



## Partner Report

Well Name: Roberts 1-13H

State: Arkansas

County: Van Buren

Location: SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

Rig Contr.:

Activity:

Last Csg: Production, 4,580.0ftKB

API: 03-141-10360

DSS: 73.29

AFE No.: USA08008

TD:

Footage:

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
12,350.00	12,350.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### 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)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

#### Comment

Finish RU on Premier WS NU BOP's & PU all 2-3/8" tbg w/ 4-1/2" bit & csg scrapper.

Tag up btm @ 4517, POOH w tbg & bit w/ scrapper stand back in derrick.

Will test csg next am then RU Halliburton w/ TCP guns next am.



## Partner Report

**Well Name:** Roberts 1-13H

**State:** Arkansas

**County:** Van Buren

**Location:** SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

**Rig Contr.:**

**Activity:**

**Last Csg:** Production, 4,580.0ftKB

**API:** 03-141-10360

**DSS:** 74.29

**AFE No.:** USA08008

**TD:**

**Footage:**

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
21,200.00	33,550.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### 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)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

Comment
MIRU JM WTR Services to test csg & BOP"S. Test @ 4000# psi. Pump in 78 bbls of 1% KCL w/ biocide pressure up to 4000# & test. Test holding good. PU 2-3/8" tbg w 3-3/8" TCP guns & RIH w/ tbg & guns tag up w/ btm then space out guns.  After space out guns pressure up to 1600 psi & fire btm gun 3-3/8" TDF then fire delays pump in @ 3 bpm w/ 20 bbls of 1% KCL. Perforations from 3,998 - 4,408. Loaded 4 spf 60 degree phasing.  ISIP = 1100 psi, 5 min = 850 psi, 10 min = 800 psi . LD tbg & guns. Secure Well SDFN.



## Partner Report

Well Name: Roberts 1-13H

State: Arkansas

County: Van Buren

Location: SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

Rig Contr.:

Activity:

Last Csg: Production, 4,580.0ftKB

API: 03-141-10360

DSS: 75.29

AFE No.: USA08008

TD:

Footage:

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
10,380.00	43,930.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### 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)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

Comment
After LD on tbg, ND BOP's & NU Production Tree from Canary. NU Flo Cross to well for frac. RD Premier & move rig to Owen loc.



## Partner Report

Well Name: Roberts 1-13H

State: Arkansas

County: Van Buren

Location: SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

Rig Contr.:

Activity:

Last Csg: Production, 4,580.0ftKB

API: 03-141-10360

DSS: 76.29

AFE No.: USA08008

TD:

Footage:

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
	43,930.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### 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)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

Comment
Impact wtr tranfer working to fill tanks.



## Partner Report

Well Name: Roberts 1-13H

State: Arkansas

County: Van Buren

Location: SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

Rig Contr.:

Activity:

Last Csg: Production, 4,580.0ftKB

API: 03-141-10360

DSS: 77.29

AFE No.: USA08008

TD:

Footage:

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
	43,930.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### 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)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

Comment
Activity for yesterday Impact wtr transfer. No cost



## Partner Report

Well Name: Roberts 1-13H

State: Arkansas

County: Van Buren

Location: SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

Rig Contr.:

Activity:

Last Csg: Production, 4,580.0ftKB

API: 03-141-10360

DSS: 79.29

AFE No.: USA08008

TD:

Footage:

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
	43,562.00

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### 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)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

Comment
No activity, standby on frac crew.



## Partner Report

**Well Name: Roberts 1-13H**

**State: Arkansas**

**County: Van Buren**

**Location: SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL**

**Rig Contr.:**

**Activity:**

**Last Csg: Production, 4,580.0ftKB**

**API: 03-141-10360**

**DSS: 79.29**

**AFE No.: USA08008**

**TD:**

**Footage:**

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
219,381.01	262,943.01

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### 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)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

#### Comment

SICP 0 PSI. Pump 35 Bbls 15% HCl acid @ 7 BPM. Breakdown pressure 1009 psi. Step rate to 50 BPM. SD ISIP 387 psi. FG .67 psi/ft. Continue fracing Stg 1 using a 1% KCL slickwater system. Ramped 40/70 mesh sand stages from .20 - 1.60 ppg containing 250100# 40/70 mesh sand. MxIR= 100 Bpm, AIR= 80 Bpm, MxIP= 4875 psi, AIP= 3422 psi. Ending ISIP= 582 psi, 1 min= 507 psi, 5 min 406 psi. (Total Prop 250100#). Ending FG .79 psi/ft. TLWTR 9680 Bbls.

RIH & set 5-1/2 HES CFP @ 3885 and perforate Lower Fayetteville Shale Stg 2 @ 3427-3837 OA (48 holes) W/ 3-3/8" perforating guns loaded W/ 21 gm charges (0.46" EHD & 34.90" TP) @ 4 spf & 60° phasing. All guns fired. POOH W/ guns. TLWTR= 16 Bbls.

SICP 467 PSI. Pump 35 Bbls 15% HCl acid @ 7 BPM. Breakdown pressure 1598 psi. Step rate to 50 BPM. SD ISIP 900 psi. FG .99 psi/ft. Continue fracing Stg 2 using a 1% KCL slickwater system. Ramped 40/70 mesh sand stages from .20 - 1.60 ppg containing 251840# 40/70 mesh sand. MxIR= 100 Bpm, AIR= 87 Bpm, MxIP= 3764 psi, AIP= 2733 psi. Ending ISIP= 985 psi, 1 min= 949 psi, 5 min 885 psi. (Total Prop 251840#). Ending FG 1.04 psi/ft. TLWTR 9490 Bbls.

RIH & set 5-1/2 HES CFP @ 3304 and perforate Lower Fayetteville Shale Stg 3 @ 2855-3266 OA (48 holes) W/ 3-3/8" perforating guns loaded W/ 21 gm charges (0.46" EHD & 34.90" TP) @ 4 spf & 60° phasing. All guns fired. POOH W/ guns. TLWTR= 12 Bbls.



## Partner Report

**Well Name:** Roberts 1-13H

**State:** Arkansas

**County:** Van Buren

**Location:** SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

**Rig Contr.:**

**Activity:**

**Last Csg:** Production, 4,580.0ftKB

**API:** 03-141-10360

**DSS:** 80.29

**AFE No.:** USA08008

**TD:**

**Footage:**

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
108,182.24	371,125.25

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

#### Comment

SICP= 0 psi- Pump 36 bbls of 15% HCl @ 7 bpm. Pump Pre pad @ 355bbls FG=.79. Ramped 40/70 sand @ .20- 1.60 Breakdown 1009# psi @ 100 bpm( Total sand 250,100) MTP= 4875. Av is 3420. TWTR= Total Sand is 250,100#.

ISIP= 582# psi. 5 Min= 406# psi, WTR= 9680.

MIRU JW WL & RIH w. cage type ball plug & 3-3/8" gun under pressure..Could not get depth w/ gun plug. Call for tractor to help gun. after we get down set plug @ 3000ft. Test OK. Perf-3998-4408. 4 spf 60 dgree, phasing.

RIH w/ ball ttype plug fr Hallibuton 5-1/2" & set @3000 ft, Test OK. Perf From3998-4,408.

SICP 165 PSI. Pump 35 Bbls 15% HCl acid @ 7 BPM. Breakdown pressure 2131 psi. Step rate to 50 BPM. SD ISIP 958 psi. FG 1.02 psi/ft. Continue fracing Stg 3 using a 1% KCL slickwater system. Ramped 40/70 mesh sand stages from .20 - 1.60 ppg containing 251580# 40/70 mesh sand. MxIR= 100 Bpm, AIR= 85 Bpm, MxIP= 3287 psi, AIP= 2235 psi. Ending ISIP= 1073 psi, 1 min= 999 psi, 5 min 912 psi. (Total Prop 251580#). Ending FG 1.09 psi/ft. TLWTR 9672 Bbls.

RIH & set 5-1/2 HES CFP @ 2733 and perforate Lower Fayetteville Shale Stg 4 @ 2284-2694 OA (48 holes) W/ 3-3/8" perforating guns loaded W/ 21 gm charges (0.46" EHD & 34.90" TP) @ 4 spf & 60° phasing. All guns fired. POOH W/ guns. TLWTR= 7 Bbls.





## Partner Report

**Well Name:** Roberts 1-13H

**State:** Arkansas

**County:** Van Buren

**Location:** SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

**Rig Contr.:**

**Activity:**

**Last Csg:** Production, 4,580.0ftKB

**API:** 03-141-10360

**DSS:** 81.29

**AFE No.:** USA08008

**TD:**

**Footage:**

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
208,604.92	579,730.17

Spud Date 3/31/2008		Completion Date		Ground Elevation (ft) 1,614.00		KB-Ground Distance (ft) 15.00	
Survey Information							
Date 5/24/2008	Description Drill Curve	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)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

#### Comment

SICP 178 PSI. Pump 35 Bbls 15% HCl acid @ 7 BPM. Breakdown pressure 2324 psi. Step rate to 50 BPM. SD ISIP 971 psi. FG 1.03 psi/ft. Continue fracing Stg 4 using a 1% KCL slickwater system. Ramped 40/70 mesh sand stages from .20 - 1.80 ppg containing 249540# 40/70 mesh sand. MxIR=100 Bpm, AIR= 80 Bpm, MxIP= 4095 psi, AIP= 2448 psi. Ending ISIP= 1090psi, 1 min= 1029 psi, 5 min 930 psi. (Total Prop 249540#). Ending FG 1.10 psi/ft. TLWTR 8308 Bbls.

RIH & set 5-1/2 HES CFP @ 2162 and perforate Lower Fayetteville Shale Stg 5 @ 1713-2123 OA (48 holes) W/ 3-3/8" perforating guns loaded W/ 21 gm charges (0.46" EHD & 34.90" TP) @ 4 spf & 60° phasing. All guns fired. POOH W/ guns. TLWTR= 37 Bbls.

SICP 537 PSI. Pump 35 Bbls 15% HCl acid @ 7 BPM. Breakdown pressure 2505 psi. Step rate to 50 BPM. SD ISIP 907 psi. FG .99 psi/ft. Continue fracing Stg 5 using a 1% KCL slickwater system. Ramped 40/70 mesh sand stages from .20 - 1.80 ppg containing 251680# 40/70 mesh sand. MxIR= 100 Bpm, AIR= 80 Bpm, MxIP= 4093 psi, AIP= 3077 psi. Ending ISIP= 1049 psi, 1 min= 884 psi, 5 min 822 psi. (Total Prop 251680#). Ending FG 1.08 psi/ft. TLWTR 8676 Bbls.



## Partner Report

**Well Name:** Roberts 1-13H

**State:** Arkansas

**County:** Van Buren

**Location:** SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

**Rig Contr.:**

**Activity:**

**Last Csg:** Production, 4,580.0ftKB

**API:** 03-141-10360

**DSS:** 82.29

**AFE No.:** USA08008

**TD:**

**Footage:**

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
81,827.24	554,275.17

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### 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)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

#### Comment

SICP= 0 psi. am. H.S.M. MIRU 2" CTU, FP, and N2 pump. RIH W/ 2" CT, 4-5/8" junk mill, and 2-7/8" PDM motor. Tagged and drilled out 5-1/2" HES CFP 1st CFP @ 2164' CTM, 2nd CFP @ 2733' CTM. Tag 3rd plug @ 3304', pump 20 bbls gel sweep. As of this writing, making short trip to 1600' to clean out well bore.

#### Drill out notes:

After each CFP was drilled out pumped 20 Bbl gel sweep, RIH to next CFP checking weight of CT every 500' P/U to 20 degree inclination (short trip). Pumped nitrogen on short trips if necessary to insure well bore was clean before proceeding to next CFP.



## Partner Report

**Well Name:** Roberts 1-13H

**State:** Arkansas

**County:** Van Buren

**Location:** SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

**Rig Contr.:**

**Activity:**

**Last Csg:** Production, 4,580.0ftKB

**API:** 03-141-10360

**DSS:** 83.29

**AFE No.:** USA08008

**TD:**

**Footage:**

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
47,708.00	586,983.17

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### 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)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

#### Comment

Continue CT OPPS, Tagged and drilled out 5-1/2" HES CFP 3rd CFP @ 3304' CTM, 4th CFP @ 3884' CTM, pump 20 bbls gel sweep. Made short trip to 1600'. RIH to 4513' CTM with no tags. POOH, change out mill and motor for wash nozzle. RIH washing to 4513' CTM with no tags. Pumping 300 SCF jetting well. Circulating on bottom for 30 minutes, pull up hole @ 10' per minute to 3500', then run back in hole @ 10' per minute to 4513' CTM and jetting for another 30 minutes.

#### Drill out notes:

After each CFP was drilled out pumped 20 Bbl gel sweep, RIH to next CFP checking weight of CT every 500' P/U to 20 degree inclination (short trip). Pumped nitrogen on short trips if necessary to insure well bore was clean before proceeding to next CFP.



## Partner Report

**Well Name:** Roberts 1-13H

**State:** Arkansas

**County:** Van Buren

**Location:** SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

**Rig Contr.:**

**Activity:**

**Last Csg:** Production, 4,580.0ftKB

**API:** 03-141-10360

**DSS:** 84.29

**AFE No.:** USA08008

**TD:**

**Footage:**

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
55,033.00	641,966.17

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### 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)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

#### Comment

Jetting well with CTU and N2. Pumping 300 scfm. with 300 psi @ pump and FCP: 70 psi. Unloading an average of about 50 bbls per hr. Continue to work tubing up and down hole and checking for returns. Well appears to be free of all plug debris.

24 hr fluid recovered 1204 bbls.

Total fluid recovered 1748 bbls.

Total n2 pumped 787,000 scf.

TFLR 3.78%



## Partner Report

Well Name: Roberts 1-13H

State: Arkansas

County: Van Buren

Location: SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

Rig Contr.:

Activity:

Last Csg: Production, 4,580.0ftKB

API: 03-141-10360

DSS: 85.29

AFE No.: USA08008

TD:

Footage:

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
46,068.24	688,034.41

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### 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)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

#### Comment

RDMO Cudd CTU & release. Keep N2 on .loc, MIRU Premier WS. ND Frac value & flow cross. NU BOP's . NU Production tree & load tbg w/ N2, load csg w/ N2, open well to flow up tbg w/ SN on btm, 1.31 & 63 jts of 2-3/8" 4.70# J-55. Adj KB EOT @ 1992.22. Well unloaded good but would not flow on it's on. Last hr 31 bbls. Tbg 120# psi Csg 275# psi. @ 7 am. Total bbls rec 366 in 24 hrs. Total bbls since frac 2114. 4.57%.



## Partner Report

**Well Name:** Roberts 1-13H

**State:** Arkansas

**County:** Van Buren

**Location:** SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

**Rig Contr.:**

**Activity:**

**Last Csg:** Production, 4,580.0ftKB

**API:** 03-141-10360

**DSS:** 86.29

**AFE No.:** USA08008

**TD:**

**Footage:**

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
33,968.00	731,212.41

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

#### Comment

Cont flowing well back thru the night. Tbg is 70# psi, Csg is 350# psi. Bbls rec 2755 bbls. In 24 hrs bbls rec 641 bbls. Nitrogen is @ 307,145. @ 6 a.m. rec 24 that hr. Total rec 5.96%. Well still has trace of gas will attempt to rock well.

24 hr fluid recovered 641 bbls.  
Total fluid recovered 2755 bbls.  
TFLR 5.96%



## Partner Report

Well Name: Roberts 1-13H

State: Arkansas

County: Van Buren

Location: SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

Rig Contr.:

Activity:

Last Csg: Production, 4,580.0ftKB

API: 03-141-10360

DSS: 87.29

AFE No.: USA08008

TD:

Footage:

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
18,297.41	749,509.82

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

#### Comment

Con't jetting on LFS w/ rate @ 250 scfm. Rec 25- 30 bbls of fl.Tbg is @ 70# psi, Csg is @ 340# psi daily bbls rec 664. w/trace of gas. At this time have total rec % of 7.30% rec. 6:00 a.m. well is @ 23 bbls per .on it's on cleaning up good. Total Nitrogen is 326378. Will put well on separator this a.m. to test gas.



## Partner Report

Well Name: Roberts 1-13H

State: Arkansas

County: Van Buren

Location: SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

Rig Contr.:

Activity:

Last Csg: Production, 4,580.0ftKB

API: 03-141-10360

DSS: 88.29

AFE No.: USA08008

TD:

Footage:

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
14,992.60	764,502.42

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### Survey Information

Date	Description	Azimuth Tie In (°)	EWTie In (ft)	Inclination Tie In (°)	MD Tie In (ftKB)	NSTie In (ft)	TVDTie In (ftKB)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

#### Comment

After well came in flowing 23 bbls per hr, ch back to 48/64 ch & can't to flow & clean up well. Csg is @ 275# psi & Tbg is @ 80# psi. Total bbls is 3823, daily bbls is @ 448 bbls. w/ 8.27%. At 6 a.m. rec 21 bbls. Could not put well on separator at this time because it would kill well, will attempt later when well is cleaned up more. Nitrogen test shows no nitrogen.





## Partner Report

Well Name: Roberts 1-13H

State: Arkansas

County: Van Buren

Location: SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

Rig Contr.:

Activity:

Last Csg: Production, 4,580.0ftKB

API: 03-141-10360

DSS: 89.29

AFE No.: USA08008

TD:

Footage:

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
13,565.00	778,067.42

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### 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)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

#### Comment

Con't to flow back well w/ Impact. Rec @ 24 hrs is 362 bbls, Tbg is @ 90# psi, Csg is @ 260# psi. Toyal rec is 4183 bbls. @ 6:00 a.m. the Mcf= 610. This well is still cleaning up N2 test shows 7.1% Nitrogen, will clean up well & get pipe line ready for sales.



## Partner Report

Well Name: Roberts 1-13H

State: Arkansas

County: Van Buren

Location: SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

Rig Contr.:

Activity:

Last Csg: Production, 4,580.0ftKB

API: 03-141-10360

DSS: 90.29

AFE No.: USA08008

TD:

Footage:

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
16,725.00	794,792.42

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### 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)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

#### Comment

Con't flowing well back w/ Impact. Tbg is @ 110# psi, Csg is @ 250# psi. Rec 10 bbls last hr. 24 hr rec is 278 bbls. Have rec a 9.63 % rate. Total rec is 4450 bbls. ON a 38/64 choke, diffis 29 and static is @ 41. At SD well shows heavy to med gas. MCF= 906, however has not leveled out. Well is still slugging & cleaning up will be ready for sales on Monday.



## Partner Report

Well Name: Roberts 1-13H

State: Arkansas

County: Van Buren

Location: SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

Rig Contr.:

Activity:

Last Csg: Production, 4,580.0ftKB

API: 03-141-10360

DSS: 91.29

AFE No.: USA08008

TD:

Footage:

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
9,900.00	804,692.42

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### 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)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

#### Comment

Con't jetting on LFS rate 250scfm. Tbg is @ 100# psi. Csg is @ 250# psi. Gas Mcf is @ 435 mcf @ 10.34%. Total bbls is @ 4781. Daily bbls 115. Would SD well to check build up pressure.



## Partner Report

Well Name: Roberts 1-13H

State: Arkansas

County: Van Buren

Location: SH: 2080' FSL & 2304' FEL BH: 4456' FSL & 4887' FEL

Rig Contr.:

Activity:

Last Csg: Production, 4,580.0ftKB

API: 03-141-10360

DSS: 92.29

AFE No.: USA08008

TD:

Footage:

### Mud Properties

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

### Total Costs to Date

Daily Cost Total	Cum Cost To Date
5,415.00	810,107.42

Spud Date	Completion Date	Ground Elevation (ft)	KB-Ground Distance (ft)
3/31/2008		1,614.00	15.00

### 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)
5/24/2008	Drill Curve						
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
923.00	0.45	90.10					
1,016.00	1.84	318.75					

### Activity Last 24 Hours

Comment
Con't flow back well LFS. Tbg 110# psi Csg 245# psi BPH 7 TR= 4666 10.09% Hook up to sales line 6- 29-08 @ 9:50 PM Gas sales meter installed on 6-30-08. @ 1:25 pm. At 2:00 pm gas reading @ 730 Mcf.