

Well Name: Vaughan 2-18

Report # 1.0, Report Date: 5/1/2008

API/UWI 03-141-10357	Surface Legal Location 1140 FSL & 1335 FEL Sec 18, Twn 11 N, Rng 16 W	License No.	Field Name B-43	State/Province Arkansas
Well Configuration Type Vertical	Original KB Elevation (ft) 1,696.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Head Distance (ft)

Primary Job Type Initial Completion			Secondary Job Type Initial Completion		
Objective Initial Completion					
Contractor				Rig Number	
AFE Number		Total AFE Amount		Daily Cost Total 7,213.00	
				Cum Cost To Date 7,213.00	
Weather Good		T (°F)	Road Condition		Rig Time (hrs)
			Tubing Pressure (psi)		Casing Pressure (psi)
Job Contact		Title			Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Code 2	Comment
00:00	00:00				MIRU HLS. RIH with logging tool. Tag up at 1160' PU on & run GR/CBL from 1154' to 200'. TOC at 310'. Good bond. POOH & RD HLS. MI Premier WS to Ballard. Do not RU.

Report Fluids Summary

Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks

Time	Description	Type	Comment

Logs

Date	Type	Top (ftGRD)	Btm (ftGRD)	Cased?
				No

Perforations

Date	Zone	Top (ftGRD)	Btm (ftGRD)	Current Status

Date		Zone		Type		Stim/Treat Company	
Stg No.	Stage Type	Top (ftGRD)		Btm (ftGRD)		V (pumped) (bbl)	

Other In Hole

Description	Run Date	OD (in)	Top (ftGRD)	Btm (ftGRD)

Cement

Description	Start Date	Cement Comp



Partner Report

Well Name: Vaughan 2-18

State: Arkansas

County: Van Buren

Location: 1140 FSL & 1335 FEL Sec 18, Twn 11 N, Rng 16 W

Rig Contr.:

Activity:

Last Csg: Production, 1,223.0ftKB

API: 03-141-10357

DSS: 52.29

AFE No.:

TD:

Footage:

Mud Properties

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

Total Costs to Date

Daily Cost Total	Cum Cost To Date
11,029.00	20,067.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/17/2008		1,686.00	10.00

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

MIRU Premier WS.

Off Load 1200 ft. of 2 3/8" 4.70# J-55 tbg., NU BOP's to Well Head.

Talley 2 3/8" 4.70# J-55 Tbg.

PU 2-3/8" tbg w/ 4-3/4" bit w/ 5-1/2" casing scrapper & TIH & tag PBTB tbg measurement @1199'

RU Swab to Swab well Down.

RIH w/swab IFL 700', POOH w/swab @ SN 1199' . Rec 1.5 bbls. Made 8 runs. Well is swabbed dry down to 1199', no fluid rise, Rd swab. MIRU Enertech WL to perforate well.

RIH w/ 3-3/8" guns 4 spf 60 degree phasing DP charges & Gamma Ray corralate log back to CBL. Tag up on btm w/guns & log up to 180' to correlate log, found on depth, line up to perforate & perforate well at 1072' -1080' & 1090'-1095'. .53 holes, .42" entry hole, 47.36" pent, 3-3/8" gun. Monitor psi on well, SIP = 0 psi when guns fired, POOH w/ WL.

RD Enertech WL & release from location.

SIP = 0 psi, RIH w/ 2-3/8" 4.70# J-55 tbg, & 1.10' SN land tbg @ 1141'.

PU lubricator & Swab well, TF at 1121', rec 1/4 bbl of fluid, Run #2 TF at 1121' rec bbl of fluid, small gas show but cannot measure gas, same on runs #3, thru # 7, but no gas show.

Secure well & SDFN. Will check pressures and swab in the AM.

No Activity



Partner Report

Well Name: Vaughan 2-18

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Location: 1140 FSL & 1335 FEL Sec 18, Twn 11 N, Rng 16 W

Rig Contr.:

Activity:

Last Csg: Production, 1,223.0ftKB

API: 03-141-10357

DSS: 53.29

AFE No.:

TD:

Footage:

Mud Properties

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

Total Costs to Date

Daily Cost Total	Cum Cost To Date
7,250.00	27,317.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/17/2008		1,686.00	10.00

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

SITP 15 # Psi
RIH w/Swab IFL 700ft Pull fr SN rec 1/2 bbl
#2 run swab tag fl @ 940 ft pull fr SN rec 1/2 bbl gas show @ end of swab
RIH w/swab tag fl @ 500ft fr SN rec 1/2 bbl w/ gas mist well blew for 5 mins.
RIH w/ swab tag fl @ 700ft rec 1/4 bbl well unloaded 1 bbl of fl.
RIH w/ swab tag fl @ 700ft fr SN rec 1/4 bbl.
RIH w/ swab tag fl @ 700ft fr SN rec 1/4 bbl fl.
MIRU JM pump truck w/ 50bbls min of 1% KCL.
Pump dwn tbq @ 1.5 bpm caught psi w/ 27 bbls, pressure up to 2000 psi formation broke back to 1700 psi pump in w/ 23bbls.
RD JM pump truck & rel fr loc.
RIH w/ swab tag fl @ 500ft pull fr SN rec 1/2 bbl w/ no gas..30
RIH w/swab tag @ 700ft rec 1/4 bbl w/ gas show & 25# psi.
RIH w/ swab tag fl @ 940ft rec 10 gals fl w/ good gas show & 32# psi well unloaded 1 bbl on it"s on.
RIH w/ swab tag fl @ 900ft rec 10 gals w/ gas show & 32# psi
RIH w/ swab tag @ 900ft milk well rec 1/2 bbl fl w/ 32# psi well flowing for 10 mins. then died out..60
RIH w/ swab tag @ 940ft milk well rec 1/4 bbl of fl. well flowing w/ 32#-25# psi for 12 mins.
RIH w/ swab tag fl @ 940ft milk well rec 1/4 bbl fl w/ 32# psi well flowing.
RIH w/swab tag fl @ 900ft milk well rec 1/4 bbl fl well psi @ 25 psi
Total bbls in 50 bbls Total bbls rec 6.25. Secure well & SDFN.



Partner Report

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Rig Contr.:

Activity:

Last Csg: Production, 1,223.0ftKB

API: 03-141-10357

DSS: 54.29

AFE No.:

TD:

Footage:

Mud Properties

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

Total Costs to Date

Daily Cost Total	Cum Cost To Date
6,600.00	33,917.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/17/2008		1,686.00	10.00

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=150#psi- RIH w/ swab tag fl @ 700 ft. Pull fr SN rec1/2 bbl. Swab & tag @ 900 ft milk well & rec 1/4bbl., well has gas show. RIH w/ swab tag fl @ 940 ft milk well fr SN rec 10 gals fl, well has 25# psi RIH w/ swab tag fl @ 940 milk well rec 10 gal w/ 25 # Psi. RIH w/ swab tag fl @ 900 milk well & rec 1/4 bbl pressure @ 25# Psi. Well will flow @ 25#. RIH w/ swab tag fl @ 900 ft milk well rec 1/4 bbl fl w/ 25 psi RIH w/ swab tag fl @ 900 milk well rec 10 gals fl well will hold 25# psi. RIH w/ swab tag fl @ 940 milk well rec 10 gals fl well psi @ 25 psi. RIH w/ swab & tag fl @ 900 milk well rec 10 gals of fl w/ 25# psi. RIH w/ swab tag fl @ 900ft rec 1/4 bbl. w/ 28# psi RIH w/ swab tag fl @ 900 ft milk well rec 1/4 bbl w/ 25# psi Secure well SDFN. No Activity



Partner Report

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Location: 1140 FSL & 1335 FEL Sec 18, Twn 11 N, Rng 16 W

Rig Contr.:

Activity:

Last Csg: Production, 1,223.0ftKB

API: 03-141-10357

DSS: 55.29

AFE No.:

TD:

Footage:

Mud Properties

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

Total Costs to Date

Daily Cost Total	Cum Cost To Date
500.00	34,417.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/17/2008		1,686.00	10.00

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

SICP 120# psi. Open well to flow back. In 40 min well pressure # psi w/ steady blow. Well went to 0# psi and died @ 4:30pm. SWI and SWFN. Well pressure @ 25# psi gas = 6600



Partner Report

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Rig Contr.:

Activity:

Last Csg: Production, 1,223.0ftKB

API: 03-141-10357

DSS: 57.29

AFE No.:

TD:

Footage:

Mud Properties

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

Total Costs to Date

Daily Cost Total	Cum Cost To Date
2,460.00	36,877.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/17/2008		1,686.00	10.00

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 140# psi after bleed off RIH w/ swab, tag fl @ 700' rec 1/2 bbl fl.
2nd run RIH w/ swab, tag fl @ 900' rec 1/4 bbl of fl.
RD Premire Well Service @ move to Kamalmaz 3-13H.



Partner Report

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Rig Contr.:

Activity:

Last Csg: Production, 1,223.0ftKB

API: 03-141-10357

DSS: 115.29

AFE No.:

TD:

Footage:

Mud Properties

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

Total Costs to Date

Daily Cost Total	Cum Cost To Date
17,970.00	75,146.51

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/17/2008		1,686.00	10.00

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

Deliver and set Beam. MIRU DDP. ND Prod tree. Remove wrap around. Ld 1 jt of tubing measuring 32.48'. PUMU RIH w/3 subs measuring 2.18', 10.04', and 10.04'. PUMU 1 - 3 1/8" blast jt measuring 9.86'.

LD total of 32.48'. Picked up total of 32.12'.

EOT @ 1141'.



Partner Report

Well Name: Vaughan 2-18

State: Arkansas

County: Van Buren

Location: 1140 FSL & 1335 FEL Sec 18, Twn 11 N, Rng 16 W

Rig Contr.:

Activity:

Last Csg: Production, 1,223.0ftKB

API: 03-141-10357

DSS: 116.29

AFE No.:

TD:

Footage:

Mud Properties

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

Total Costs to Date

Daily Cost Total	Cum Cost To Date
17,970.00	78,376.51

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/17/2008		1,686.00	10.00

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

Deliver and set Beam. MIRU DDP. ND Prod tree. Remove wrap around. Ld 1 jt of tubing measuring 32.48'. PUMU RIH w/3 subs measuring 2.18', 10.04', and 10.04'. PUMU 1 - 3 1/8" blast jt measuring 9.86'.

LD total of 32.48'. Picked up total of 32.12'.

EOT @ 1141'.



Partner Report

Well Name: Vaughan 2-18

State: Arkansas

County: Van Buren

Location: 1140 FSL & 1335 FEL Sec 18, Twn 11 N, Rng 16 W

Rig Contr.:

Activity:

Last Csg: Production, 1,223.0ftKB

API: 03-141-10357

DSS: 117.29

AFE No.:

TD:

Footage:

Mud Properties

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

Total Costs to Date

Daily Cost Total	Cum Cost To Date
12,440.00	90,816.51

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/17/2008		1,686.00	10.00

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= 108# psi. Add 20 bbls to fill tbg & csg. Pressure up to test lines @ 900# psi leg pin on wrap around flange leaked. Called Canary Wellhead to replace pin. Pressure back up & BD formation @ 1014 psi, pump in w/ no acid. SD mini frac w/ .54 psi/ft FG & 120 # psi. Increased pad as per program post job.

Treatment

Pad Volumes= 7,200

Sand Volumes= 14,375 gals.

Prop Mass= 40,000 lbs.

Flush Volumes= 24.6

Rate= 30 Bpm

Max Psi= 6200 psi

Note: Impact to flow back well.

6:00 a.m.- Csg= 160# psi. TBR= 11. Will swab this a.m.



Partner Report

Well Name: Vaughan 2-18

State: Arkansas

County: Van Buren

Location: 1140 FSL & 1335 FEL Sec 18, Twn 11 N, Rng 16 W

Rig Contr.:

Activity:

Last Csg: Production, 1,223.0ftKB

API: 03-141-10357

DSS: 118.29

AFE No.:

TD:

Footage:

Mud Properties

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

Total Costs to Date

Daily Cost Total	Cum Cost To Date
6,575.00	97,391.51

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/17/2008		1,686.00	10.00

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

MIRU Parker Swab Unit. Csg @ 150# psi, & Tbg @ 0# psi. RU Swab & RIH tag IFL @ 600 ft, pull swab fr 1000 ft. Rec 24.5 bbls of fl. Made 8 total runs on the 8th run have sand in cups, try to go back in hole & set down, pull out & wait on JM w/ pump truck. RU JM to wellhead to pump down tbg psi @ 1000# could not move sand plug, tie on backside try to pump back up well drinking water. SD. Could not make any hole down tbg. Will move in completion rig next a.m. Secure well & SDFN.



Partner Report

Well Name: Vaughan 2-18

State: Arkansas

County: Van Buren

Location: 1140 FSL & 1335 FEL Sec 18, Twn 11 N, Rng 16 W

Rig Contr.:

Activity:

Last Csg: Production, 1,223.0ftKB

API: 03-141-10357

DSS: 119.29

AFE No.:

TD:

Footage:

Mud Properties

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

Total Costs to Date

Daily Cost Total	Cum Cost To Date
16,523.00	133,079.35

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/17/2008		1,686.00	10.00

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

MIRU Premier WS ND Production Tree & NU BOP's to wellhead. POOH w/ all 2 3/8" tbg, the 3rd stand had sand plug knock out plug, Con't to pull tbg more sand on 6th stand, finish out w/ tbg. RIH w/ SN open set down solid on sand 2 ft off perfs. NU JM pump truck & wash sand to btm. ND BOP's & NU Production tree. RD JM & Premier WS. Move off loc. Btm by Tbg @ 1188 ft. MIRU Parker Swab Unit. RIH w/ swab & tag IFL @ 700 ft pull fr 1030 ft. Ran 1 cup for 15 runs to be careful of sand, then add # 2 cup on last 5 runs, total 20 runs & 23 bbls fl. Secure well & SDFN.

Note: Land Tbg @ 1064 ft.



Partner Report

Well Name: Vaughan 2-18

State: Arkansas

County: Van Buren

Location: 1140 FSL & 1335 FEL Sec 18, Twn 11 N, Rng 16 W

Rig Contr.:

Activity:

Last Csg: Production, 1,223.0ftKB

API: 03-141-10357

DSS: 120.29

AFE No.:

TD:

Footage:

Mud Properties

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

Total Costs to Date

Daily Cost Total	Cum Cost To Date
5,645.00	138,724.35

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/17/2008		1,686.00	10.00

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

SICP= 75# psi, SITP= 0# psi RIH w/ swab tag IFL @ 800 ft, pull fr 1000 ft. After 22 runs Csg builds up to 125# psi, Con't to swab well. RIH w/ swab on run 31 fl level @ 900 ft pull fr SN @ 1064 ft. ON run 37 well is kicking in Tbg between 15# & 22# psi, Csg @ 125 # psi well flowing to production tank. At this time fl is heavy @ 9.3 wt. Well con't to flow 2 hrs & 15 mins then died out w/ no Tbg psi, well loaded up. Will swab next a.m. Secure well & SDFN.



Partner Report

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State: Arkansas

County: Van Buren

Location: 1140 FSL & 1335 FEL Sec 18, Twn 11 N, Rng 16 W

Rig Contr.:

Activity:

Last Csg: Production, 1,223.0ftKB

API: 03-141-10357

DSS: 121.29

AFE No.:

TD:

Footage:

Mud Properties

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

Total Costs to Date

Daily Cost Total	Cum Cost To Date
7,435.00	146,159.35

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/17/2008		1,686.00	10.00

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 = 140# psi. SITP = 0# psi. Open well allow well to blow down. RU & RIH w/ swab tag IFI @ 800 ft pull fr 1000 ft. Made 8 total runs on 8 th run fl had a 200 ft rise in fl, swabing to SN, well started to flowback to work tank. Water slurry is still heavy @ 9.3#, drop soap to get slurry lighter, and flow stronger. Call Triple Trans to unload work tank. Flow well 24 hrs. w/ rig hands allow impact to RDMO. Unload 94 bbls of production water fr Triple Trans. Tbg @ 30# psi, Csg @ 140#. Still flowing Vaughan 2-18. Well still cleaning up.



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Rig Contr.:

Activity:

Last Csg: Production, 1,223.0ftKB

API: 03-141-10357

DSS: 122.29

AFE No.:

TD:

Footage:

Mud Properties

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

Total Costs to Date

Daily Cost Total	Cum Cost To Date
	146,159.35

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/17/2008		1,686.00	10.00

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

Continued to Flow well Back to the Produced water tanks and released, all equipment on location, Nitrogen 17 %



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Rig Contr.:

Activity:

Last Csg: Production, 1,223.0ftKB

API: 03-141-10357

DSS: 123.29

AFE No.:

TD:

Footage:

Mud Properties

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

Total Costs to Date

Daily Cost Total	Cum Cost To Date
	146,159.35

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/17/2008		1,686.00	10.00

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
Turned Well into sales line, Nitrogen under 10%.