



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 102.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
389,306.00	1,052,259.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

SICP= 87 PSI. Held Safety Meeting. Pressure Test Wellhead to 9000 PSI. Inj. Down Csg. 7 BPM @ 500 PSI. No Break Down. Pump 1500 gals of 15% HCL. Increased to 80 BPM @ 2285 PSI. Pump Step Down. ISIP 821 PSI.

Frac Stage 4 (2280' to 2522' OA) w/ 252,240# 40/70 Sand 10,999 BBIs Water w/ Additives. Flushed w/ 83 BBIs. ISIP 1141 PSI. 5 Min 905 PSI. 10 Min 843 PSI. 15 Min 804 PSI. PU 5 1/2" 10k Composite Plug & 5-3 3/8" HSC 2' Select Fire Perf Guns Loaded w/ 4 SPF 60 Deg. Phasing. Total of 8 Holes p/gun, HMX Millennium Charges. Pumped Plug Into Place w/ 109 BBIs Water @ 12 BPM Max Pressure 750 PSI. Set Plug @ 2250'.

Pressure Test Plug & Csg To 4200 PSI. Total Load for Stage 4: 11,108 BBIs

Perf For Stage 5: 2220'-22', 2160'-62', 2100-02', 2040'-42', 1980-82' w/ 4000 PSI on Well. Pressure Dropped to 411 PSI After Firing First Gun.

SICP= 245 PSI. Pressure Test Wellhead To 9000 PSI. Inject @ 8 BPM & 1242 PSI. Perfs Broke Down @ 1487 PSI. Pumped 1500 Gals 15% HCL, Increased Rate to 80 BPM @ 2200 PSI. Pumped Stepdown. ISIP 1015 PSI.

Start Stage 5 Frac. After Pumping 5298 BBIs & 42,504# 40/70 Sand, Water Pump Went Down For Water Supply. Flushed w/138.5 BBIs & SD. ISIP 1224, 5 Min SIP 1024, 10 Min SIP 935, 15 Min SIP 866. Replaced Fuel Filter on Water Pump. Established Injection Rate of 80 BPM & Continued Frac on Stage 5 (1980' to 2222' OA) w/ Total of 248,020 # 40/70 Sand 11,956 BBIs Water w/Additives. Flushed w/ 76 BBIs. ISIP 1295 PSI. 5 Min 1102 PSI. 10 Min 1040 PSI. 15 Min 998 PSI. Total Load For Stage 5: 11,956 BBIs.

PU 5 1/2" 8k Composite Plug & Set @ 750'. Pressure Test 8k Plug to 3000 PSI. Good Test. RD MO Halliburton. RD MO Calfrac. Secure Well & SDON.

Total Load For Stage 4 & Stage 5 Fracs: 23,064 BBIs.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 103.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
18,500.00	1,070,759.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

SICP 0 PSI. MIRU Canary Wellhead. Nipple Down 10k Hydraulic Valve. Nipple Up 5k BOP w/ Flow Cross & 10k Frac Valve on Top of BOP. RDMO Canary. MIRU IPS 2" CTU. Had Problems w/ Injector Head on CTU @ Kamalmaz. Moved CTU From Vaughan to Kamalmaz. Prepare to MI Schlumberger CTU & Drill Out 5 1/2" Plugs. Secure Well & SDON.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 104.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
39,080.00	1,109,839.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location SICP @ 0. MIRU Schlumberger 2" coil tubing unit. PU BHA as per: 4 5/8" mill 2 7/8" motor, jars. disconnect, hydraulic bypass, and coil connector. Pull test connector and get positive test. Open well and TIH to top plug @ 762 and pressure test csg, and stack to 3000#. Positive test on same. Begin pumping @ 3 BPM and mill out plug. Encounter 15# csg press under plug. Wash down to 2nd plug @ 2246 coil measure and tag and mill out same. Wash down to 2282 and tag sand. Begin pumping N2 @ 700 SCF and pump rate @ 3 BPM wash down to 3rd plug @ 2540. Mill out same and push down to 2546. Circulate well clean and SDON.

Note: Well pressure increased to 50# during 2nd plug drill out. Total fluid loss for day @ 212 bbls



Partner Report

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Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 98.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
	82,533.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NS Tie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Finish move in of 3 total stock tanks and 1 flowback tank. MIRU Impact water transfer equipment and lines. Transfer water from frac tanks on Kamalmaz to Vaughan. Leave 3 tanks full for coil tubing drill out. Transfer 2 light plants from Kamalmaz to Vaughan. SDON



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 99.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
26,923.00	109,456.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Finish rig up of Impact Services water transfer. Begin pumping water from pond @ Kamalmaz and filling pond on Vaughn. Fill all tanks w/ filtered water on Vaughn. MIRU CalFrac (Bebe crews) frac equipment and begin rig up of same. Approx pump time tomorrow @ 7:30.

MIRU Halliburton wireline unit and rig up crane truck and PU lubricator. SDON



Partner Report

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County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 100.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
193,445.00	302,901.00

Spud Date		Completion Date		Ground Elevation (ft)		KB-Ground Distance (ft)	
6/26/2007		9/24/2007		1,686.00		21.00	
Survey Information							
Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Held Pre Frac Safety Meeting. Pressure test Wellhead to 9000 PSI. Good Test. Load 5 1/2" Csg. w/ 6.7 bbls water. Establish Inj. Rate of 6.6 BPM @ 940 PSI. No Break Down. Pump 1500 gals of 15% HCL Acid . Increased Rate to 40 BPM. @ 1600 PSI. Increased Rate to 80 BPM @ 3100 PSI. Pumped Step Down Rates & Checking Pressures. Shut Down, ISIP 947 PSI.

Started Pad 2 Times, Unable to Keep Water Rate High Enough to Continue Frac. Installed Booster Into Suction Line. Start Pad, Establish Injection Rate of 80 BPM @ 2200 PSI & Frac Stage 1 Perfs 3080' to 3420' OA p/ Prog. w/ 250,320# of 40/70 Sand & 12,841 BBls Treated Water. Flushed w/ 103 BBLS Water. ISIP 855 PSI. 5 Min SIP 774 PSI, 10 Min SIP 728 PSI, 15 MIN SIP 693 PSI.

RU Halliburton, PU 5 1/2" Composite Plug & 5-3 3/8" HSC 2' Select Fire Perf. Guns Loaded w/ 4 SPF 60 Deg. Phasing, Total of 8 Holes p/ gun, HMX Mellinnum Charges. Pumped Plug Into Place w/ 234 BBls Water 12 BPM @ 682 PSI. Set Plug @ 3148'. Pressure Test Plug & 5 1/2" Cst To 3924 PSI. Good Test. Perf For Stage 2 Frac 3120'-22', 3060'-62', 3000'-02', 2940'-42', 2880'-82'. RD Halliburton Secure Well & SDON.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 105.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
46,610.00	1,156,449.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

SICP = 0. PU new 4 5/8" mill and TIH and tag 3rd plug remnants @ 2386. Plug had moved up hole 153' over night. Mill out same and continue in hole w/ 700 SCF N2 3 BPM. Tag 4th plug @ 2839, mill out, & push to top of 5th plug @ 3149 CTM. Mill on plug remnants, go to nitrogen @ 700 SCF/m and clear junk off top of 5th plug. Circulate hole clean and begin milling on 5th plug. Unable to make headway. TOH and leave well open to flow back personnel for possible well flow overnight. SDON



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 107.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
35,020.00	1,229,278.00

Spud Date 6/26/2007		Completion Date 9/24/2007		Ground Elevation (ft) 1,686.00		KB-Ground Distance (ft) 21.00	
Survey Information							
Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location flow back personnel report well static during night. Well had equalized overnight. Attempted to pull loose. String wt @ 10,000#. Pulled to 31600# coil measure @ 2824.5; stack out at minus 11,000# coil measure @ 2828.9; Pull 38800# coil measure @ 2823.6; stack out @ minus 11,000# and coil measure @ 2828.8. Attempt pull to 37600# and coil measure @ 2823.9. Orders arrive to pump down backside 2 csg volumes @ 10 BPM w/ foamer and KCL @ 2% mixture. Pump same w/ pump pressure @ 750#. ISIP @ 645. Surge well @ flowback manifold and well flowed back 40 total bbls. Unable to free coil. Orders arrive to shut down overnight and allow well to equalize. Order out freepoint and chemical cut for standby in morning. Well turned to flowback personnell and left open overnight.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 112.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
32,205.00	1,423,390.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Well flowed during night @ 20 barrels per hour. Total recovery @ 363. TIH w/ 10 stands during night. PU joint and tag up @ 1990. Wash down to 2119 pumping sweeps and foamer. Break through bridge and run in hole and tag up @ 2350 (jnt 71). Wash joint down and circulate well clean. Continue in hole and tag sand again @ 2582 (joint #78) circ well clean and notice returns had increased. Increase N2 to 700 units and sweep hole each 1/2 hour. Circulate well clean and continue in hole and tag top of fish @ 2648 and work tubing over fish and PU joint # 81 and work down same w/ no sand. Circulate bottoms up and well clean. TOH w/ 20 stands and SDON.



Partner Report

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State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 113.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
51,561.00	1,474,951.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location well active during night. TIH w/9 joints and tag sand @ 1629. Rig up swivel and circulate well clean. Continue in hole and tag sand @ 2667. Wash through and continue in hole circulating and washing down to top of fish @ 3323. Circulate well clean. Confer w/ Jerry Trout, orders arrive to circulate overnight to prevent sand fill during night.

Note: Well flowed previous night and sand migrated into well bore. Washed through Sand in bridges instead of in full column. Recovered 327 bbls last 24 hrs. Pushed fish to bottom while w 2 3/8' Tbg. Washing w/Foam & N2. Found no solid sand bridges in hole. Continuing to Jet w/ N2 & Foamed 2% KCL Water This AM.



Partner Report

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State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 114.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
34,967.00	1,509,918.00

Spud Date		Completion Date		Ground Elevation (ft)		KB-Ground Distance (ft)	
6/26/2007		9/24/2007		1,686.00		21.00	
Survey Information							
Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location well circulated overnight. Pump 15 bbls down tbg and 80 bbls down csg. Kill well and TOH w/ 100 jnts and sawed tooth collar. PU 4 11/16 cutlip guide dressed w/ 2" basket grapple over shot, 3 1/16" bumper sub. TIH to joint # 60 (1986') and tag up on curve. Work tools and tbg down hole. Stack out on joint # 61 (2019'). Orders arrive to TOH. Work out of hole and pull 48K over string weight. Pull BHA through curve and finish TOH. SDON. Lost total 97 bbls during day.

Note: After picking up fishing tools, well began to flow, pumped additional 80 bbls 2 % KCL Water to kill well. Pumped total 160 bbls kill fluid during day.



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Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 111.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
29,092.00	1,391,185.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Well static during night. TIH w/ 10 stands and break circ w/ 200 SCF N2 and 1/2 BPM w/foamer and 2% KCL. Well circulated clean. PU 3 jnts and end of tubing @ 1954, break circulation and well clean no sign of sand. PU 1 joint and manual swivel begin washing down and tag sand @ 1972 continue to wash down to 1987. Sand heavy at times. Circulate sand out of well bore f/5 hours. Pump sweeps every 1/2 hour. Well cleaned up and TOH and lay down 4 1/2" guide and PU 2 7/8" sawed tooth collar. TIH w/ 20 stand kill string. SDON.

Note: The trip out of hole was difficult in curve. Lots of drag but successful.



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Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 108.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
40,253.00	1,269,531.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location flow back personnell report well static during night. Attempt to pull BHA loose. Pulled 40K over, unsuccessful. Pumped 2 BPM down coil and work coil in tension. Pumped coil volume and pull up hole 85'. Stuck at new depth 2747. Confer w/ Jerry Trout, orders arrive to shut down pump and work pipe. Unsuccessful. Pump down csg w/ heavy KCL and foamer pump 10 bbls per minute and pump 85 bbls, slow to 1/4 bbl per minute and 1000 SCF N2. Pump coil volume w/ 1/2 bbl and 800 SCF N2. Surge csg @ manifold and attempt to pull fish loose. Unsuccessful. Orders arrive to allow well to sit and equalize over night and attempt pull tomorrow AM. Leave well open and turn to flow back personnell for possible flow overnight. SDON

Note: After pumping N2 down csg , pressure on backside @ 695# when surging operations began. Surged well 5 times in attempt to get movement on coil while surging. Tomorrow we will remove valve from discharge side of Schlumberger fluid pump and attempt to surge while pumping and get hammer effect from pump.



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County: Van Buren

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Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 109.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
67,682.00	1,337,213.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Well static through night. Pull 10K over string wt-no movement. Fill coil w/2% KCL and swap pumps to pump w/ discharge valve removed. Vibrate coil and work same in compression and pull to 45K. Unsuccessful. Increase rates to 4 barrels per minute to increase harmonics of pipe vibration. Still, unsuccessful. Cut coil above coil injector and install coil connector and TIW valve. Roll up excess onto coil reel and MIRU Dialog freepoint wireline unit. TIH to 1766 gravity feed and make freepoint run. Pipe free. Pump freepoint tools down to and run freepoint. Pipe stuck. TOH to 2645 and run free point and find pipe @ 60% free. TOH and lay down freepoint tools and PU chemical cutter. Immediate jump 4' up. TOH w/cutter and rig down wireline unit. Bend coil to meet and connect to reel. TOH w/ coil and rig down coil unit. SDON
Note: had minimal drag off bottom after coil cut.



Partner Report

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County: Van Buren

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Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 110.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
24,880.00	1,362,093.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Well static. MIRU Key workover unit. Transfer tubing to pipe racks and PU 3 joints 2 7/8" EUE 8rd J-55 tubing. PU x- over and install back pressure valve. PU 51 joints 2 3/8" EUE 8rd J-55 tubing off racks.

Begin pumping down tbg @ 1/2 bbl per minute w/ foamer and KCL concentrate and 200 SCF N2. Break circulation and circulate well f/ 1 hour and returns clean of sand. Pump 8 bbls and clear tbg of N2 and pull 10 stands and SDON.

Note: Wash string consists of 4 1/2" cutlip guide, 3 joints of 2 7/8" tbg, x over, 2 3/8" back pressure valve, 51 joints 2 3/8" and 2 3/8" back pressure valve. Pumped total 21 bbls 2% kcl and fluid equivalent of 78 bbls N2.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 115.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
24,883.00	1,534,801.00

Spud Date 6/26/2007		Completion Date 9/24/2007		Ground Elevation (ft) 1,686.00		KB-Ground Distance (ft) 21.00	
Survey Information							
Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Well static overnight. PU 2 3/8" collar and run on 1st joint. TIH w/ 50 joints and begin pumping N2 @ 500 SCF . Break circulation and returns clean of sand. Continue in hole w/ 100 jnts total and attempt to circulate. Begin pumping @ 500 SCF N2 and no returns. Increase N2 to 700 SCF and still no returns. TOH w/ 50 joints and break circulation @ 500 SCF N2. Continue to circulate and recover water @ 40 barrels per hour average. Jetting operations thru 7 PM. Well Continued to Flow Throughout Night. Flowed 19:00 hrs. 10-18-07 Until 07:00 hrs. 10-19-07, 292 BBIs. Total LW Recovered last 24 hrs. 476 BBIs. Continuing to Flow Back Load Water w/ tbg. @ set @ 1655'.

Description of Fish Left in Hole:

Top of Fish Left in Hole @ 3319.94
2" Coil Tbg. OD X 1.688" ID = 102.00'
1-Coil Connector 2.86" OD X 1.35" ID = .86
1-Dual Flapper Check Valve 2.86" OD = 1.20'
1-Hydraulic Disconnect 2.869" OD = 2.10
1-STs Hi Torque Motor = 12.80
1-5 Blade Mill 4.5" OD = 1.10
Total of 120.06'



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 117.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
24,784.00	1,584,255.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location well static overnight. Break circulation w/500 SCF N2 and heavy foamer sweeps. Stage in hole circulating, light sand down to 2384. Encounter heavy sand and circulate same out of hole. Continue staging in hole w/ 2 stands each time and wash medium sand @ 2782 & 3048. Continue in hole and encounter medium sand @ 3313. (10' off top of fish) Continue to wash and pump heavy foam sweeps. Sand volumes went from medium to light. TOH w/ 50 stands and allow well to flow overnight. SDON



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 122.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
25,719.00	1,710,717.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location, well flowed until 23:00 hrs. Break circulation w/ 500 SCF N2 and circulate medium sand out of well bore. TIH w/ total 90 jts. 2 3/8" tbg. 2982' Break circulation w/ 500 SCF N2 and foam sweeps. Circulate heavy sand out of well bore. TIH w/ 10 joints 2 3/8" tbg to 3317'. Break circulation w/ 500 SCF N2 and foam sweeps. Circulate light sand for balance of day. Pulled 50 jts of tbg to 1667'. Turned well over to Flow Back Crew & Left well open frac tank over night.

Total load water recovered last 24 hrs. 204 bbls.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 123.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
51,053.00	1,761,770.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location, well flowed until 04:00 hrs. Break circulation w/ 500 SCF N2 and circulate medium sand out of well bore. TIH w/ total 90 jts. 2 3/8" tbg. 2982' Break circulation w/ 500 SCF N2 and foam sweeps. Circulate medium sand out of well bore. TIH w/ 10 joints 2 3/8" tbg to 3317'. Break circulation w/ 500 SCF N2 and foam sweeps. Circulate light sand for balance of day. Pulled 50 jts of tbg to 1667'. Turned well over to Flow Back Crew & Left well open frac tank over night.

Note: At midday, lowered N2 to 200 SCF N2 and had increase in water production. Will pump @ same N2 rates during jetting operations on Saturday.

Total load water recovered last 24 hrs. 206bbbls.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 124.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
25,499.00	1,787,269.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location, well flowed until 21:00 hrs. Break circulation w/ 200 SCF N2 and circulate no sand out of well bore. TIH w/ total 90 jts. 2 3/8" tbg. 2982' Break circulation w/ 200 SCF N2 and foam sweeps. Circulate light sand out of well bore. TIH w/ 10 joints 2 3/8" tbg to 3317'. Break circulation w/ 200 SCF N2 and foam sweeps. Circulate light sand for balance of day. Pulled 50 jts of tbg to 1667'. Turned well over to Flow Back Crew & Left well open frac tank over night.

Total load water recovered last 24 hrs. 110 bbls.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 121.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
24,899.00	1,684,998.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Well static. Well Flowed until 22:00 hrs. Break circulation w/ 500 SCF N2 and pump foam sweeps. Heavy sand in returns early and clean well bore. TIH w/ total 70 joints total 2319. Break circulation w/500 SCF N2 and pump foam sweeps. Medium to light returns. Returns cleaned up and finish TIH w/ 100 joints to 3313'. Break circulation w/ 500 SCF N2 and pump 3 bbl foam Sweeps each half hour. Light sand in returns for balance of day. Made total 142 bbls load water for day. Had good show of gas throughout day. TOH w/ 50 jts 2 3/8" tbg. To 1667' & SDON.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 118.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
24,967.00	1,609,222.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location well static overnight. Break circulation w/ 50 joints in hole (1659) w/ 500 SCF N2 medium sand in returns. Circulate hole clean and TIH w/ 10 stands (1989) and break circulation again w/ 500 SCF N2. Circulate light sand out of hole and continue in hole w/ 100 joints total (3313) and jet well w/ 500 SCF N2 and regular foam sweeps. Circulation had medium to light sand all day. TOH w/ 50 joints and load backside w/ 300 SCF N2 and circulate backside clean of fluid. SDON Well Loaded up @ 20:15 hours & Dead @ Report Time This AM. 243 BBIs. Total LW Recovered Last 24 hrs.

Note: No Show of gas during day.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 119.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
25,138.00	1,634,360.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location well static. Well died @ 20:00 hrs. Break circulation w/500 SCF N2. Pump foam sweeps. TIH w/ 10 stands (1989) and circulate light sand out of hole. Continue in hole w/ 100 jnts total 3313 and jet well. Circulate medium to light sand for most of day. At 16:30 hrs, well gave up large amount of sand and 18 bbl slug of water. Worked pipe, very sticky, TOH w/ 25 stands and continue to circulate heavy sand out of hole. Well continued to flow until 22:00 hrs and died.

Total water recovered @ 235 bbls. Will continue jetting operations. No Show of gas.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 120.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
25,739.00	1,660,099.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NS Tie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location well static. Well died @ 05:00hrs. Break circulation w/500 SCF N2. Pump foam sweeps. TIH w/ 5 stands 1989 and circulate heavy sand out of hole. Continue in hole w/ 64 jnts total 2121 and jet well. Circulate heavy to medium sand for most of day. Work in hole washing w/ total 88 jnts 2916 and circulate heavy to medium sand for balance of day. Had show of Gas to surface @ mid day. TOH w/ 38 jnts and SDON. Total LW Recovered for day, 249 bbls.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 125.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
34,538.00	1,821,807.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location, well flowed until 22:00 hrs. Break circulation w/ 350 SCF N2 and circulate no sand out of well bore. TIH w/ total 90 jts. 2 3/8" tbg. 2982' Break circulation w/ 200 SCF N2 and foam sweeps. Circulate light sand out of well bore. TIH w/ 10 joints 2 3/8" tbg to 3317'. Break circulation w/ 350 SCF N2 and foam sweeps. Circulate light sand for balance of day. Pulled 50 jts of tbg to 1667'. Turned well over to Flow Back Crew & Left well open frac tank over night.

Note: Well unloaded water until 22:00 hrs then had slight blow all night. Unloaded 2 bbls @ 05:00 hrs and continued to have slight blow on csg. Total load water recovered last 24 hrs. 157 bbls.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 127.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
31,808.00	1,886,033.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location, R & R FTP & SICP. Break Circulation w/ 100 SCF N2 and Circulate no Sand out of Well Bore. TIH w/ total 90 jts. 2 3/8" tbg. To 2650' Break Circulation w/ 100 SCF N2 and Foam w/ sweeps. Circulate Light Sand out of Well Bore. TIH w/ 100 joints 2 3/8" tbg to 3317'. Break Circulation w/ 100 SCF N2 and Foam sweeps. Circulate Light Sand for 1 hour. RU Schlumberger to 2 3/8" tbg. & Pumped 10 bbls 2% KCL Water, tbg on Vacuum. RU & Pump 20 bbls 2% KCL Water Down 2 3/8" X 5 1/2" Annulus, TOH. LD Back Pressure Valves. PU XN Nipple & TIH w/ 58 jts. Cond A tbg as Follows:

57 jts. 2 3/8" EUE 8rnd 4.7# J-55 Cond A tbg. = 1886.96

1- 2 3/8" X 1.781 XN Nipple = 1.00

1jt. 2 3/8" EUE 8rnd 4.7# J-55 Cond A tbg. OE = 33.33

KB Bottom of Tbg @ = 1941.29

Nipple Down BOP. Install Wrap Around, Install 10k Xmas Tree w/ 5k Master Valve, 5k Wing Valve, & 5k adjustable choke. RU IPS to 5 1/2" X 2 3/8" annulus & Pumped N2 @ 250 SCF Until tbg. Kicked off Flowing. Flowed 30 bbls LW in 3 hrs. Turned Well over to Flow Back Crew. Flowing Back LW this AM. @ Average of 4 BLW p/ hr. Flowed Total of 132 bbls LW last 24 hrs. w/ FTP of 80 PSI & SICP of 170 PSI.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 106.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
37,809.00	1,194,258.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location well open overnight and did not flow Lay down jars and PU 4.50 BHA. TIH and tag plug remnant @ 3140, mill out same and continue in hole to PBTD @ 3443. Pump 10 bbl sweep to surface and cut rate to 1/2 barrel per minute & 500 SCF N2. Start off bottom and lost returns @ 2829. Stuck in hole. Adjust N2 rates and work pipe. Pumped N2 at varying rate from 300 thru 1000 SCF and did get returns. Orders arrive to shut down overnight and allow well to equalize and attempt to free tomorrow. Total fluid loss @ 471 bbl.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 116.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
24,670.00	1,559,471.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location well flowing overnight. Break circulation w/ 50 joints in hole (1675) @ 200 SCF N2 w/ no fluid pumping. Flow back sand at rates from heavy to light. Clean well bore w/ foam sweeps. TIH w/ 5 stands (60 joints in hole @ 2009'). Break circulation @ 200 SCF N2 and circulate heavy sand out of hole. Well began to load up and increase N2 to 500 SCF. Continue to circulate and pump foam sweeps each 1/2 hour. Clean well bore and TOH to 50 joints (1675) and turn well to flow back personnel. Well flowed f/ 2 hours and died @ 21:00 hours.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 126.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
32,418.00	1,854,225.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Well flowed until 02:00 hrs. Break circulation w/ 350 SCF N2 and circulate no sand out of well bore. TIH w/ total 80 jts. 2 3/8" tbg. 2650' Break circulation w/ 350 SCF N2 and foam sweeps. Circulate medium sand out of well bore. TIH w/ 20 joints 2 3/8" tbg to 3317'. Break circulation w/ 350 SCF N2 and foam sweeps. Circulate light sand for balance of day. Pulled 50 jts of tbg to 1667'. Turned well over to Flow Back Crew & Left well open frac tank over night.

Note: Well unloaded water until 02:00 hrs then had slight blow all night. Flowback personnel report returns had light to medium sand in returns for most of night.

Total load water recovered last 24 hrs. 184 bbls.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 128.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
11,200.00	1,897,233.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NS Tie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

At 14:00 hrs. Found Choke on Xmas Tree Partially Plugged, Removed Choke Seat & Continue Flow Testing This AM. Flowed 120 bbls. LW w/ 41 PSI FTP, SICP 130 PSI, & 414 MCFD in 24 hrs. Flowed 7 bbls LW last hr. Made traces of sand throughout day. Released WSU



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 132.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
2,700.00	1,908,033.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NS Tie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

SI @ 08:00 hrs WOPL. Flowed 86 bbls. LW w/ 35 PSI FTP, SICP 120 PSI, & 307 MCFD in 24 hrs. Flowed 2 bbls LW last hr. Made traces of sand throughout day.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 129.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
2,700.00	1,899,933.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NS Tie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment
Continue Flow Testing This AM. Flowed 122 bbls. LW w/ 40 PSI FTP, SICP 127 PSI, & 387 MCFD in 24 hrs. Flowed 5 bbls LW last hr. Made traces of sand throughout day.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 130.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
2,700.00	1,902,633.00

Spud Date 6/26/2007		Completion Date 9/24/2007		Ground Elevation (ft) 1,686.00		KB-Ground Distance (ft) 21.00	
Survey Information							
Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Continue Flow Testing. Flowed 104 bbls. LW w/ 40 PSI FTP, SICP 120 PSI, & 372 MCFD in 24 hrs. Flowed 4 bbls LW last hr. Made traces of sand throughout day.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 97.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
1,775.00	82,533.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Move in additional 3 frac tanks. Move 7 on back of location. Transfer BOP trailer to Kamalmaz get location equipment moved around for rig up of frac equipment. We will have total 13 tanks on back of location. Frac lead treater approved number of tanks as well as placement. Lay transfer lines from Kamalmaz water source to Vaughan. SDON



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 93.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
16,300.00	19,000.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NS Tie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

9/24/07: Canary Installed 7 1/16" FE 10k Frac Valve on Tbg. Head

9/25/07: MI Equipment & Water Lines To Fill Frac Tanks.

RU Halliburton & Ran CBL-GR-CCL From Refusal Depth 1871'. Found TOC @ 890'. Cement Bond From 1871' to TOC @ 890' Fair.

Ran 4.68 GR & JB From 1856' to Surface. RD Halliburton & Secure Well.

9/26/07: MI Water Line Equipment



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 94.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
25,758.00	44,758.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

RU WSU. NU 5000 PSI BOP. PU 4 3/4" Varel Bit & 5 1/2" Csg Scraper on 2 3/8" 4.7# J-55 Tbg.

TIH & Rabbit Each Jt to PBTD 3440'. RU Pressure Truck To 2 3/8" X 5 1/2" Annulus & Reverse Circulate Hole w/ 93 bbls. 2% KCL Water. TOH w/ 2 3/8" Tbg. Secure Well & SDON.

118 Total Jts of 2 3/8" New tbg on Location. Transfer 15 Jts Xfered From Kamalmaz 1-13h. Shut 10k Frac Valve on Tbg. Head RU Pressure Truck to 5 1/2" Csg & Pressure Test Csg. & Frac Valve to 8500 PSI. Good Test. Secure Well & SDON.

Rain For Rent Moving In Frac Tanks & Impact Laying Water Lines for Frac.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 95.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
23,000.00	67,758.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location well pressure @ 0. PU Halliburton Vann guns (3 3/8" 6 spf @ 60 deg phase)space out same and TIH, correlate to tubing tally and land same. Close pipe rams and secure tbg w/ chain and boomer. Tie onto csg valve w/ pressure truck and pressure up to 3200# and set off fuses on top 4 guns, tbg pumped out of hole. Latch onto tbg and lower bent joint back into firing position. Wait for guns to fire on zone. Top 4 guns fired in zone as per: 3180-82; 3240-42; 3300-02; 3360-62. Did not reach sufficient pressure to fire bottom gun.

TOH w/ spent guns and all shots fired on top 4 guns. Lay down same and PU bottom gun and TIH. Space out and correlate to tubing tally. Pressure tbg up to 3800 and fire gun @ 3420-22 in zone. TOH laying down tbg and find all shots fired on spent gun. Rig down Key workover unit and move to side of location.

MIRU Canary wellhead and install frac stack as per: 7 1/16" 10K double wing flow cross; and 7 1/16" 10K hydraulic operated frac valve. Pressure test stack on top of bottom frac valve w/ outside valves on wings closed. Positive test on same. Test hydraulic open and close on top frac valve several times for efficiency. Positive test on same. Rig down Canary crew and SDON.



Partner Report

Well Name: Vaughan 1-18H

State: Arkansas

County: Van Buren

Location: SHL: 1128' FSL & 1355' FEL; PBHL: 3987' FSL & 4107' FEL

Rig Contr.:

Activity:

Last Csg: Production, 3,507.0ftKB

API: 03-141-10151

DSS: 96.33

AFE No.: USA 07001

TD:

Footage:

Mud Properties

Dens (lb/gal)	Vis (s/qt)

Total Costs to Date

Daily Cost Total	Cum Cost To Date
13,000.00	80,758.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
6/26/2007	9/24/2007	1,686.00	21.00

Survey Information

Date	Description	Azimuth Tie In (°)	EW Tie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVD Tie In (ftKB)
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Activity Last 24 Hours

Comment

Arrive on location well secure. Move in and stack 4 additional frac tanks on location. 10 tanks total on location. Meet w/ water transfer and frac tank personnell for rig up of equipment for next week frac. SDON