

Well Name: SCHIPPERS #3
Company : PETEX, INC
Location - Sec: 8
County: LOGAN
Date: 11/19/95

Tw: 11S
State: KS

Rge: 32W

TRILOBITE TESTING L.L.C.

OPERATOR : Petex, Inc

DATE 11/19/95

WELL NAME: Schippers #3

KB 3074.00 ft

TICKET NO: 8456 DST #1

LOCATION : 8-11S-32W, Logan Cty KS

GR 3069.00 ft

FORMATION: Kansas City "H"

INTERVAL : 4178.00 To 4210.00 ft

TD 4210.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	13309			PF Fr. 1307 to 1337 hr
SI 35 Range(Psi)	4000.0	4000.0	4700.0	0.0	0.0	IS Fr. 1337 to 1412 hr
SF 30 Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 1412 to 1442 hr
FS 30 Depth(ft)	4200.0	4200.0	4205.0	0.0	0.0	FS Fr. 1442 to 1512 hr

	Field	1	2	3	4	
A. Init Hydro	2013.0	2059.0	0.0	0.0	0.0	T STARTED 1130 hr
B. First Flow	31.0	50.0	0.0	0.0	0.0	T ON BOTM 1305 hr
B1. Final Flow	31.0	50.0	0.0	0.0	0.0	T OPEN 1307 hr
C. In Shut-in	1261.0	1284.0	0.0	0.0	0.0	T PULLED 1512 hr
D. Init Flow	41.0	55.0	0.0	0.0	0.0	T OUT 1700 hr
E. Final Flow	41.0	55.0	0.0	0.0	0.0	
F. Fl Shut-in	1251.0	1282.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1982.0	2038.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 55000.00 lbs
						Initial Str Wt 55000.00 lbs
						Unseated Str Wt 110000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4167.00 ft

RECOVERY

Tot Fluid 10.00 ft of 0.00 ft in DC and 10.00 ft in DP
10.00 ft of Drilling mud

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Blow -
Weak .5" blow decreasing to surface

Final Blow -
Surge @ open, no return blow

SAMPLES:
SENT TO:

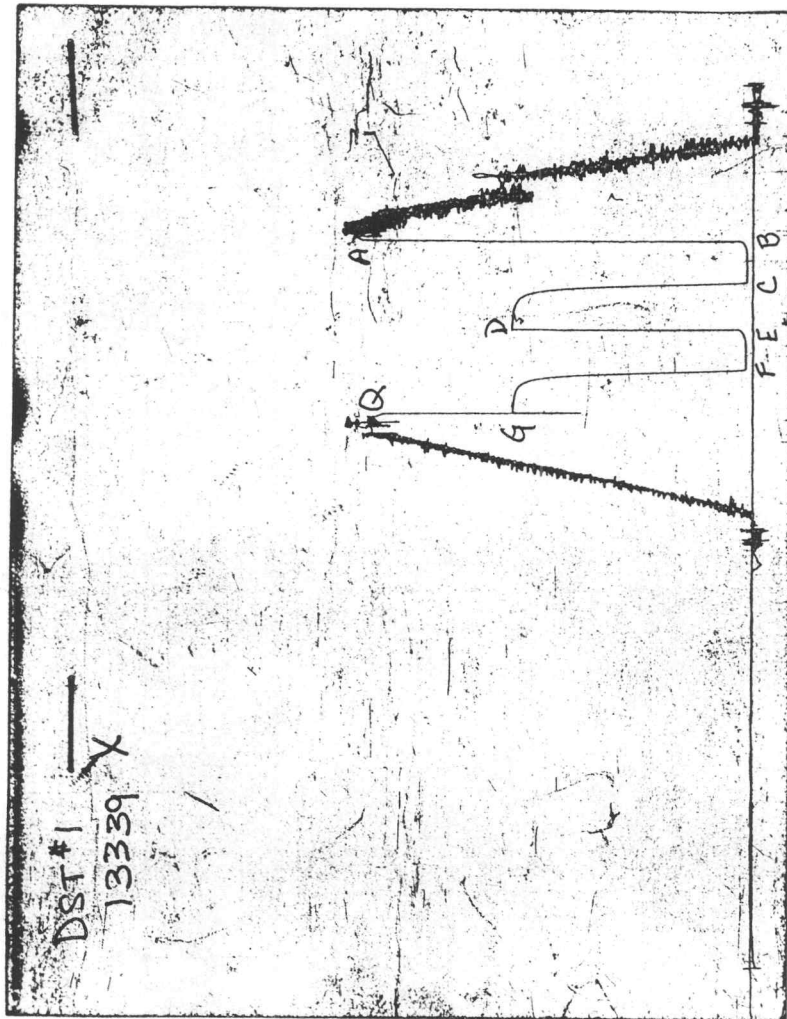
MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	49.00 S/L
W.L.	9.60 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	121.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Rod Steinbrink
Co. Rep.	Tom Funk
Contr.	White & Ellis
Rig #	9
Unit #	
Pump T.	

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

TRILOBITE TESTING L.L.C.

OPERATOR : Petex, Inc

DATE 11/20/95

WELL NAME: Schippers #3

KB 3074.00 ft

TICKET NO: 8457

DST #2

LOCATION : 8-11S-32W, Logan Cty KS

GR 3069.00 ft

FORMATION: Kansas City "J"

INTERVAL : 4234.00 To 4262.00 ft

TD 4262.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	13309			PF Fr. 0904 to 0934 hr
SI 30 Range(Psi)	4000.0	4000.0	4700.0	0.0	0.0	IS Fr. 0934 to 1004 hr
SF 30 Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 1004 to 1034 hr
FS 30 Depth(ft)	4251.0	4251.0	4257.0	0.0	0.0	FS Fr. 1034 to 1104 hr

	Field	1	2	3	4	
A. Init Hydro	2103.0	2118.0	0.0	0.0	0.0	T STARTED 0730 hr
B. First Flow	52.0	60.0	0.0	0.0	0.0	T ON BOTM 0900 hr
B1. Final Flow	41.0	55.0	0.0	0.0	0.0	T OPEN 0904 hr
C. In Shut-in	1130.0	1140.0	0.0	0.0	0.0	T PULLED 1104 hr
D. Init Flow	52.0	61.0	0.0	0.0	0.0	T OUT 1210 hr
E. Final Flow	41.0	56.0	0.0	0.0	0.0	
F. Fl Shut-in	1110.0	1125.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2073.0	2068.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 62000.00 lbs
						Initial Str Wt 53000.00 lbs
						Unseated Str Wt 53000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4229.00 ft

RECOVERY

Tot Fluid 30.00 ft of 0.00 ft in DC and 30.00 ft in DP
 30.00 ft of Mud cut salt water - 65% water, 35% mud,
 scum of oil

RW .32 @ 70 F

SALINITY 22000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Blow -

Weak .25" blow died back to .125"

Final Blow -

Bubble to open tool, no blow

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	51.00 S/L
W.L.	9.60 in3
F.C.	0.00 in
Mud Drop	

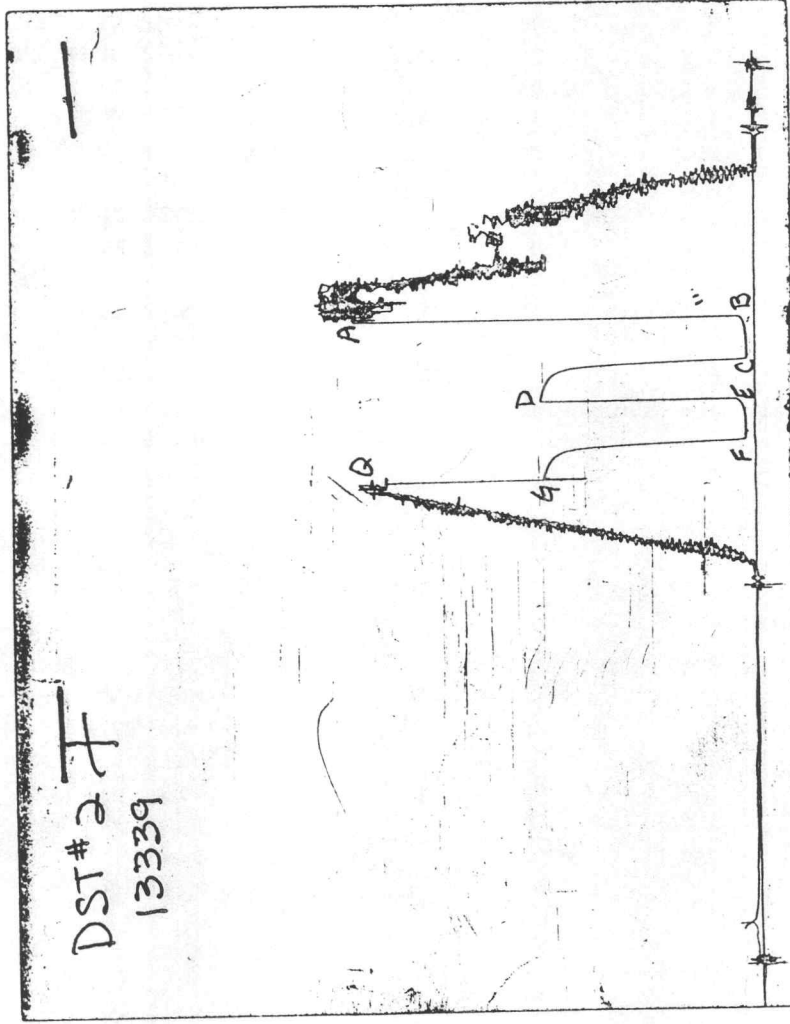
Amt. of fill	0.00 ft
Btm. H. Temp.	118.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Shane McBride
Co. Rep.	Tom Funk
Contr.	White & Ellis
Rig #	#9
Unit #	
Pump T.	

SAMPLES:

SENT TO:

Test Successful: Y

CHART PAGE



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TRILOBITE TESTING L.L.C.

OPERATOR : Petex, Inc

DATE 11/20/95

WELL NAME: Schippers #3

KB 3074.00 ft

TICKET NO: 8458 DST #3

LOCATION : 8-11S-32W, Logan Cty KS

GR 3069.00 ft

FORMATION: Kansas City "K"

INTERVAL : 4261.00 To 4285.00 ft

TD 4285.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	13309			PF Fr. 2133 to 2203 hr
SI 30 Range(Psi)	4000.0	4000.0	4700.0	0.0	0.0	IS Fr. 2203 to 2233 hr
SF 30 Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 2233 to 2303 hr
FS 30 Depth(ft)	4275.0	4275.0	4280.0	0.0	0.0	FS Fr. 2303 to 2333 hr

	Field	1	2	3	4	
A. Init Hydro	2143.0	2161.0	0.0	0.0	0.0	T STARTED 1950 hr
B. First Flow	41.0	45.0	0.0	0.0	0.0	T ON BOTM 2130 hr
B1. Final Flow	41.0	45.0	0.0	0.0	0.0	T OPEN 2133 hr
C. In Shut-in	1170.0	1177.0	0.0	0.0	0.0	T PULLED 2333 hr
D. Init Flow	52.0	63.0	0.0	0.0	0.0	T OUT 0130 hr
E. Final Flow	52.0	63.0	0.0	0.0	0.0	
F. Fl Shut-in	1170.0	1172.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2103.0	2066.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 63000.00 lbs
						Initial Str Wt 52000.00 lbs
						Unseated Str Wt 52000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4260.00 ft

RECOVERY

Tot Fluid 65.00 ft of 0.00 ft in DC and 65.00 ft in DP
 65.00 ft of Watery mud - 60% water, 40% mud, scum of oil

RW .25 @ 60 F

SALINITY 32000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Blow -

Surface blow built to 1", weak blow

Final Blow -

Weak surface blow built to .25"

SAMPLES:

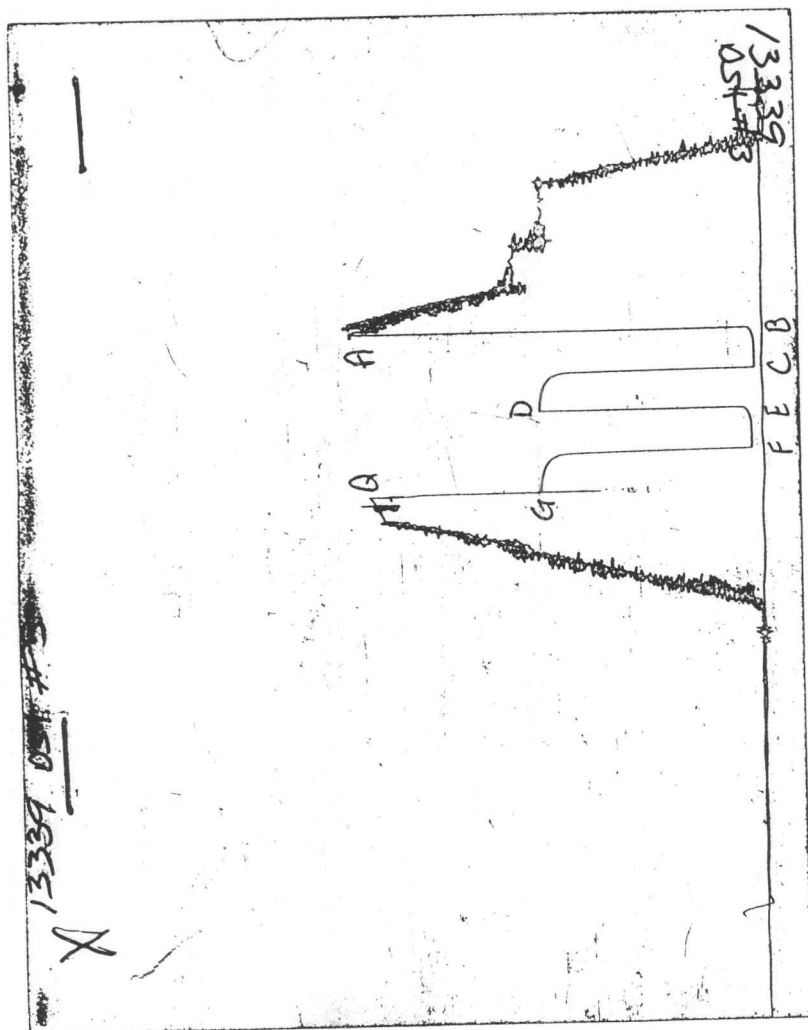
SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	52.00 S/L
W.L.	10.40 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	112.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Shane McBride
Co. Rep.	Tom Funk
Contr.	White & Ellis
Rig #	9
Unit #	
Pump T.	

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

TRILOBITE TESTING L.L.C.

OPERATOR : Petex, Inc

DATE 11/22/95

WELL NAME: Schippers #3

KB 3074.00 ft

TICKET NO: 8459

DST #4

LOCATION : 8-11S-32W, Logan Cty KS

GR 3069.00 ft

FORMATION: Johnson

INTERVAL : 4531.00 To 4597.00 ft

TD 4597.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	13309			PF Fr. 0833 to 0903 hr
SI 30 Range(Psi)	4000.0	4000.0	4700.0	0.0	0.0	IS Fr. 0903 to 0933 hr
SF 30 Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 0933 to 1003 hr
FS 30 Depth(ft)	4554.0	4554.0	4594.0	0.0	0.0	FS Fr. 1003 to 1033 hr

	Field	1	2	3	4	
A. Init Hydro	2273.0	2323.0	0.0	0.0	0.0	T STARTED 0715 hr
B. First Flow	93.0	98.0	0.0	0.0	0.0	T ON BOTM 0830 hr
B1. Final Flow	83.0	89.0	0.0	0.0	0.0	T OPEN 0833 hr
C. In Shut-in	1120.0	1127.0	0.0	0.0	0.0	T PULLED 1033 hr
D. Init Flow	104.0	110.0	0.0	0.0	0.0	T OUT 1140 hr
E. Final Flow	93.0	94.0	0.0	0.0	0.0	
F. Fl Shut-in	1070.0	1074.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2173.0	2173.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 67000.00 lbs
						Initial Str Wt 56000.00 lbs
						Unseated Str Wt 56000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4540.00 ft

RECOVERY

Tot Fluid 30.00 ft of 0.00 ft in DC and 30.00 ft in DP
 30.00 ft of Slightly oil cut mud - 2% oil, 98% mud

RW 2.0 @ 60 F

SALINITY 3600.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Blow -

Weak .25" blow died back to a weak
 surface blow

Final Blow -

Bubble to open tool, no blow

SAMPLES:

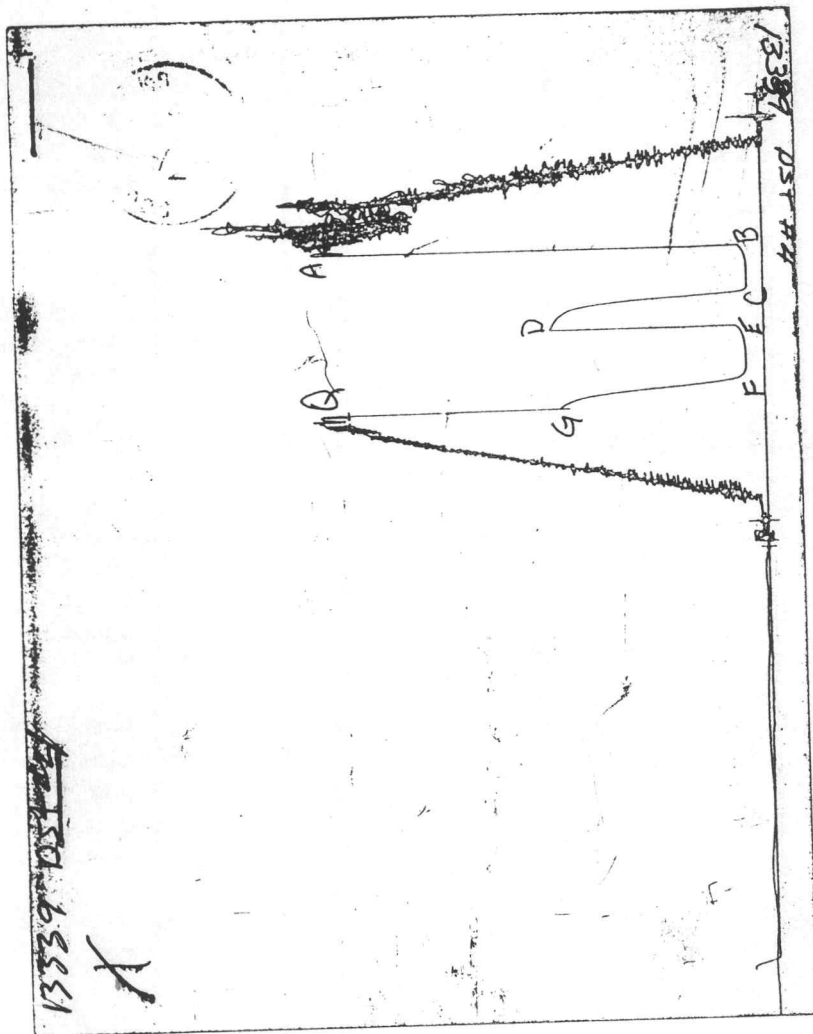
SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/c
Vis.	54.00 S/L
W.L.	10.40 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	122.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Shane McBride
Co. Rep.	Tom Funk
Contr.	White & Ellis
Rig #	9
Unit #	
Pump T.	

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

CALCULATED RECOVERY ANALYSIS - DRILL PIPE

DST # 4

TICKET # 8459

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
1	30		0	2	0.6		0	98	29.4
2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
6			0		0		0		0
TOTAL	30	0.00	0	2.00	0.6	0	0	98.00	29.4

HRS OPE BBL/DAY

BBL OIL= 0.008532 * 1.00 0.20
 BBL WATER= 0 * 0.00
 BBL MUD= 0.418068
 BBL GAS 0

