

Well Name: Vaughan 2-18

API/UWI 03-141-10357	Surface Legal Location 1140 FSL & 1335 FEL Sec 18, Twn 11 N, Rng 16 W	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 3/17/2008	Completion Date	Ground Elevation (ft) 1,686.00	KB-Ground Distance (ft) 10.00	
Weather Rain	Temperature (°F) 50.0	Road Condition Good	Hole Condition	
Operations at Report Time L/D DC's - @ TD of surface hole		Operations Next Report Period Run surface csg, cement, & WOC		
Operations Summary Spud and drill 12.45" hole from 40'KB to 648' w/ air/hammer.				

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	09:00	3.00	3.00	08	Tripping In	P/U 12.45" air/hammer and 6" DC - TIH. Tag @ 20'.
09:00	10:00	1.00	4.00	02	Drilling	Drill 12.45" from 40'KB to 85'KB. Hit water. R/U water injection for air.
10:00	12:00	2.00	6.00	07	Condition and/or Circulate mud	Circulate hole w/ air - W/O water for air/mist unit.
12:00	21:00	9.00	15.00	02	Drilling	Drill 12.45" hole w/ air/hammer for surface csg.
21:00	00:00	3.00	18.00	09	Tripping Out	TOOH & L/D drill string.
00:00	05:00	5.00	23.00	15	Run Casing	Run 9 5/8" surface csg. Problem w/ insert float.
05:00	06:00	1.00	24.00	16	Cementing	R/U Superior Well Services cement unit - hold pre-job safety meeting.

BHA #1, Conductor

Bit Run 1	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA RO... 130.0
Nozzles (/32")		String Length (ft)		OD (in)	

String Components

Comment

Drill surface hole w/ 12.45" flat bottom hammer bit.

Wellbore	Start (ftKB)	End (ftKB)	Cum Depth (ft)	Cum Drill Time (hrs)	Int ROP (ft/hr)	Q (flow) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	Drill Tq
Original Hole	40.0	648.0	608.00									

Kicks

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

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment
3/20/...	GR-Cal-Spectral dens-Epitherm Neutron-Array Res	648.0	1,24...	Halliburton	1	

Formations

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

AFE Number USA08006	Total AFE Amount
Daily Cost Total 52,350.00	Cum Cost To Date 52,350.00
Daily Mud Cost	Mud Cum To Date
Depth Start (ftKB) 40.0	Depth End (ftKB) 648.0
Target Formation Basal Hale Sd	Target Depth (ftKB) 1,210.0
Last Casing String Surface, 645.0ftKB	

Daily Contacts

Job Contact	Mobile

Pense Bros Drilg, 9

Contractor Pense Bros Drilg	Rig Number 9
Rig Supervisor Thomas Majors	Phone Mobile 307-752-2539

Pump Number	Pwr (hp)	Rod Dia (in)
-------------	----------	--------------

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)
-----------------	-------------	-------------------

Pres (psi)	Slow Spd	Strokes (s...)	Eff (%)
------------	----------	----------------	---------

Wellbores

Wellbore Name Original Hole	Kick Off Depth (ftKB)
--------------------------------	-----------------------

Well Name: Vaughan 2-18

API/UWI 03-141-10357	Surface Legal Location 1140 FSL & 1335 FEL Sec 18, Twn 11 N, Rng 16 W	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 3/17/2008	Completion Date	Ground Elevation (ft) 1,686.00	KB-Ground Distance (ft) 10.00	
Weather Rain - Lightning	Temperature (°F) 50.0	Road Condition Good	Hole Condition	
Operations at Report Time N/U annular - curtail ops - lightning		Operations Next Report Period N/U BOP. Drill.		
Operations Summary Circ hole - TOO H - RIH w/ 9 5/8" surface - cement surface - WOC - S/D ops bad weather - N/U csg head & annular BOP. Test - failed pressure test.				

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	09:00	3.00	3.00	16	Cementing	R/U Superior Well Services. Safety mtg. Mix & Pump Lead & Tail cement - lost circulation during job. Increase rate - regained circulation w/ 10 bbls to pit. Did not drop plug. Displace - well csg pressured up to 3000#. S/D. Pressure bleeding off. Release pressure - float shoe held OK. R/D & release cementers.
09:00	14:00	5.00	8.00	19	Wait On Cement	WOC. Held csg in suspension.
14:00	19:00	5.00	13.00	21	Nipple Up /Nipple Down BOP Stack	Wait on weather - heavy rain & winds - lightning in area. Suspended ops & moved well crew off rig structure. Welder-cut-off conductor csg - checked cement level @ 8' below GL. Weld on 9 5/8" - 11" - 3000# wellhead.
19:00	06:00	11.00	24.00	21	Nipple Up /Nipple Down BOP Stack	Greene's nipples up 3000# annular preventer. Pressure test - leaking. Remove annular - install annular from Union drlg. Nipple up & pressure test. Leaking at element. Call for new accumulator. W/O accum from GRACO. New accum on loc.

BHA #1, Conductor

Bit Run / Drill Bit 1	Length (ft)	IADC Bit Dull -----	TFA (incl Noz) (in²)	BHA RO... 130.0
Nozzles (/32")	String Length (ft)	OD (in)		
String Components				
Comment Drill surface hole w/ 12.45" flat bottom hammer bit.				

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

Kicks

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

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment
3/20/...	GR-Cal-Spectral dens-Epitherm Neutron-Array Res	648.0	1,24...	Halliburton	1	

Formations

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

AFE Number USA08006	Total AFE Amount
Daily Cost Total 24,040.00	Cum Cost To Date 76,390.00
Daily Mud Cost	Mud Cum To Date
Depth Start (ftKB) 648.0	Depth End (ftKB) 648.0
Target Formation Basal Hale Sd	Target Depth (ftKB) 1,210.0
Last Casing String Surface, 645.0ftKB	

Daily Contacts

Job Contact	Mobile

Pense Bros Drlg, 9

Contractor Pense Bros Drlg	Rig Number 9
Rig Supervisor Thomas Majors	Phone Mobile 307-752-2539

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

Wellbores

Wellbore Name	Kick Off Depth (ftKB)
Original Hole	

Well Name: Vaughan 2-18

API/UWI 03-141-10357	Surface Legal Location 1140 FSL & 1335 FEL Sec 18, Twn 11 N, Rng 16 W	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 3/17/2008	Completion Date	Ground Elevation (ft) 1,686.00	KB-Ground Distance (ft) 10.00	
Weather Clear - Warm	Temperature (°F) 60.0	Road Condition Good	Hole Condition	
Operations at Report Time W/O bit for drill of prod hole		Operations Next Report Period Drill to TD		
Operations Summary N/U annular - test to 1500# - OK. Install blooie line & diverter - P/U 8 3/4" to drill.				

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	16:00	10.00	10.00	21	Nipple Up /Nipple Down BOP Stack	Install new accum. Pressure test. BOP leaking. R/D and change out annular. Nipple up. Repair accum. Greene's tested 9 5/8" csg, annular, & choke line to 1500# - held 30 minutes - OK. Pressure to 250# and hold for low test for 10 minutes - OK. Finish test. R/D & release Greene's Testers.
16:00	21:00	5.00	15.00	08	Tripping In	P/U 8 7/8" flat bottom bit & hammer - would not go thru annular element. Call for 8 3/4" flatbottom bit & hammer. W/O on both. TIH w/ 8 3/4" flat bottom bit on air hammer. Tag cement @ 420'KB.
21:00	22:00	1.00	16.00	02	Drilling	Drill cement & float shoe. Making new hole - drill ahead w/ 8 3/4" flatbottom bit & hammer.
22:00	23:00	1.00	17.00	2	Drilling	Drill new hole w/ air - dusting. Survey of 3/4 degrees @ 720'
23:00	06:00	7.00	24.00	2	Drilling	Drill ahead - hole making water @ 740' w/ gas flare. Continue drlg ahead w/ air/foam/mist. Take surveys every 100'. 830' - 1/2, 930' - 1/2, 1030' - 3/4, 1130' - 3/4, and 1210' - 0 degrees. Continuous gas flare start @ 1050'. drill ahead and TD well @ 1210' @ 0600 on 3-20-08.

BHA #1, Conductor

Bit Run 1	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA RO...
			-----		130.0
Nozzles (/32")		String Length (ft)		OD (in)	
String Components					
Comment Drill surface hole w/ 12.45" flat bottom hammer bit.					

Wellbore	Start (ftKB)	End (ftKB)	Cum Depth (ft)	Cum Drill Time (hrs)	Int ROP (ft/hr)	Q (flow) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	Drill Tq
Original Hole	648.0	1,210.0	1,170....	9.00	62.4		2	30				

Kicks

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

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment
3/20/...	GR-Cal-Spectral dens-Epitherm Neutron-Array Res	648.0	1,24...	Halliburton	1	

Formations

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

AFE Number USA08006	Total AFE Amount
Daily Cost Total 18,550.00	Cum Cost To Date 94,940.00
Daily Mud Cost	Mud Cum To Date
Depth Start (ftKB) 648.0	Depth End (ftKB) 1,210.0
Target Formation Basal Hale Sd	Target Depth (ftKB) 1,210.0
Last Casing String Surface, 645.0ftKB	

Daily Contacts

Job Contact	Mobile
Pense Bros Drlg, 9	
Contractor Pense Bros Drlg	Rig Number 9
Rig Supervisor Thomas Majors	Phone Mobile 307-752-2539

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

Wellbores

Wellbore Name Original Hole	Kick Off Depth (ftKB)
--------------------------------	-----------------------

Well Name: Vaughan 2-18

API/UWI 03-141-10357	Surface Legal Location 1140 FSL & 1335 FEL Sec 18, Twn 11 N, Rng 16 W	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 3/17/2008	Completion Date	Ground Elevation (ft) 1,686.00	KB-Ground Distance (ft) 10.00	
Weather Clear-Warm	Temperature (°F) 65.0	Road Condition Good	Hole Condition	
Operations at Report Time Nipple down BOP & set csg slips		Operations Next Report Period RDMO Pense Bros rig # 9		
Operations Summary Circ hole - TOO H - LDDP - run open hole logs - run 5 1/2" prod csg - cement - WOC				

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	10:15	4.25	4.25	07	Condition and/or Circulate mud	Condition hole w/ air/foam/mist. W/O loggers.
10:15	11:30	1.25	5.50	09	Tripping Out	TOOH & LDDP & DC's
11:30	12:15	0.75	6.25	00	Undefined Status	W/O loggers
12:15	14:30	2.25	8.50	14	Wireline Logs	R/U Halliburton Wireline. Run GR-Cal-Spectral density-Epithermal Neutron -Array Resistivity. Loggers TD @ 1244'. (DRillers picked up jt in night but did not add in tally.) R/D loggers.
14:30	18:30	4.00	12.50	15	Run Casing	R/O power tongs on rig. Run 5 1/2" prod csg. 43 jts - K55-LT&C-17# -8rd. Total length at 1223'. Insert float valve in top of first jt. PBDT @ 1195'. Ran 9 bow spring centralizers.
18:30	21:00	2.50	15.00	16	Cementing	R/U Superior Well Serv. Hold safety & job mtg. Pump water ahead & establish circulation. Mix & pump 230sx Class A @ 15.6# w/ yield of 1.19 cuft/sx. Pumped - lost circ 1/2 way thru cement - increase rate to 6bpm. Drop top rubber plug. Displace w/ 27.7 bbls water. Landed plug. Press to 2500# - release pressure - float held OK. Regained circ (partial) during displacement. Lost again before bumping plug. RDMO cementers.
21:00	06:00	9.00	24.00	19	Wait On Cement	WOC. Held csg in suspension. W/O daylight to set slips.

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

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

Kicks

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

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment
3/20/...	GR-Cal-Spectral dens-Epitherm Neutron-Array Res	648.0	1,24...	Halliburton	1	

Formations

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

AFE Number USA08006	Total AFE Amount
Daily Cost Total 43,025.00	Cum Cost To Date 137,965.00
Daily Mud Cost	Mud Cum To Date
Depth Start (ftKB) 1,210.0	Depth End (ftKB) 1,210.0
Target Formation Basal Hale Sd	Target Depth (ftKB) 1,210.0
Last Casing String Production, 1,223.0ftKB	

Daily Contacts

Job Contact	Mobile

Pense Bros Drlg, 9

Contractor Pense Bros Drlg	Rig Number 9
Rig Supervisor Thomas Majors	Phone Mobile 307-752-2539

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

Wellbores

Wellbore Name Original Hole	Kick Off Depth (ftKB)
--------------------------------	-----------------------



Storm Cat Energy Daily Drilling Report

Report for: 3/21/2008
Report #: 5.0, DFS: 3.92
Depth Progress: 0.00

Well Name: Vaughan 2-18

API/UWI 03-141-10357	Surface Legal Location 1140 FSL & 1335 FEL Sec 18, Twn 11 N, Rng 16 W	County Van Buren	State/Province Arkansas	Field Name B-43
Spud Date 3/17/2008	Completion Date	Ground Elevation (ft) 1,686.00	KB-Ground Distance (ft) 10.00	
Weather Clear - Warm	Temperature (°F) 75.0	Road Condition Good	Hole Condition	
Operations at Report Time W/O completion rig		Operations Next Report Period		

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1	Code 2	Comment
06:00	07:00	1.00	1.00	21	Nipple Up /Nipple Down BOP Stack	Take bolts out of flange. Raise BOP.
07:00	08:00	1.00	2.00	00	Undefined Status	Set slips - tension 15000# when set. Bevel csg.

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

String Components

Comment

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

Kicks

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

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Logging Company	Run No.	Comment
3/20/...	GR-Cal-Spectral dens-Epitherm Neutron-Array Res	648.0	1,24...	Halliburton	1	

Formations

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

AFE Number USA08006	Total AFE Amount
Daily Cost Total 33,050.00	Cum Cost To Date 171,015.00
Daily Mud Cost	Mud Cum To Date
Depth Start (ftKB) 1,210.0	Depth End (ftKB) 1,210.0
Target Formation Basal Hale Sd	Target Depth (ftKB) 1,210.0
Last Casing String Production, 1,223.0ftKB	

Daily Contacts

Job Contact	Mobile
-------------	--------

Pense Bros Drilg, 9

Contractor Pense Bros Drilg	Rig Number 9
Rig Supervisor Thomas Majors	Phone Mobile 307-752-2539

Pump Number	Pwr (hp)	Rod Dia (in)
-------------	----------	--------------

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
-----------------	-------------	------------------

Pres (psi)	Slow Spd No	Strokes (s...	Eff (%)
------------	----------------	---------------	---------

Wellbores

Wellbore Name Original Hole	Kick Off Depth (ftKB)
--------------------------------	-----------------------