

WELL NAME: Younggren #H-2H
COMPANY: Anadarko Petroleum Corp.
LOCATION: 07-32s-38w
Stevens County, Kansas
DATE: 11/21/97

TRILOBITE TESTING L.L.C.

OPERATOR : Anadarko Petroleum Corp. DATE 11-10&119
 WELL NAME: Younggren #H-2H KB 3194.00 ft TICKET NO: 10732 DST #1
 LOCATION : 07-32s-38w Stevens Co. KS GR 3183.00 ft FORMATION: Krider
 INTERVAL : 2427.00 To 2486.00 ft TD 2486.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 400 Rec.						PF Fr. 1250 to 1930 hr
SI 1080 Range(Psi)	0.0	0.0	0.0	0.0	0.0	IS Fr. 1930 to 1415 hr
SF 0 Clock(hrs)						SF Fr. to hr
FS 0 Depth(ft)	0.0	0.0	0.0	0.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	0.0	0.0	0.0	T STARTED 1030 hr
B. First Flow	30.0	0.0	0.0	0.0	0.0	T ON BOTM 1247 hr
B1. Final Flow	30.0	0.0	0.0	0.0	0.0	T' OPEN 1250 hr
C. In Shut-in	82.0	0.0	0.0	0.0	0.0	T PULLED 1415 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 1545 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	0.0	0.0	0.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside						Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 125000.00 lbs
						Initial Str Wt 118000.00 lbs
						Unseated Str Wt 118000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 594.00 ft
						D.P. Length 1803.00 ft

RECOVERY

Tot Fluid 5.00 ft of 10.00 ft in DC and 0.00 ft in DP
 10.00 ft of Slightly Mud cut soapy water 95%water 5%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 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow: Strong Blow Bottom of
 Bucket in 1 minute. MCF @ 12,000.

2nd Opening: Could not open tool--
 free spin.

SAMPLES:
 SENT TO:

MUD DATA-----
 Mud Type
 Weight 0.00 lb/cf
 Vis. 0.00 S/L
 W.L. 0.00 in3
 F.C. 0.00 in
 Mud Drop
 Amt. of fill 0.00 ft
 Btm. H. Temp. 91.00 F
 Hole Condition good
 % Porosity 14.00
 Packer Size 6.75 in
 No. of Packers 4
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out
 Tool Chased
 Tester Mike Colantonio
 Co. Rep. Bruce Darlington
 Contr. Big A
 Rig # 2
 Unit #
 Pump T.

Test Successful: Y

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 10732 Date 11-10-97
Company Name Anadarko Pet. Corp
Lease Younggreen # H-2H Test No. Q51 #1
County Stevens Sec. 7 Twp. 32S Rng. 38W

SAMPLER RECOVERY

Gas 1.6 cubic ft. ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 50 PSI
Total 4,000 ML

PIT MUD ANALYSIS

Chlorides _____ ppm.
Resistivity _____ ohms @ _____ F
Viscosity _____
Mud Weight _____
Filtrate _____
Other _____

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

TRILOBITE TESTING L.L.C.

OPERATOR : Anadarko Petroleum Corp.
 WELL NAME: Younggren #H-2H
 LOCATION : 07-32s-38w Stevens Co. KS
 INTERVAL : 2429.00 To 2486.00 ft

DATE 11-11-97

KB 3194.00 ft TICKET NO: 10733 DST #2
 GR 3183.00 ft FORMATION: Krider
 TD 2486.00 ft TEST TYPE: CONV

REORDER DATA

mins	Field	1	2	3	4	TIME DATA-----		
0	Rec.					PF Fr.	to	hr
0	Range(Psi)	0.0	0.0	0.0	0.0	IS Fr.	to	hr
0	Clock(hrs)					SF Fr.	to	hr
0	Depth(ft)	0.0	0.0	0.0	0.0	FS Fr.	to	hr

	Field	1	2	3	4			
Init Hydro	0.0	0.0	0.0	0.0	0.0	T STARTED	2030	hr
First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM	2243	hr
Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN	2245	hr
In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED	2245	hr
Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT	0015	hr
Final Flow	0.0	0.0	0.0	0.0	0.0			
Fl Shut-in	0.0	0.0	0.0	0.0	0.0			
Final Hydro	0.0	0.0	0.0	0.0	0.0			

TOOL DATA-----

Tool Wt. 1800.00 lbs
 Wt Set On Packer 35000.00 lbs
 Wt Pulled Loose 0.00 lbs
 Initial Str Wt 110000.00 lbs
 Unseated Str Wt 0.00 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 590.00 ft
 D.P. Length 1803.00 ft

RECOVERY

0.00 ft of 0.00 ft of 0.00 ft in DC and 0.00 ft in DP
 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
 0.00 ft of

ALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type
 Weight 0.00 lb/cf
 Vis. 0.00 S/L
 W.L. 0.00 in3
 F.C. 0.00 in
 Mud Drop

LOW DESCRIPTION

Set tool on bottom, had 35' fill T.O.H.
 No clear hole.

{MISRUN}

Amt. of fill 0.00 ft
 Btm. H. Temp. 0.00 F
 Hole Condition
 % Porosity 14.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out
 Tool Chased
 Tester Mike Colantonio
 Co. Rep. Bruce Darlington
 Contr. Big A
 Rig # 2
 Unit #
 Pump T.

SAMPLES:
 SENT TO:

Test Successful: N

TRILOBITE TESTING L.L.C.

OPERATOR : Anadarko Petroleum Corp.
 WELL NAME: Younggren #H-2H
 LOCATION : 07-32s-38w Stevens Co. KS
 INTERVAL : 2429.00 To 2486.00 ft

DATE 11-12&139

KB 3194.00 ft TICKET NO: 10734 DST #3
 GR 3183.00 ft FORMATION: Krider
 TD 2486.00 ft TEST TYPE: CONV

RECORDER DATA

Field	1	2	3	4	TIME DATA-----
0 Rec.					PF Fr. 1228 to hr
0 Range(Psi)	0.0	0.0	0.0	0.0	IS Fr. to hr
0 Clock(hrs)					SF Fr. to hr
0 Depth(ft)	0.0	0.0	0.0	0.0	FS Fr. to 1730 hr

Field	1	2	3	4	
Init Hydro	0.0	0.0	0.0	0.0	T STARTED 1045 hr
First Flow	0.0	0.0	0.0	0.0	T ON BOTM 1225 hr
Final Flow	0.0	0.0	0.0	0.0	T OPEN 1228 hr
In Shut-in	0.0	0.0	0.0	0.0	T PULLED 1730 hr
Init Flow	0.0	0.0	0.0	0.0	T OUT 1915 hr
Final Flow	0.0	0.0	0.0	0.0	
Fl Shut-in	0.0	0.0	0.0	0.0	
Final Hydro	0.0	0.0	0.0	0.0	

TOOL DATA-----
 Tool Wt. 1800.00 lbs
 Wt Set On Packer 35000.00 lbs
 Wt Pulled Loose 85000.00 lbs
 Initial Str Wt 70000.00 lbs
 Unseated Str Wt 70000.00 lbs

RECOVERY
 Bot Fluid 0.00 ft of 0.00 ft in DC and 0.00 ft in DP
 .00 ft of Bot Choke 0.75 in
 .00 ft of Hole Size 7.88 in
 .00 ft of D Col. ID 2.25 in
 .00 ft of D. Pipe ID 3.80 in
 .00 ft of D.C. Length 0.00 ft
 .00 ft of D.P. Length 2432.00 ft

ALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----
 Mud Type
 Weight 0.00 lb/cf
 Vis. 0.00 S/L
 W.L. 0.00 in3
 F.C. 0.00 in
 Mud Drop

LOW DESCRIPTION
 Initial Flow: Slow Building Blow built
 to Bottom of Bucket in 16 minutes.
 MCF @ 1,000.

Final Flow: Strong Blow Bottom of
 Bucket as soon as open tool.
 MCF @ 1,000.

Amt. of fill 0.00 ft
 Btm. H. Temp. 0.00 F
 Hole Condition
 % Porosity 14.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out
 Tool Chased
 Tester Mike Colantonio
 Co. Rep. Bruce Darlington
 Contr. Big A
 Rig # 2
 Unit #
 Pump T.

SAMPLES:
 SENT TO:

Test Successful: Y

TRILOBITE TESTING L.L.C.

OPERATOR : Anadarko Petroleum Corp. DATE Nov 14-17
 WELL NAME: Younggren #H-2H KB 3194.00 ft TICKET NO: 10735 DST #4
 LOCATION : 07-32s-38w Stevens Co. KS GR 3183.00 ft FORMATION: Towanda
 INTERVAL : 2603.00 To 2646.00 ft TD 2646.00 ft TEST TYPE: CONV

RECORDED DATA

Mins	Field	1	2	3	4	TIME DATA-----
F 240	Rec.					PF Fr. 1044 to 1444 hr
I 1920	Range(Psi)	0.0	0.0	0.0	0.0	IS Fr. 1444 to 2244 hr
F 960	Clock(hrs)					SF Fr. 2244 to 1444 hr
S 0	Depth(ft)	0.0	0.0	0.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
Init Hydro	0.0	0.0	0.0	0.0	0.0	T STARTED 2045 hr
First Flow	20.0	0.0	0.0	0.0	0.0	T ON BOTM 2240 hr
Final Flow	20.0	0.0	0.0	0.0	0.0	T OPEN 2244 hr
In Shut-in	91.0	0.0	0.0	0.0	0.0	T PULLED 0244 hr
Init Flow	21.0	0.0	0.0	0.0	0.0	T OUT 0445 hr
Final Flow	21.0	0.0	0.0	0.0	0.0	
Fl Shut-in	0.0	0.0	0.0	0.0	0.0	
Final Hydro	0.0	0.0	0.0	0.0	0.0	

TOOL DATA-----

Tool Wt.	1800.00 lbs
Wt Set On Packer	30000.00 lbs
Wt Pulled Loose	115000.00 lbs
Initial Str Wt	76000.00 lbs
Unseated Str Wt	80000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	0.00 ft
D.P. Length	2559.00 ft

RECOVERY

Hot Fluid 5.00 ft of 0.00 ft in DC and 5.00 ft in DP
 .00 ft of Soapy Water 100% water
 .00 ft of
 .00 ft of
 .00 ft of
 .00 ft of
 .00 ft of
 .00 ft of
 .00 ft of

ALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	
Weight	0.00 lb/cf
Vis.	0.00 S/L
W.L.	0.00 in3
F.C.	0.00 in
Mud Drop	

LOW DESCRIPTION

Initial Flow: Strong Blow MCF @ 4
 Bottom of Bucket in 2 minutes.

and Opening: Strong Blow, MCF @ 6
 Bottom of Bucket as soon as open tool

Amt. of fill	0.00 ft
Btm. H. Temp.	0.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Mike Colantonio
Co. Rep.	Bruce Darlington
Contr.	Big A
Rig #	2
Unit #	
Pump T.	

SAMPLES:
 SENT TO:

Test Successful: Y

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 10734 Date 11-12-97
Company Name Anadarko Pet Corp
Lease Younggren #H-2H Test No. DF#3
County Stevens Sec. 7 Twp. 30S Rng. 38W

SAMPLER RECOVERY

Gas .5 cubic ft ~~ML~~
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 25 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides _____ ppm.
Resistivity _____ ohms @ _____ F
Viscosity _____
Mud Weight _____
Filtrate _____
Other _____

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 10735 Date 11-14-97 Start 11-17-97 Finish
Company Name Anadarko
Lease Younggreen Test No. DST #4
County Stevens Sec. 7 Twp. 32S Rng. 38W

SAMPLER RECOVERY

Gas 12 cubic Ft ML
Oil _____ ML
Mud _____ ML
Water 200 ML
Other _____ ML
Pressure 25 PSI
Total 4/100 ML

PIT MUD ANALYSIS

Chlorides _____ ppm.
Resistivity _____ ohms @ _____ F
Viscosity _____
Mud Weight _____
Filtrate _____
Other _____

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.