's total of 848' Rig tally
			TOF 12,072' WL depth
		24.00	

DRILL STRING	
Pick-up Wt	222
Rotating Wt	215
Slack-off Wt	210
Torque	350

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	0	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

Notes / Next 24 hrs:	Back off string, RD Barker WL truck, Back out of fish, pick up and circ condition hole, raise WT to 15.5 in system screw back into fish, work fish, TOH with fish, L/D BHA
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 9/13/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	50,747	4,778,919
DEPTH (MD): 12,916	DAYS SINCE SPUD: 64	Mud	28,107	1,727,412
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		

PRESENT OPERATION:

R/U WIRE LIN TRUCK

[illegible]

MUD DATA		
TIME	15:00	
MUD TYPE	POLY	
WEIGHT	15.5	
VIS (SEC)	57	
PV/YP	24/30	
GELS	10/17	
WATER LOSS	11	
CAKE	1	
TS/LGS %	31.4/2.5	
HGS/SAND %	21.8/0.0	
OIL	3.6	
MBT		
PH/ES	9	
PM		
PF/MF	.4/.8	
CL (PPM)	162,000	
CA (PPM)	3460	
CORR. SOLIDS	24.3	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROP (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	222
Rotating Wt	215
Slack-off Wt	210
Torque	350

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5		
Screw-in sub	1						3 1/2 IF	BHA Buoy. Wt:		
LBS	1						3 1/2 IF	50,000		
Jars	1						3 1/2 IF	Wt. Below Jars:		
DC	9						3 1/2 IF	Previous Casing		
Acc	1						3 1/2 IF	Size	9 5/8	7
							3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
							3 1/2 IF	Grade	HCK-55	P-110
							3 1/2 IF	Gas Record		
							3 1/2 IF	BG gas units		348
DP	30	900.00	4 3/4	2 1/2	13.3	G-105	3 1/2 IF	Max gas units		444
DP	182	5,460.00	4 3/4	2 1/2	15.5	X-95	3 1/2 IF	Max gas depth		12759
DP	181	5,430.00	4 3/4	2 1/2	15.5	S-135	3 1/2 IF	Conn. gas		567
KELLY		2.00						Trip gas		n/a
TOTAL DEPTH		12,072.00								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	0	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	BACK OFF, TOO, P/U NEW JARS, TIH, SCREW IN & JAR
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 9/14/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	79,988	4,858,907
DEPTH (MD): 12,916	DAYS SINCE SPUD: 65	Mud	57,257	1,784,669
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		

PRESENT OPERATION:	CIRC.CONDITION MUD
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OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	10:00	4.00	R/U WIRE LINE TRUCK & RUN WAIT BAR TAGGED @ 12672'
10:00	13:30	3.50	RUN STRING SHOT BACK OFF @ 12634' SICIP 1400psi
13:30	14:30	1.00	R/D WIRE LINE TRUCK
14:30	16:30	2.00	P/U KELLY CIRC. OUT GAS THRU CHOKE @ 75 STK P/M SPP 2850 SICIP 1800 DOWN TO 0 IN 80 MIN
16:30	1:00	8.50	CIRC CONDITION MUD BUILD WT F/ 15.5 T/ 15.8 (NO FLAME)
1:00	1:30	0.50	PUT ON TRIP TANK HOLE STATIC (HAD 15.8 IN 15.7 OUT)
1:30	6:00	4.50	CIRC. CONDITION MUD BUILD PREMIX WORK ON PUMPS
			PRE MIX @ 15.3 IN 15.7 OUT 15.8
			CHANGING VALVE SEATS IN # 2 PUMP
			PUP JT PARTED @ 345,000 ST. WT. 220,000 125,000 OVER PULL
		24.00	

MUD DATA		
TIME	15:00	
MUD TYPE	POLY	
WEIGHT	15.5	
VIS (SEC)	58	
PV/YP	23/33	
GELS	11/19	
WATER LOSS	12	
CAKE	1	
TS/LGS %	32/3.6	
HGS/SAND %	21.3/0.0	
OIL	4	
MBT		
PH/ES	8	
PM		
PF/MF	.3/5	
CL (PPM)	165,000	
CA (PPM)	3640	
CORR. SOLIDS	24.87	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROP (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
Directional Bits:	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				



**Endeavor Energy Resources, LP.**  
**DAILY DRILLING REPORT**

WELL: University 26-20 #1	DATE: 9/15/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	57,688	4,916,595
DEPTH (MD): 12,916	DAYS SINCE SPUD: 66	Mud	32,292	1,816,961
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		
PRESENT OPERATION:		CIRC.CONDITION MUD		

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	7:30	1.50	CIRC. CONDITION MUD BUILD PREMIX WORK ON PUMPS
7:30	8:30	1.00	MONITER WELL ON TRIP TANK (STATIC)
8:30	10:30	2.00	CIRC. BUILD 16.5# SLUG & PUMP
10:30	20:00	9.50	TOOH FIRST 30stds TOOK FLUID @ DOUBLE RATE THEN TAPERED BACK TO NORMAL
20:00	3:30	7.50	CLOSED BLIND RAMS CHANGE PIPE RAM RUBBERS BACKSIDE STATIC THRU OUT
3:30	6:00	2.50	P/U NEW JARS, ETC. TIH TO FISH
			PUMPED 40bbi 16.5 SLUG PIPE PULLED DRY & HOLE FILL WORKED GOOD WELL TOOK 35 bbi EXTRA
		24.00	

MUD DATA		
TIME	16:30	
MUD TYPE	POLY	
WEIGHT	15.8	
VIS (SEC)	60	
PV/YP	23/35	
GELS	12/18	
WATER LOSS	10	
CAKE	1	
TS/LGS %	33/3.6	
HGS/SAND %	22.6/0.0	
OIL	4	
MBT		
PH/ES	8	
PM		
PF/MF	.3/5	
CL (PPM)	162,000	
CA (PPM)	3460	
CORR. SOLIDS	26.12	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # ( <i>##xRR if re-run</i> )	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # ( <i>RR if re-run</i> )	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRPG (Hours   Daily   Cum)		46.5		
ROL (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	220
Rotating Wt	220
Slack-off Wt	210
Torque	

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5		
Screw-in sub	1	4.35	4 3/4	2 1/4			3 1/2 IF	BHA Buoy. Wt:		
CIRC. SUB	1	2.68	4 3/4	2 1/4			3 1/2 IF	50,000		
LBS	1	9.01	4 3/4	2 1/4			3 1/2 IF	Wt. Below Jars:		
JARS	1	12.65	4 3/4	2			3 1/2 IF	Previous Casing		
DC	9	269.11	4 3/4				3 1/2 IF	Size	9 5/8	7
ACC.	1	9.08	4 3/4	2			3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
Total BHA		306.88					3 1/2 IF	Grade	HCK-55	P-110
							3 1/2 IF	Gas Record		
DP	30	900.00	4 3/4	2 1/2	13.3	G-105	3 1/2 IF	BG gas units		348
DP	182	5,460.00	4 3/4	2 1/2	15.5	X-95	3 1/2 IF	Max gas units		444
DP	181	5,430.00	4 3/4	2 1/2	15.5	S-135	3 1/2 IF	Max gas depth		12759
								Conn. gas		567
KELLY		2.00						Trip gas		n/a
TOTAL DEPTH		12,098.88								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	0	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	TIH, CIRC. BOTTOM UP, SCREW IN TO FISH & JAR
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 9/16/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	74,965	4,991,560
DEPTH (MD): 12,916	DAYS SINCE SPUD: 67	Mud	52,684	1,869,645
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		

PRESENT OPERATION: JARRING

[illegible]

MUD DATA		
TIME	16:45	
MUD TYPE	POLY	
WEIGHT	15.8	
VIS (SEC)	59	
PV/YP	23/34	
GELS	10/19	
WATER LOSS	11	
CAKE	1	
TS/LGS %	33/3.6	
HGS/SAND %	22.6/0.0	
OIL	4	
MBT		
PH/ES	7.5	
PM		
PF/MF	.25/4	
CL (PPM)	160,000	
CA (PPM)	3640	
CORR. SOLIDS	26.22	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROL (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	220
Rotating Wt	220
Slack-off Wt	210
Torque	

## BIT GRADING

Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5 BHA Buoy. Wt: 50,000 Wt. Below Jars:		
Screw-in sub	1	4.35	4 3/4	2 1/4			3 1/2 IF			
CIRC. SUB	1	2.68	4 3/4	2 1/4			3 1/2 IF			
LBS	1	9.01	4 3/4	2 1/4			3 1/2 IF			
JARS	1	12.65	4 3/4	2			3 1/2 IF			
DC	9	269.11	4 3/4				3 1/2 IF			
ACC.	1	9.08	4 3/4	2			3 1/2	Size	9 5/8	7
								Depth	5,125	11844
							3 1/2 IF	Weight	40	29
							3 1/2 IF	Grade	HCK-55	P-110
<b>Total BHA</b>		306.88					3 1/2 IF			
							3 1/2 IF			
							3 1/2 IF			
DP	30	900.00	4 3/4	2 1/2	13.3	G-105	3 1/2 IF	<b>Gas Record</b>		
DP	182	5,460.00	4 3/4	2 1/2	15.5	X-95	3 1/2 IF	BG gas units	348	
DP	181	5,430.00	4 3/4	2 1/2	15.5	S-135	3 1/2 IF	Max gas units	444	
								Max gas depth	12759	
								Conn. gas	567	
KELLY		2.00						Trip gas	n/a	
TOTAL DEPTH		12,098.88								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	0	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	JARRING
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**Endeavor Energy Resources, LP.**  
**DAILY DRILLING REPORT**

WELL: University 26-20 #1	DATE: 9/17/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	196,807	5,188,367
DEPTH (MD): 12,916	DAYS SINCE SPUD: 68	Mud	14,493	1,884,138
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		
PRESENT OPERATION:		TOOH		

[illegible]

MUD DATA		
TIME	14:30	
MUD TYPE	POLY	
WEIGHT	15.9	
VIS (SEC)	63	
PV/YP	24/35	
GELS	11/19	
WATER LOSS	5	
CAKE	1	
TS/LGS %	33.8/4.5	
HGS/SAND %	22.6/0.0	
OIL	4.2	
MBT		
PH/ES	9	
PM		
PF/MF	.4/.6	
CL (PPM)	161,000	
CA (PPM)	3460	
CORR. SOLIDS	27.08	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	8			
SIZE	6 1/8			
MFG.	ULTERRA			
TYPE	MD 513			
IADC CODE				
SERIAL # (RR if re-run)	S5965			
DEPTH IN	11845			
DEPTH OUT				
JETS	5X16s			
WOB (min   max)	15	20		
RPM (rot motor or min max)	55			
FOOTAGE (Daily   Cum)		1,071		
DRLG HOURS (Daily   Cum)		46.5		
ROP (Daily   Cum)		23.0		
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	185
Rotating Wt	180
Slack-off Wt	180
Torque	

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5 BHA Buoy. Wt: 50,000 Wt. Below Jars:		
Screw-in sub	1	4.35	4 3/4	2 1/4			3 1/2 IF			
CIRC. SUB	1	2.68	4 3/4	2 1/4			3 1/2 IF			
LBS	1	9.01	4 3/4	2 1/4			3 1/2 IF			
JARS	1	12.65	4 3/4	2			3 1/2 IF	Previous Casing		
DC	9	269.11	4 3/4				3 1/2 IF	Size	9 5/8	7
ACC.	1	9.08	4 3/4	2			3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
Total BHA		306.88					3 1/2 IF	Grade	HCK-55	P-110
							3 1/2 IF	Gas Record		
DP	30	900.00	4 3/4	2 1/2	13.3	G-105	3 1/2 IF	BG gas units		348
DP	182	5,460.00	4 3/4	2 1/2	15.5	X-95	3 1/2 IF	Max gas units		444
DP	181	5,430.00	4 3/4	2 1/2	15.5	S-135	3 1/2 IF	Max gas depth		12759
								Conn. gas		567
KELLY		2.00						Trip gas		n/a
TOTAL DEPTH		12,098.88								

<b>MUD PUMPS</b>	<b>1</b>	<b>2</b>
Pump Make	MAXIMUM	MAXIMUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	0	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	TOOH, L/D FISHING TOOLS, P/U BIT, TIH, CIRC FOR LOGS
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 9/19/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	136,716	5,395,822
DEPTH (MD): 12,635	DAYS SINCE SPUD: 70	Mud	102,714	2,035,310
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		

PRESENT OPERATION:	SHORT TRIP 9 STDS
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<b>OPERATIONS</b>					
<b>FROM</b>	<b>TO</b>	<b>HRS</b>	<b>DETAILS</b>		
6:00	8:00	2.00	TIH T/12548		
8:00	9:30	1.50	CIRC. GAS CUT MUD TO RESERVE		
9:30	16:30	7.00	CLOSE IN MONITOR WELL BUILD VOLUME		
16:30	20:00	3.50	WASH & REAM TO FISH @ 12635'		
20:00	3:00	7.00	CIRC. WORK PIPE BUILD WT. TO 15.9# (BUILD VOLUME)		
3:00	3:30	0.50	CHECK FLOW FLOWING 10bbbl P/H		
3:30	4:30	1.00	CIRC. REPAIR TRIP TANK		
4:30	6:00	1.50	SHORT TRIP 9 STDS		
			TOP OF FISH IS @ 12635'		
		<b>24.00</b>			

MUD DATA		
TIME	23:00	
MUD TYPE	POLY	
WEIGHT	16	
VIS (SEC)	62	
PV/YP	24/38	
GELS	13/21	
WATER LOSS	6	
CAKE	1	
TS/LGS %	35.3/6.9	
HGS/SAND %	21.8/0.0	
OIL	3.7	
MBT		
PH/ES	9	
PM		
PF/MF	.5/7	
CL (PPM)	162,000	
CA (PPM)	3460	
CORR. SOLIDS	28.64	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	9 RR			
SIZE	6 1/8			
MFG.	JZ			
TYPE	HF 43			
IADC CODE				
SERIAL # (RR if re-run)	J09713			
DEPTH IN				
DEPTH OUT				
JETS	OPEN			
WOB (min   max)				
RPM (rot motor or min max)				
FOOTAGE (Daily   Cum)				
DRLG HOURS (Daily   Cum)				
ROP (Daily   Cum)				
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	180
Rotating Wt	175
Slack-off Wt	170
Torque	

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5 BHA Buoy. Wt: 50,000		
BIT	1	0.50	4 3/4	2 1/4			3 1/2 IF	Wt. Below Jars:		
BIT SUB	1	2.97	4 3/4	2 1/4			3 1/2 IF			
DC	2	59.46	4 3/4	2 1/4			3 1/2 IF	Previous Casing		
IBS	1	4.70	4 3/4	2			3 1/2 IF			
DC	7	209.65	4 3/4				3 1/2 IF	Size	9 5/8	7
			4 3/4	2			3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
							3 1/2 IF	Grade	HCK-55	P-110
<b>Total BHA</b>		277.28								
DP	3	94.89	4 3/4	2 1/2	13.3	G-105	3 1/2 IF	Gas Record		
STRING MILL	1	5.68			13.3		3 1/2 IF			
DP	27	855.40	4 3/4	2 1/2	13.3	G-105	3 1/2 IF	BG gas units		348
DP	182	5,460.00	4 3/4	2 1/2	15.5	X-95	3 1/2 IF	Max gas units		444
DP	181	5,920.32			15.5	S-135		Max gas depth		12759
KELLY		21.43						Conn. gas		567
TOTAL DEPTH		12,635.00						Trip gas		n/a

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	0	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	CIRC. CONDITION HOLE, TOO H FOR LOGS
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[illegible]

DRILL STRING	
Pick-up Wt	180
Rotating Wt	175
Slack-off Wt	170
Torque	

MUD PUMPS		1	2	DEVIATION SURVEYS							
Pump Make	MAXIUM	MAXIUM	MD	TVD	Incl.	Az.	DLS	BUR	VS		
Pump Type	F 1600	F 1600	12,400		0.80						
PRESSURE (off btm)	2400	2400	12,534		1.40						
PRESSURE (w/ max diff)			12,774		1.30						
SPM											
LINER SIZE	5	5									
STROKE LENGTH	12	12									
OUTPUT (gal/stk)	2.909	2.909									
OUTPUT (gpm)	0	0									
SPR & PRESSURE	41/600	44/600									
TEST SUB SPM & PSI											
PRIMARILY PUMPING:	1										
			<div> <div>Proj to BIT</div> <div>Proj EOC</div> <div>Proj TD</div> </div>								
Notes / Next 24 hrs:		TIH, CIRC TOO H TO RUN LINER									



# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 9/21/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	156,906	5,662,398
DEPTH (MD): 12,635	DAYS SINCE SPUD: 72	Mud	40,148	2,138,261
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		

<b>OPERATIONS</b>			
<b>FROM</b>	<b>TO</b>	<b>HRS</b>	<b>DETAILS</b>
6:00	9:00	3.00	LOG (LOGGERS ADJUSTED TD 12642)
9:00	10:00	1.00	R/D LOGGERS
10:00	22:00	12.00	TIH BREAK CIRC. EVERY 50 STDs
22:00	22:30	0.50	WASH 50' TO FISH @ 12635
22:30	2:30	4.00	CIRC. CONDITION HOLE
2:30	3:30	1.00	TOOH 5stds WELL FLOWING
3:30	4:00	0.50	MONITER WELL FLOWING @ 40bbf P/H
4:00	4:30	0.50	TIH 5stds
4:30	6:00	1.50	CIRC. CONDITION HOLE
			LOGGERS ADJUSTED TD 12642
		<b>24.00</b>	

MUD DATA		
TIME	15:30	
MUD TYPE	POLY	
WEIGHT	15.8	
VIS (SEC)	55	
PV/YP	29/33	
GELS	8/13	
WATER LOSS	7	
CAKE	1	
TS/LGS %	36.3/10.4	
HGS/SAND %	19.3/0.0	
OIL	3.7	
MBT		
PH/ES	9	
PM		
PF/MF	.5/7	
CL (PPM)	164,000	
CA (PPM)	3460	
CORR. SOLIDS	29.66	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	9 RR			
SIZE	6 1/8			
MFG.	JZ			
TYPE	HF 43			
IADC CODE				
SERIAL # (RR if re-run)	J09713			
DEPTH IN				
DEPTH OUT				
JETS	OPEN			
WOB (min   max)				
RPM (rot motor or min max)				
FOOTAGE (Daily   Cum)				
DRLG HOURS (Daily   Cum)				
ROP (Daily   Cum)				
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				



**Endeavor Energy Resources, LP.**  
**DAILY DRILLING REPORT**

WELL: University 26-20 #1	DATE: 9/22/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	58,337	5,720,735
DEPTH (MD): 12,635	DAYS SINCE SPUD: 73	Mud	22,417	2,160,678
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		

PRESENT OPERATION: TIH W/ 4 1/2" LINER

[illegible]

MUD DATA		
TIME	10:30	
MUD TYPE	POLY	
WEIGHT	16.2	
VIS (SEC)	57	
PV/YP	31/46	
GELS	10/18	
WATER LOSS	9	
CAKE	1	
TS/LGS %	37.3/9.5	
HGS/SAND %	21.3/0.0	
OIL	3.7	
MBT		
PH/ES	8	
PM		
PF/MF	.35/6	
CL (PPM)	164,000	
CA (PPM)	3460	
CORR. SOLIDS	30.77	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)				
SIZE				
MFG.				
TYPE				
IADC CODE				
SERIAL # (RR if re-run)				
DEPTH IN				
DEPTH OUT				
JETS				
WOB (min   max)				
RPM (rot motor or min max)				
FOOTAGE (Daily   Cum)				
DRLG HOURS (Daily   Cum)				
ROP (Daily   Cum)				
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	180
Rotating Wt	175
Slack-off Wt	170
Torque	

## BIT GRADING

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5		
BIT	1	0.50	4 3/4	2 1/4			3 1/2 IF	BHA Buoy. Wt:		
BIT SUB	1	2.97	4 3/4	2 1/4			3 1/2 IF	50,000		
DC	2	59.46	4 3/4	2 1/4			3 1/2 IF	Wt. Below Jars:		
IBS	1	4.70	4 3/4	2			3 1/2 IF	Previous Casing		
DC	7	209.65	4 3/4				3 1/2 IF	Size	9 5/8	7
			4 3/4	2			3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
Total BHA		277.28					3 1/2 IF	Grade	HCK-55	P-110
DP	3	94.89	4 3/4	2 1/2	13.3	G-105	3 1/2 IF	Gas Record		
STRING MILL	1	5.68			13.3		3 1/2 IF	BG gas units		348
DP	27	855.40	4 3/4	2 1/2	13.3	G-105	3 1/2 IF	Max gas units		444
DP	182	5,460.00	4 3/4	2 1/2	15.5	X-95	3 1/2 IF	Max gas depth		12759
DP	181	5,920.32			15.5	S-135		Conn. gas		567
KELLY		21.43						Trip gas		n/a
TOTAL DEPTH		12,635.00								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	0	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	TIH, HANG LINNER, PUMP CEMENT, REVERSE OUT, TOO
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 9/23/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	65,580	5,785,030
DEPTH (MD): 12,635	DAYS SINCE SPUD: 74	Mud	2,867	2,163,545
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		

PRESENT OPERATION: L/D 30 JTS

[illegible]

MUD DATA		
TIME	15:00	
MUD TYPE	POLY	
WEIGHT	16.2	
VIS (SEC)	58	
PV/YP	32/43	
GELS	11/18	
WATER LOSS	8.6	
CAKE	1	
TS/LGS %	37.3/9.5	
HGS/SAND %	21.3/0.0	
OIL	3.7	
MBT		
PH/ES	8	
PM		
PF/MF	.35/6	
CL (PPM)	164,000	
CA (PPM)	3460	
CORR. SOLIDS	30.77	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)				
SIZE				
MFG.				
TYPE				
IADC CODE				
SERIAL # (RR if re-run)				
DEPTH IN				
DEPTH OUT				
JETS				
WOB (min   max)				
RPM (rot motor or min max)				
FOOTAGE (Daily   Cum)				
DRLG HOURS (Daily   Cum)				
ROP (Daily   Cum)				
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	180
Rotating Wt	175
Slack-off Wt	170
Torque	

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5 BHA Buoy. Wt: 50,000		
BIT	1	0.50	4 3/4	2 1/4			3 1/2 IF	Wt. Below Jars:		
BIT SUB	1	2.97	4 3/4	2 1/4			3 1/2 IF			
DC	2	59.46	4 3/4	2 1/4			3 1/2 IF			
IBS	1	4.70	4 3/4	2			3 1/2 IF	Previous Casing		
DC	7	209.65	4 3/4				3 1/2 IF	Size	9 5/8	7
			4 3/4	2			3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
<b>Total BHA</b>		277.28					3 1/2 IF	Grade	HCK-55	P-110
DP	3	94.89	4 3/4	2 1/2	13.3	G-105	3 1/2 IF	Gas Record		
STRING MILL	1	5.68			13.3		3 1/2 IF	BG gas units	348	
DP	27	855.40	4 3/4	2 1/2	13.3	G-105	3 1/2 IF	Max gas units	444	
DP	182	5,460.00	4 3/4	2 1/2	15.5	X-95	3 1/2 IF	Max gas depth	12759	
DP	181	5,920.32			15.5	S-135		Conn. gas	567	
KELLY		21.43						Trip gas	n/a	
TOTAL DEPTH		12,635.00								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	0	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	L/D 30 JTS, TOO, L/D SETTING TOOL, P/U BIT, TIH
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**Endeavor Energy Resources, LP.**  
**DAILY DRILLING REPORT**

WELL: University 26-20 #1	DATE: 9/24/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	89,244	5,874,274
DEPTH (MD): 12,635	DAYS SINCE SPUD: 75	Mud	0	2,163,545
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		
PRESENT OPERATION:		WASH IN TO PACKER		

[illegible]

MUD DATA		
TIME	15:00	
MUD TYPE	POLY	
WEIGHT	16.2	
VIS (SEC)	58	
PV/YP	32/43	
GELS	11/18	
WATER LOSS	8.6	
CAKE	1	
TS/LGS %	37.3/9.5	
HGS/SAND %	21.3/0.0	
OIL	3.7	
MBT		
PH/ES	8	
PM		
PF/MF	.35/6	
CL (PPM)	164,000	
CA (PPM)	3460	
CORR. SOLIDS	30.77	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	9 RR			
SIZE	6 1/8			
MFG.	JZ			
TYPE	HF 43			
IADC CODE				
SERIAL # (RR if re-run)	J09713			
DEPTH IN				
DEPTH OUT				
JETS	OPEN			
WOB (min   max)				
RPM (rot motor or min max)				
FOOTAGE (Daily   Cum)				
DRLG HOURS (Daily   Cum)				
ROP (Daily   Cum)				
Motor Circ. Hrs (Daily   Cum)				
Directional Bits:	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	180
Rotating Wt	175
Slack-off Wt	170
Torque	

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5		
BIT	1	0.75	4 3/4	2 1/4			3 1/2 IF	BHA Buoy. Wt:		
BIT SUB	1	2.48	4 3/4	2 1/4			3 1/2 IF	50,000		
			4 3/4	2 1/4			3 1/2 IF	Wt. Below Jars:		
			4 3/4	2			3 1/2 IF	Previous Casing		
			4 3/4				3 1/2 IF	Size	9 5/8	7
			4 3/4	2			3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
Total BHA		3.23					3 1/2 IF	Grade	HCK-55	P-110
			4 3/4	2 1/2	13.3	G-105	3 1/2 IF	Gas Record		
					13.3		3 1/2 IF	BG gas units		348
			4 3/4	2 1/2	13.3	G-105	3 1/2 IF	Max gas units		444
DP	182	5,460.00	4 3/4	2 1/2	15.5	X-95	3 1/2 IF	Max gas depth		12759
DP	182	5,990.08			15.5	S-135		Conn. gas		567
KELLY		46.00						Trip gas		n/a
TOTAL DEPTH		11,499.31								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	0	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	TEST PACKER, DISPLACE W/ BRINE, L/D DP, NIPPLE DOWN, CLEAN PITS
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**Endeavor Energy Resources, LP.**  
**DAILY DRILLING REPORT**

WELL: University 26-20 #1	DATE: 9/25/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	116,144	5,921,482
DEPTH (MD): 12,635	DAYS SINCE SPUD: 76	Mud	0	2,163,545
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		

PRESENT OPERATION:

**L/D DRILL PIPE**

OPERATIONS			
FROM	TO	HRS	DETAILS
6:00	6:30	0.50	WASH TO PACKER NO CEMENT
6:30	8:30	2.00	CIRC BOTTOM UP NO SIGN OF CEMENT
8:30	9:30	1.00	TEST PACKER 2300psi 16# MUD HELD OK
9:30	11:00	1.50	FILL TRIP TANK TOO
11:00	12:00	1.00	SERVICE RIG ADJUST BRAKES
12:00	16:30	4.50	TOO FOR BRIDGE PLUG
16:30	18:00	1.50	P/U M/U BRIDGE PLUG & SETTING TOOL
18:00	23:00	5.00	TIH W/BRIDGE PLUG
23:00	23:30	0.50	SET BRIDGE PLUG@ 11480' 30K DOWN 20K UP
23:30	0:30	1.00	P/U KELLY HOOK LOCK NOT WORKING PROPERLY
0:30	1:00	0.50	TEST BRIDGE PLUG 1900psi 16# MUD HELD OK
1:00	1:30	0.50	BEGAIN DISPLACING BLEW SEAL IN STANDPIPE UNION
1:30	2:00	0.50	REPLACE SEAL IN STANDPIPE UNION
2:00	5:00	3.00	DISPLACE HOLE W/ 10# BRINE & LOAD TRIP TANK 600bbl TOTAL CHECK FLOW EVERY 100bbl
5:00	6:00	1.00	R/U L/D MACHINE & SAFETY MEETING
			BRIDGE PLUG SET @ 11480' TESTED TO 1900psi W/ 16# MUD HELD OK
		24.00	

MUD DATA		
TIME	15:00	
MUD TYPE	POLY	
WEIGHT	16.2	
VIS (SEC)	58	
PV/YP	32/43	
GELS	11/18	
WATER LOSS	8.6	
CAKE	1	
TS/LGS %	37.3/9.5	
HGS/SAND %	21.3/0.0	
OIL	3.7	
MBT		
PH/ES	8	
PM		
PF/MF	.35/6	
CL (PPM)	164,000	
CA (PPM)	3460	
CORR. SOLIDS	30.77	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	9 RR			
SIZE	6 1/8			
MFG.	JZ			
TYPE	HF 43			
IADC CODE				
SERIAL # (RR if re-run)	J09713			
DEPTH IN				
DEPTH OUT				
JETS	OPEN			
WOB (min   max)				
RPM (rot motor or min max)				
FOOTAGE (Daily   Cum)				
DRLG HOURS (Daily   Cum)				
ROP (Daily   Cum)				
Motor Circ. Hrs (Daily   Cum)				
Directional Bits:	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	180
Rotating Wt	175
Slack-off Wt	170
Torque	

## BIT GRADING

Bit #	I	O	Dull Ch.	Loc.	Bearing Seal	Gauge (x/16ths)	Other Dull Ch.	Reason Pulled

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5		
BIT	1	0.75	4 3/4	2 1/4			3 1/2 IF	BHA Buoy. Wt:		
BIT SUB	1	2.48	4 3/4	2 1/4			3 1/2 IF	50,000		
			4 3/4	2 1/4			3 1/2 IF	Wt. Below Jars:		
			4 3/4	2			3 1/2 IF	Previous Casing		
			4 3/4				3 1/2 IF	Size	9 5/8	7
			4 3/4	2			3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
Total BHA		3.23					3 1/2 IF	Grade	HCK-55	P-110
			4 3/4	2 1/2	13.3	G-105	3 1/2 IF	Gas Record		
					13.3		3 1/2 IF	BG gas units		348
			4 3/4	2 1/2	13.3	G-105	3 1/2 IF	Max gas units		444
DP	182	5,460.00	4 3/4	2 1/2	15.5	X-95	3 1/2 IF	Max gas depth		12759
DP	182	5,990.08			15.5	S-135		Conn. gas		567
KELLY		46.00						Trip gas		n/a
TOTAL DEPTH		11,499.31								

<b>MUD PUMPS</b>	<b>1</b>	<b>2</b>
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	0	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	L/D DP, NIPPLE DOWN & CLEAN PITS
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# Endeavor Energy Resources, LP.

## DAILY DRILLING REPORT

WELL: University 26-20 #1	DATE: 9/26/12	COST	DAILY	CUM
RIG NAME: BIG DOG #11	SPUD DATE: 7/11/12	Drilling	56,318	5,977,800
DEPTH (MD): 12,635	DAYS SINCE SPUD: 77	Mud	0	2,163,545
PROGRESS:	SUPERVISOR: AUDIE MILLER	817-304-0186		

PRESENT OPERATION: **N/D & CLEAN PITS**

[illegible]

MUD DATA		
TIME	15:00	
MUD TYPE	POLY	
WEIGHT	16.2	
VIS (SEC)	58	
PV/YP	32/43	
GELS	11/18	
WATER LOSS	8.6	
CAKE	1	
TS/LGS %	37.3/9.5	
HGS/SAND %	21.3/0.0	
OIL	3.7	
MBT		
PH/ES	8	
PM		
PF/MF	.35/6	
CL (PPM)	164,000	
CA (PPM)	3460	
CORR. SOLIDS	30.77	

HYDRAULICS	
AV DP	
AV DC	
AV DP (CSG)	
ECD	

MUD MIXED	
SMT	
C 202	
CL 9390	
New zan	
Startch	
No foam	
New Cide	
Drill Pac	
Fiber Seal	
Cedar Fiber	
Nut Plug	
Soda Ash	

BIT RECORD				
BIT # (#xxRR if re-run)	9 RR			
SIZE	6 1/8			
MFG.	JZ			
TYPE	HF 43			
IADC CODE				
SERIAL # (RR if re-run)	J09713			
DEPTH IN				
DEPTH OUT				
JETS	OPEN			
WOB (min   max)				
RPM (rot motor or min max)				
FOOTAGE (Daily   Cum)				
DRLG HOURS (Daily   Cum)				
ROP (Daily   Cum)				
Motor Circ. Hrs (Daily   Cum)				
<i>Directional Bits:</i>	Cum	Daily	Cum	Cum
SLIDING (footage   hrs)				
ROTATING (footage   hrs)				
DIFF. PRESS. (min   max)				

DRILL STRING	
Pick-up Wt	180
Rotating Wt	175
Slack-off Wt	170
Torque	

[illegible]

BHA & DRILL STRING / CASING DETAIL								Last BHA Insp'n (Hrs):		
Description	Jts #	Length (feet)	OD (inches)	ID (inches)	Weight (lb/ft)	Grade	Connection (Size & Thread)	49.5		
BIT	1	0.75	4 3/4	2 1/4			3 1/2 IF	BHA Buoy. Wt:		
BIT SUB	1	2.48	4 3/4	2 1/4			3 1/2 IF	50,000		
			4 3/4	2 1/4			3 1/2 IF	Wt. Below Jars:		
			4 3/4	2			3 1/2 IF	Previous Casing		
			4 3/4				3 1/2 IF	Size	9 5/8	7
			4 3/4	2			3 1/2	Depth	5,125	11844
							3 1/2 IF	Weight	40	29
Total BHA		3.23					3 1/2 IF	Grade	HCK-55	P-110
			4 3/4	2 1/2	13.3	G-105	3 1/2 IF	Gas Record		
					13.3		3 1/2 IF	BG gas units		348
			4 3/4	2 1/2	13.3	G-105	3 1/2 IF	Max gas units		444
DP	182	5,460.00	4 3/4	2 1/2	15.5	X-95	3 1/2 IF	Max gas depth		12759
DP	182	5,990.08			15.5	S-135		Conn. gas		567
KELLY		46.00						Trip gas		n/a
TOTAL DEPTH		11,499.31								

MUD PUMPS	1	2
Pump Make	MAXIUM	MAXIUM
Pump Type	F 1600	F 1600
PRESSURE (off btm)	2400	2400
PRESSURE (w/ max diff)		
SPM		
LINER SIZE	5	5
STROKE LENGTH	12	12
OUTPUT (gal/stk)	2.909	2.909
OUTPUT (gpm)	0	0
SPR & PRESSURE	41/600	44/600
TEST SUB SPM & PSI		
PRIMARILY PUMPING:	1	

[illegible]

Notes / Next 24 hrs:	NIPPLE DOWN & CLEAN PITS



## Page 1 of 2

[illegible]







## Page 1 of 2

[illegible]

## Page 1 of 2

[illegible]







## Page 1 of 2

[illegible]



[illegible]

[illegible]



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