

WELL NAME

Adelhardt #1

COMPANY

R & B Oil & Gas

LOCATION

12-31s-9w

Kingman co Kansas

DATE

3/30/01

TRILOBITE TESTING L.L.C.

OPERATOR : R & B Oil & Gas

DATE 3-24-01

WELL NAME: Adelhardt #1

KB 1633.00 ft

TICKET NO: 14002 DST #1

LOCATION : 12-31s-9w Kingman co KS

GR 1625.00 ft

FORMATION: Indian Cove

INTERVAL : 2352.00 To 2378.00 ft

TD 2378.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248				PF Fr. 0805 to 0835 hr
SI 45 Range(Psi)	4400.0	4400.0	0.0	0.0	0.0	IS Fr. 0835 to 0920 hr
SF 30 Clock(hrs)	12	12				SF Fr. 0920 to 0950 hr
FS 60 Depth(ft)	2375.0	2375.0	0.0	0.0	0.0	FS Fr. 0950 to 1055 hr

	Field	1	2	3	4	
A. Init Hydro	1209.0	1212.0	0.0	0.0	0.0	T STARTED 0620 hr
B. First Flow	87.0	90.0	0.0	0.0	0.0	T ON BOTM 0800 hr
B1. Final Flow	428.0	439.0	0.0	0.0	0.0	T OPEN 0805 hr
C. In Shut-in	922.0	921.0	0.0	0.0	0.0	T PULLED 1055 hr
D. Init Flow	410.0	417.0	0.0	0.0	0.0	T OUT 1245 hr
E. Final Flow	506.0	506.0	0.0	0.0	0.0	
F. Fl Shut-in	912.0	917.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1139.0	1145.0	0.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	I	I				Wt Set On Packer 22000.00 lbs
						Wt Pulled Loose 39000.00 lbs
						Initial Str Wt 33000.00 lbs
						Unseated Str Wt 34000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 2336.00 ft

RECOVERY

Tot Fluid 185.00 ft of	0.00 ft in DC and	185.00 ft in DP
185.00 ft of Slightly mud cut water		
0.00 ft of 97% water 3% mud		
0.00 ft of		
0.00 ft of		
0.00 ft of		
0.00 ft of		
0.00 ft of		
0.00 ft of		
SALINITY 96000.00 P.P.M.	A.P.I. Gravity	0.00

BLOW DESCRIPTION

Initial Flow:

Strong blow. Gas to surface in 4 minutes. (see gas volume report)

Initial Shut-In:

Bled off for 25 minutes

Final Flow:

Strong blow (see gas volume report)

Final Shut-In:

20 minute blow down.

MUD DATA-----

Mud Type	Chemical
Weight	9.50 lb/cf
Vis.	33.00 S/L
W.L.	0.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	100.00 F
Hole Condition	
% Porosity	24.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Gary Pevoteaux
Co. Rep.	Tim Pierce
Contr.	Duke
Rig #	2
Unit #	
Pump T.	

SAMPLES:

SENT TO:

Test Successful: Y

NATURAL GAS ANALYSIS REPORT

Sampled by:

Trilobite Testing, L. L. C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 785-625-5620

Analyzed by:

Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 620-624-5389
Fax: 620-626-7108

Lab Number: 20011570

Analyzed: 03/27/01

Sample From: Adelhardt 1 DST 1
Producer: R&B Oil & Gas

Pressure:
Temperature:

Date: Location: 12-31-9

Time:
Sampler:
Source:

County: Kingman
State: Kansas
Formation: Indian

Cave

	Mole %	GPM
Helium	He: 0.595	0.000
Hydrogen	H2: 0.003	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 25.732	0.000
Carbon Dioxide	CO2: 0.009	0.000
Methane	C1: 70.676	0.000
Ethane	C2: 1.823	0.488
Propane	C3: 0.723	0.199
Iso Butane	iC4: 0.116	0.038
Normal Butane	nC4: 0.131	0.041
Iso Pentane	iC5: 0.041	0.015
Normal Pentane	nC5: 0.033	0.012
Hexanes Plus	C6+: 0.118	0.051

TOTAL: 100.000 0.844

Z Fact: 0.9985

SP.GR.: 0.6832

BTU (SAT): 770.7 @ 14.73 psia
BTU (DRY): 784.3 @ 14.73 psia
OCTANE RATING: 94.8

COMMENTS:

0.000

TRILOBITE TESTING L.L.C.

OPERATOR : R & B Oil & Gas
WELL NAME: Adelhardt #1
LOCATION : 12-31s-9w Kingman co KS
INTERVAL : 2610.00 To 2645.00 ft

DATE 3-25-01
KB 1633.00 ft
GR 1625.00 ft
TD 2645.00 ft

TICKET NO: 14003
FORMATION: Emporia LS
TEST TYPE: CONVENTIONAL

DST #2

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248				PF Fr. 0130 to 0200 hr
SI 45 Range(Psi)	4400.0	4400.0	0.0	0.0	0.0	IS Fr. 0200 to 0245 hr
SF 30 Clock(hrs)	12	12				SF Fr. 0245 to 0315 hr
FS 45 Depth(ft)	2635.0	2635.0	0.0	0.0	0.0	FS Fr. 0315 to 0400 hr

	Field	1	2	3	4	
A. Init Hydro	1362.0	1326.0	0.0	0.0	0.0	T STARTED 0015 hr
B. First Flow	23.0	34.0	0.0	0.0	0.0	T ON BOTM 0125 hr
B1. Final Flow	23.0	34.0	0.0	0.0	0.0	T OPEN 0130 hr
C. In Shut-in	953.0	950.0	0.0	0.0	0.0	T PULLED 0403 hr
D. Init Flow	28.0	43.0	0.0	0.0	0.0	T OUT 0520 hr
E. Final Flow	32.0	43.0	0.0	0.0	0.0	
F. Fl Shut-in	929.0	922.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1303.0	1289.0	0.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	I	I				Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 45000.00 lbs
						Initial Str Wt 36000.00 lbs
						Unseated Str Wt 36000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 2567.00 ft

RECOVERY

Tot Fluid	50.00 ft of	0.00 ft in DC and	50.00 ft in DP
50.00	ft of Drilling mud		
0.00	ft of		
0.00	ft of		
0.00	ft of		
0.00	ft of		
0.00	ft of		
0.00	ft of		
0.00	ft of		

SALINITY 87000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Fair to strong blow. Bottom of bucket
in 10 minutes.

Initial Shut-In:
No blow.

Final Flow:
Strong blow. Bottom of bucket in 8
minutes.

Final Shut-In:
No blow.

MUD DATA-----

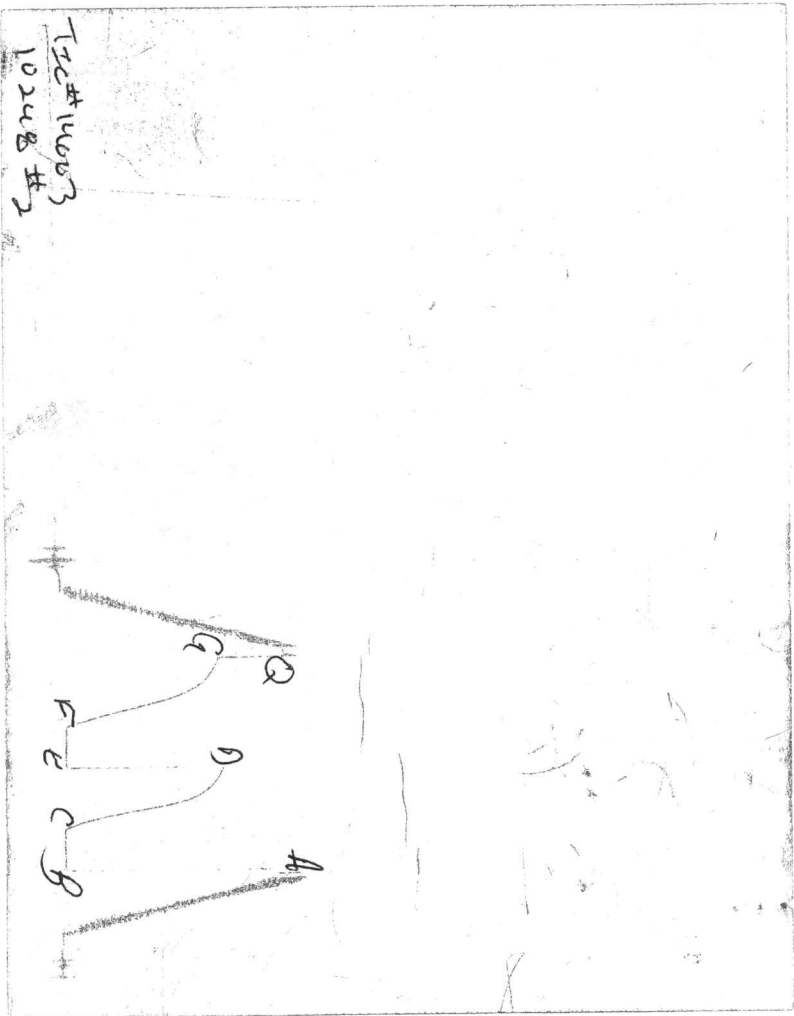
Mud Type	Chemical
Weight	9.50 lb/cf
Vis.	33.00 S/L
W.L.	0.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	100.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Gary Pevoteaux
Co. Rep.	Tim Pierce
Contr.	Duke
Rig #	2
Unit #	
Pump T.	

SAMPLES:
SENT TO:

Test Successful: Y

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart



TRILOBITE TESTING L.L.C.

OPERATOR : R & B Oil & Gas
WELL NAME: Adelhardt #1
LOCATION : 12-31s-9w Kingman co KS
INTERVAL : 2930.00 To 2940.00 ft

DATE 3-25-01
KB 1633.00 ft
GR 1625.00 ft
TD 2940.00 ft

TICKET NO: 14004
FORMATION: Topeka
TEST TYPE: CONVENTIONAL

DST #3

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248				PF Fr. 2150 to 2220 hr
SI 45 Range(Psi)	4400.0	4400.0	0.0	0.0	0.0	IS Fr. 2220 to 2305 hr
SF 30 Clock(hrs)	12	12				SF Fr. 2305 to 2335 hr
FS 60 Depth(ft)	2935.0	2935.0	0.0	0.0	0.0	FS Fr. 2335 to 0035 hr

	Field	1	2	3	4	
A. Init Hydro	1438.0	1395.0	0.0	0.0	0.0	T STARTED 2030 hr
B. First Flow	128.0	134.0	0.0	0.0	0.0	T ON BOTM 2145 hr
B1. Final Flow	621.0	621.0	0.0	0.0	0.0	T OPEN 2150 hr
C. In Shut-in	1115.0	1116.0	0.0	0.0	0.0	T PULLED 0035 hr
D. Init Flow	685.0	683.0	0.0	0.0	0.0	T OUT 0220 hr
E. Final Flow	929.0	929.0	0.0	0.0	0.0	
F. Fl Shut-in	1133.0	1127.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1373.0	1328.0	0.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	I	I				Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 56000.00 lbs
						Initial Str Wt 38000.00 lbs
						Unseated Str Wt 51000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 2921.00 ft

RECOVERY

Tot Fluid 2100.00 ft of 0.00 ft in DC and 2100.00 ft in DP

2100.00 ft of Salt Water

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of

SALINITY 108000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Strong blow. Bottom of bucket in 15 seconds.

Initial Shut-In:

Weak blow 1/2"

Final Flow:

Strong blow bottom of bucket in 35 seconds.

Final Shut-In:

No blow.

MUD DATA-----

Mud Type Chemical

Weight 9.40 lb/cf

Vis. 33.00 S/L

W.L. 0.00 in3

F.C. 0.00 in

Mud Drop

Amt. of fill 0.00 ft

Btm. H. Temp. 107.00 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 Gary Pevoteaux

Co. Rep. Tim Pierce

Contr. Duke

Rig # 2

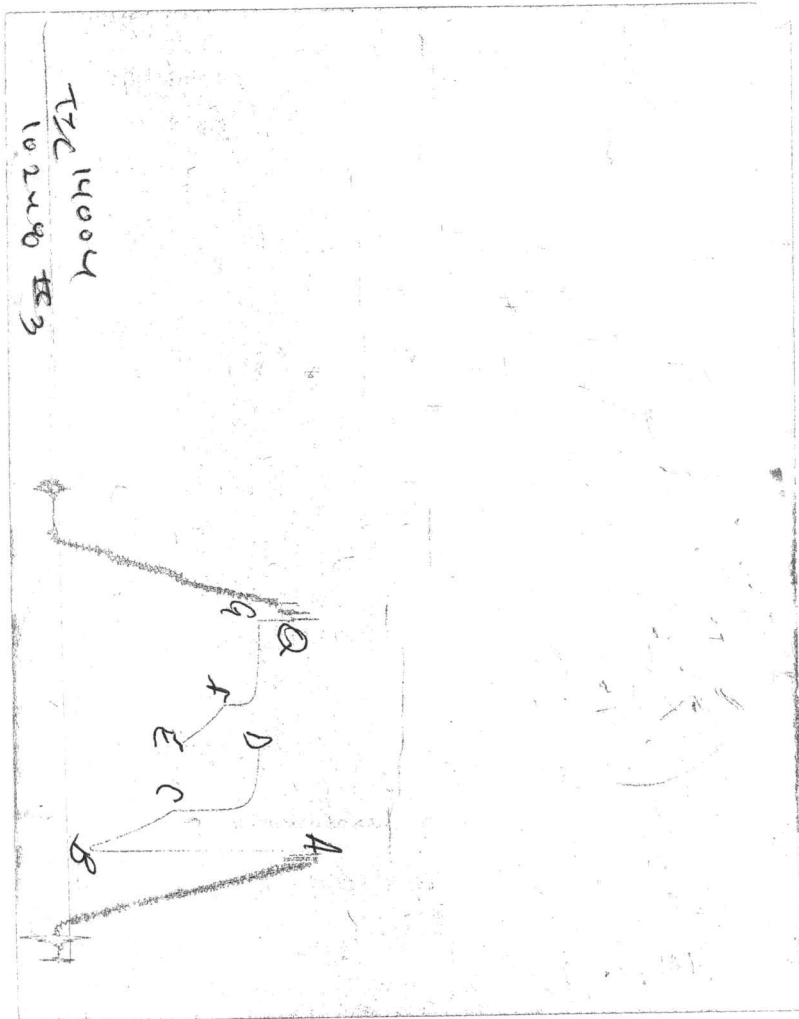
Unit #

Pump T.

Test Successful: Y

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart



TRILOBITE TESTING L.L.C.

OPERATOR : R & B Oil & Gas
WELL NAME: Adelhardt #1
LOCATION : 12-31s-9w Kingman co KS
INTERVAL : 4223.00 To 4240.00 ft

DATE 3-29-01
KB 1633.00 ft TICKET NO: 14005 DST #4
GR 1625.00 ft FORMATION: Mississippi
TD 4240.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248				PF Fr. 0325 to 0355 hr
SI 45 Range(Psi)	4400.0	4400.0	0.0	0.0	0.0	IS Fr. 0355 to 0440 hr
SF 30 Clock(hrs)	12	12				SF Fr. 0440 to 0510 hr
FS 60 Depth(ft)	4235.0	4235.0	0.0	0.0	0.0	FS Fr. 0510 to 0610 hr

	Field	1	2	3	4	
A. Init Hydro	2041.0	2056.0	0.0	0.0	0.0	T STARTED 0110 hr
B. First Flow	25.0	43.0	0.0	0.0	0.0	T ON BOTM 0320 hr
B1. Final Flow	37.0	52.0	0.0	0.0	0.0	T OPEN 0325 hr
C. In Shut-in	1152.0	1158.0	0.0	0.0	0.0	T PULLED 0610 hr
D. Init Flow	91.0	107.0	0.0	0.0	0.0	T OUT 0845 hr
E. Final Flow	87.0	93.0	0.0	0.0	0.0	
F. Fl Shut-in	1146.0	1153.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2028.0	2054.0	0.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	I	I				Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 84000.00 lbs
						Initial Str Wt 50000.00 lbs
						Unseated Str Wt 50000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.87 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4235.00 ft

RECOVERY

Tot Fluid 135.00 ft of 0.00 ft in DC and 135.00 ft in DP
85.00 ft of Gassy oil cut watery mud
0.00 ft of 30% gas 10% oil 18% water 42% mud
50.00 ft of Gassy oil cut muddy water
0.00 ft of 40% gas 15% oil 25% water 20% mud
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of

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

BLOW DESCRIPTION

Initial Flow:
Strong blow. Gas to surface in 4 minutes. (see gas volume report)
Initial shut-in:
No blow.
Final Flow:
Strong blow. (see gas volume report)
Final Shut-In:
No blow.

SAMPLES:
SENT TO:

Test Successful: Y

MUD DATA-----
Mud Type Chemical
Weight 9.40 lb/cf
Vis. 41.00 S/L
W.L. 10.80 in3
F.C. 0.00 in
Mud Drop
Amt. of fill 0.00 ft
Btm. H. Temp. 116.00 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 Gary Pevoteux
Co. Rep. Tim Pierce
Contr. Duke
Rig # 2
Unit #
Pump T.

CHART PAGE

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