

CONFIDENTIAL
TRILOBITE TESTING, L.L.C.

CONFIDENTIAL
ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

MAR 23

Drill-Stem Test Data API # 15-189-21857

COMP

Well Name FLOWER 'A' #1 Test No. 1 Date 12/2/94
Company ANADARKO PETROLEUM CORP Zone HERRINGTON
Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested 2472-2488 Drill Pipe Size 4.5" XH
Anchor Length 16 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2464 Drill Collar - 2.25 Ft. Run 653
Bottom Packer Depth 2472 Mud Wt. .75 lb/Gal.
Total Depth 2488 Viscosity 84 Filtrate _____

Tool Open @ 5:07AM Initial Blow VERY STRONG BLOW. OPEN 2 INCHES. GAS TO SURFACE IN 5 MINUTES.

Final Blow _____

Recovery - Total Feet 0 Flush Tool? NO

RELEASED

Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

SEP 3 1997

FROM CONFIDENTIAL

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1,200 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

KGC

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

SEP 11 1997

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 90 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 23-1/2 HRS Final Shut-in _____

Our Representative TOM HORACEK

FLUID SAMPLER DATA

Ticket No.: 7340 Date: 12/2/94
 Company: ANADARKO PETROLEUM CORP
 Lease: FLOWER 'A' #1 Test No.: 1
 County: STEVENS Sec.: 25 Twp.: 31S Rng.: 38W

SAMPLER RECOVERY

Gas 4,000 ML
 Oil ML
 Mud ML
 Water ML
 Other ML
 Pressure 95 PSI
 TOTAL 4,000 ML

PIT MUD ANALYSIS

Chlorides 1,200
 Resistivity ohms@ F
 Viscosity 84
 Mud Wt. .75
 Filtrate
 Other FOAM

SAMPLER ANALYSIS

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

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

Test Ticket

No 7340

Well Name & No. FLOWER "A" #1 Test No. #1 Date 12-2-94
Company Anadarko Pet Corp. Zone Tested Herington
Address Box 351, Liberal Ks. 67905-0351 Elevation 3140 (GL)
Co. Rep./Geo. Matt Goolsby cont. Norseman Drk. #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31 s Rge. 38 w Co. Stevens State KS.
No. of Copies _____ Distribution Sheet _____ Yes X No Turnkey _____ Yes X No _____ Evaluation _____

Interval Tested 2472-2488 Drill Pipe Size 4.5 x - Hole
Anchor Length 16' Top Choke - 1" _____ Bottom Choke - 1/4" _____
Top Packer Depth 2464 Hole Size - 7 7/8" _____ Rubber Size - 6 3/4" _____
Bottom Packer Depth 2472 Wt. Pipe I.D. - 2.7 Ft. Run _____
Total Depth 2488 Drill Collar - 2.25 Ft. Run 653'
Mud Wt. .75 lb/gal. Viscosity 84 Filtrate _____
Tool Open @ 5:07 AM Initial Blow Very strong blow - Open 2 in.
(6 TS in 5 min.)
Final Blow _____

Recovery - Total Feet	Feet of Gas In Pipe	Flush Tool?
<u>- 0 -</u>		<u>NO</u>
Rec. _____ Feet Of	%gas %oil %water %mud	
Rec. _____ Feet Of	%gas %oil %water %mud	
Rec. _____ Feet Of	%gas %oil %water %mud	
Rec. _____ Feet Of	%gas %oil %water %mud	
Rec. _____ Feet Of	%gas %oil %water %mud	

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1200 ppm System
(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____
(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
(D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
(G) Final Shut-In Pressure _____ PSI Initial Opening 1 1/2 hrs. Test 600.00
(H) Final Hydrostatic Mud _____ PSI Initial Shut-In 23 1/2 hrs. Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By _____
Our Representative Tom Horacek

Final Flow _____ Safety Joint 50.00
Final Shut-In _____ 500.00 Straddle 200.00
Circ. Sub _____
Sampler 200.00
Extra Packer 100.00
Other 100.00
TOTAL PRICE \$ 1450.00

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7340 Date 12-2-94
Company Name Anadarko Pet. Corp.
Lease Flower "A" #1 Test No. #1
County Stevens Ks. Sec. 25 Twp. 31 S Rng. 38 W

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 95 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 1200 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 84
Mud Weight 1.75
Filtrate _____
Other Foam

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

ORIGINAL

Drill-Stem Test Data

CONFIDENTIAL

Well Name FLOWER 'A' #1 Test No. 2 Date 12/3/94
Company ANADARKO PETROLEUM CORP Zone KRIDER
Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested 2498-2533 Drill Pipe Size 4.5" XH
Anchor Length 35 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2490 Drill Collar - 2.25 Ft. Run 653
Bottom Packer Depth 2498 Mud Wt. _____ lb/Gal.
Total Depth 2533 Viscosity 84 Filtrate _____

Tool Open @ 6:47AM Initial Blow VERY STRONG BLOW. OPEN 2 INCHES.

Final Blow _____

Recovery - Total Feet 0 Flush Tool? NO

Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 10,400 ppm System

- (A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____
- (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____
- (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____
- (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____
- (G) Final Shut-in Pressure _____ PSI Initial Opening 90 Final Flow _____
- (H) Final Hydrostatic Mud _____ PSI Initial Shut-in 23-1/2 HRS Final Shut-in _____

Our Representative TOM HORACEK

FLUID SAMPLER DATA

Ticket No.: 7341 Date: 12/3/94
 Company: ANADARKO PETROLEUM CORP
 Lease: FLOWER 'A' #1 Test No.: 2
 County: STEVENS Sec.: 25 Twp.: 31S Rng.: 38W

SAMPLER RECOVERY

Gas 4,000 ML
 Oil ML
 Mud ML
 Water ML
 Other ML
 Pressure 48 PSI
 TOTAL 4,000 ML

PIT MUD ANALYSIS

Chlorides 10,400
 Resistivity ohms@ F
 Viscosity 84
 Mud Wt. 1.2
 Filtrate
 Other FOAM

SAMPLER ANALYSIS

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

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

Test Ticket

No 7341

Well Name & No. Flower 'A' #1 Test No. #2 Date 12-3-94
Company Anadarko Pet. Corp. Zone Tested Krider
Address Box 351, Liberal Ks. 67905-0351 Elevation 3140 (GL)
Co. Rep./Geo. Matt Goodsby cont. Norseman Drg. #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31 S Rge. 38 W Co. Stevens State Ks.
No. of Copies _____ Distribution Sheet _____ Yes No Turnkey _____ Yes No Evaluation _____

Interval Tested 2498-2533 Drill Pipe Size 4.5 x - Hole
Anchor Length _____ Top Choke - 1" _____ Bottom Choke - 1/4" _____
Top Packer Depth 2490 Hole Size - 7 7/8" _____ Rubber Size - 6 3/4" _____
Bottom Packer Depth 2498 Wt. Pipe I.D. - 2.7 Ft. Run _____
Total Depth 2533 Drill Collar - 2.25 Ft. Run 653'
Mud Wt. 1.2 lb/gal. Viscosity 84 Filtrate _____
Tool Open @ 6:47 Initial Blow Very Strong Blow - Open 2 in.

Final Blow _____

Recovery - Total Feet - 0 - Feet of Gas in Pipe _____ Flush Tool? NO

Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 10,400 ppm System _____

- (A) Initial Hydrostatic Mud _____ PSI Ak1 Recorder No. _____ Range _____
- (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure _____ PSI Initial Opening 1 1/2 hrs Test 600.00
- (H) Final Hydrostatic Mud _____ PSI Initial Shut-In 23 1/2 hrs Jars 200.00

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Final Flow _____ Safety Joint 50.00
Final Shut-In _____ Straddle 200.00
Circ. Sub _____
Sampler 200.00
Extra Packer 100.00
Other 100.00
TOTAL PRICE \$ 1450.00

Approved By _____
Our Representative Tom Horack

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7341 Date 12-3-94
Company Name Anadarko Pet. Corp.
Lease Flower "A" #1 Test No. 42
County Stevens Ks. Sec. 25 Twp. 31S Rng. 38W

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 48 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 10,400 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 84
Mud Weight 1.2
Filtrate _____
Other Foam

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

ORIGINAL

Drill-Stem Test Data

CONFIDENTIAL

Well Name FLOWER 'A' #1 Test No. 3 Date 12/5/94
Company ANADARKO PETROLEUM CORP Zone WINFIELD SD.
Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested 2538-2550 Drill Pipe Size 4.5" XH
Anchor Length 12 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2530 Drill Collar - 2.25 Ft. Run 653
Bottom Packer Depth 2538 Mud Wt. .94 lb/Gal.
Total Depth 2550 Viscosity 85 Filtrate _____

Tool Open @ 6:21AM Initial Blow 3 INCH BLOW. OPEN 2 INCHES. GAS TO SURFACE IN 15 MIN

Final Blow _____

Recovery - Total Feet 0 Flush Tool? NO

Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

3HT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1,400 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 90 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 23-1/2 HRS Final Shut-in _____

Our Representative TOM HORACEK

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 7342

Well Name & No. Flower A' #1 Test No. #3 Date 12-5-94
 Company Anadarko Pet. Corp. Zone Tested Windfield sd.
 Address Box 351, Liberal Ks. 67905-0351 Elevation 3140 (6L)
 Co. Rep./Geo. Matt Goolsby cont. Norseman Dr. #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31 S Rge. 38 W Co. Stevens state KS.
 No. of Copies _____ Distribution Sheet _____ Yes No _____ Turnkey _____ Yes No _____ Evaluation _____

Interval Tested 2538-2550 Drill Pipe Size 4.5 x-Hole
 Anchor Length 12' Top Choke - 1" _____ Bottom Choke - 1/4" _____
 Top Packer Depth 2530 Hole Size - 7 7/8" _____ Rubber Size - 6 3/4" _____
 Bottom Packer Depth 2538 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Total Depth 2550 Drill Collar - 2.25 Ft. Run 653'
 Mud Wt. 1.94 lb/gal. Viscosity 85 Filtrate _____
 Tool Open @ 6:21 AM Initial Blow 3 in. blow - Open 2 in.
 _____ (6TS in 15 min.)

Final Blow _____

Recovery - Total Feet -0- Feet of Gas in Pipe _____ Flush Tool? No

Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1400 ppm System

- (A) Initial Hydrostatic Mud _____ PSI Ak1 Recorder No. _____ Range _____
- (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure _____ PSI Initial Opening 1 1/2 hrs Test 600.00
- (H) Final Hydrostatic Mud _____ PSI Initial Shut-In 23 1/2 hrs Jars 200.00

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Final Flow _____ Safety Joint 50.00
Final Shut-In _____ 200.00

Approved By _____

Our Representative Tom Horace K

Circ. Sub _____
 Sampler 200.00
 Extra Packer 100.00
 Other 100.00
 TOTAL PRICE \$ 1450.00

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7342 Date 12-5-94
Company Name Anadarko Pet. Corp.
Lease Flower A¹ #1 Test No. 43
County Stevens Ks. Sec. 25 Twp. 31s Rng. 38w

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 60 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 1400 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 85
Mud Weight .94
Filtrate _____
Other Foam

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

Drill-Stem Test Data

ORIGINAL
CONFIDENTIAL

Well Name FLOWER 'A' #1 Test No. 4 Date 12/06/94
Company ANADARKO PETROLEUM CORP Zone WINFIELD
Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested 2553-2580 Drill Pipe Size 4.5" XH
Anchor Length 27 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2545 Drill Collar - 2.25 Ft. Run 653
Bottom Packer Depth 2553 Mud Wt. _____ .88 lb/Gal.
Total Depth 2580 Viscosity 85 Filtrate _____

Tool Open @ 7:10PM Initial Blow STRONG BLOW. OPEN 2 INCHES. GAS TO SURFACE IN
5 MINUTES.

Final Blow _____

Recovery - Total Feet 0 Flush Tool? NO

Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

IHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
TW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 950 ppm System

A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

G) Final Shut-in Pressure _____ PSI Initial Opening 90 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 23-1/2 HRS Final Shut-in _____

Our Representative TOM HORACEK

FLUID SAMPLER DATA

Ticket No.: 7343 Date: 12/06/94
 Company: ANADARKO PETROLEUM CORP
 Lease: FLOWER 'A' #1 Test No.: 4
 County: STEVENS Sec.: 25 Twp.: 31S Rng.: 38W

SAMPLER RECOVERY

Gas 4,000 ML
 Oil ML
 Mud ML
 Water ML
 Other ML
 Pressure 60 PSI
 TOTAL 4,000 ML

SAMPLER ANALYSIS

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

PIT MUD ANALYSIS

Chlorides 950
 Resistivity ohms@ F
 Viscosity 85
 Mud Wt. .88
 Filtrate
 Other FOAM

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

Test Ticket

No 7343

Well Name & No. Flower "A" #1 Test No. #4 Date 12-6-94
 Company Anadarko Pet. Corp. Zone Tested Winfield
 Address Box 351, Liberal Ks. 67905-0351 Elevation 3140 (GL)
 Co. Rep./Geo. Matt Goolsby cont. Norseman Drls #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31 S Rge. 38W Co. Stearns State KS
 No. of Copies _____ Distribution Sheet _____ Yes No Turnkey _____ Yes No _____ Evaluation _____

Interval Tested 2553-2580 Drill Pipe Size 4.5 X-Hole
 Anchor Length 27' Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 2545 Hole Size — 77/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 2553 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 2580 Drill Collar — 2.25 Ft. Run 653'
 Mud Wt. 1.88 lb/gal. Viscosity 85 Filtrate _____
 Tool Open @ 7:10 pm Initial Blow strong blow - Open 2 in.
 _____ { GTS in 5 min. }

Final Blow _____

Recovery — Total Feet -0- Feet of Gas in Pipe _____ Flush Tool? NO

Rec. _____ Feet Of _____	%gas	%oil	%water	%mud
Rec. _____ Feet Of _____				
Rec. _____ Feet Of _____				
Rec. _____ Feet Of _____				
Rec. _____ Feet Of _____				

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 950 ppm System

(A) Initial Hydrostatic Mud _____ PSI Ak1 Recorder No. _____ Range _____
 (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
 (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
 (D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
 (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure _____ PSI Initial Opening 1 1/2 hrs Test 600.00
 (H) Final Hydrostatic Mud _____ PSI Initial Shut-In 23 1/2 hrs Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow _____ Safety Joint 50.00
 Final Shut-In _____ Sealable 200.00
 Circ. Sub _____
 Sampler 200.00
 Extra Packer 100.00
 Other 100.00
 TOTAL PRICE \$ 1450

Approved By _____
 Our Representative Tom Horvath

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7343 Date 12-6-94
Company Name Anadarko Pet. Corp.
Lease Flower A¹ #1 Test No. 44
County Stearns Ks Sec. 25 Twp. 31s Rng. 38w

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 60 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 950 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 85
Mud Weight 1.88
Filtrate _____
Other Foam

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

Drill-Stem Test Data

ORIGINAL
CONFIDENTIAL

Well Name FLOWER 'A' #1 Test No. 5 Date 12/08/94
 Company ANADARKO PETROLEUM CORP Zone TOWANDA
 Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
 Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested	<u>2614-2656</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>42</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>2606</u>	Drill Collar - 2.25 Ft. Run	<u>653</u>
Jottom Packer Depth	<u>2617</u>	Mud Wt.	<u>1.01</u> lb/Gal.
Total Depth	<u>2656</u>	Viscosity	<u>87</u> Filtrate _____

Tool Open @ 6:30PM Initial Blow VERY STRONG BLOW. OPEN 2 INCHES. GAS TO SURFACE IN 3 MINUTES.

Final Blow _____

Recovery - Total Feet 2 Flush Tool? NO

Rec. 2 Feet of FOAMY WATER.
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

3HT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 5.2 @ 58 °F Chlorides 1500 ppm Recovery Chlorides 1100 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 90 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 23-1/2 HRS Final Shut-in _____

Our Representative TOM HORACEK

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 7344

Well Name & No. Flower "A" #1 Test No. 45 Date 12-8-94
 Company Anadarko Pet. Corp. Zone Tested Towanda
 Address Box 351, Liberal Ks. 67905-0351 Elevation 3140 (GL)
 Co. Rep./Geo. Matt Goolsby cont. Norseman Drlg #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31 S Rge. 38 W Co. Stevens State KS.
 No. of Copies _____ Distribution Sheet _____ Yes No Turnkey _____ Yes No _____ Evaluation _____

Interval Tested 2614-2656 Drill Pipe Size 4.5 x-Hole
 Anchor Length 42' Top Choke — 1" _____ Bottom Choke — 1/4" _____
 Top Packer Depth 2606 Hole Size — 77/8" _____ Rubber Size — 63/4" _____
 Bottom Packer Depth 2614 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 2656 Drill Collar — 2.25 Ft. Run 653'
 Mud Wt. 1.01 lb/gal. Viscosity 87 Filtrate _____
 Tool Open @ 6:30 pm Initial Blow very strong blow - Open 2 in.
(GTS in 3 min.)
 Final Blow _____

Recovery — Total Feet 2' Feet of Gas in Pipe _____ Flush Tool? NO

Rec. _____	Feet Of _____	%gas	%oil	%water	%mud
Rec. <u>2'</u>	Feet Of <u>Foamy water</u>				
Rec. _____	Feet Of _____				
Rec. _____	Feet Of _____				
Rec. _____	Feet Of _____				

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 5.2 @ 58 °F Chlorides 1500 ppm Recovery Chlorides 1,100 ppm System

(A) Initial Hydrostatic Mud _____ PSI Ak1 Recorder No. _____ Range _____
 (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
 (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
 (D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
 (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure _____ PSI Initial Opening 1 1/2 hrs. Test 600.00
 (H) Final Hydrostatic Mud _____ PSI Initial Shut-In 23 1/2 hrs Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow _____ Safety Joint 30.00
 Final Shut-In _____ Straddle 200.00
 Circ. Sub _____
 Sampler 200.00
 SHLE Packer 100.00
 SHLE Packer 100.00
 Other _____
 TOTAL PRICE \$ 1450.00

Approved By M. Daph
 Our Representative Tom Herbeck

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7344 Date 12-8-94
Company Name Anadarko Pet. Corp.
Lease Flower 'A' #1 Test No. #5
County Stevens Ks. Sec. 25 Twp. 31s Rng. 38w

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 95 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 1,100 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 87
Mud Weight 1.01
Filtrate _____
Other Foam

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 5.2 ohms @ 58 F
Chlorides 1500 ppm.

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

ORIGINAL

CONFIDENTIAL

Well Name FLOWER 'A' #1 Test No. 6 Date 12/10/94
 Company ANADARKO PETROLEUM CORP Zone FT RILEY
 Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
 Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested	<u>2673-2700</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>27</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>2665</u>	Drill Collar - 2.25 Ft. Run	<u>653</u>
Bottom Packer Depth	<u>2673</u>	Mud Wt.	_____ lb/Gal.
Total Depth	<u>2700</u>	Viscosity	_____ Filtrate _____

Tool Open @ 8:42AM Initial Blow 1 INCH BLOW. OPEN 2 INCHES. GAS TO SURFACE IN SEVEN MINUTES.

Final Blow _____

Recovery - Total Feet _____ Flush Tool? NO

Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 9.0 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 23-1/2 HRS Final Shut-in _____

Our Representative TOM HORACEK

FLUID SAMPLER DATA

Ticket No: 7345 Date: 12/10/94
 Company: ANADARKO PETROLEUM CORP
 Lease: FLOWER 'A' #1 Test No.: 6
 County: STEVENS Sec.: 25 Twp.: 31S Rng.: 38W

SAMPLER RECOVERY

Gas 4,000 ML
 Oil ML
 Mud ML
 Water ML
 Other ML
 Pressure 80 PSI
 TOTAL 4,000 ML

SAMPLER ANALYSIS

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

PIT MUD ANALYSIS

Chlorides
 Resistivity ohms@ F
 Viscosity
 Mud Wt.
 Filtrate
 Other FOAM

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

Test Ticket

No 7345

Well Name & No. <u>Flower A #1</u>	Test No. <u>46</u>	Date <u>12-10-94</u>
Company <u>Anadarko Pet Corp</u>	Zone Tested <u>Up. Ft. Riley</u>	
Address <u>Box 351, Liberal Ks 67905-0351</u>	Elevation <u>3140 (GL)</u>	
Co. Rep./Geo. <u>Matt Goolsby</u>	cont. <u>Norseman Ddy #1</u>	Est. Ft. of Pay _____
Location: Sec. <u>25</u>	Twp. <u>31s</u>	Rge. <u>38w</u> Co. <u>Stevens</u> State <u>KS</u>
No. of Copies _____	Distribution Sheet _____	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Turnkey _____
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Evaluation _____

Interval Tested <u>2673-2700</u>	Drill Pipe Size <u>4.5 x-Hole</u>
Anchor Length <u>27'</u>	Top Choke — 1" _____ Bottom Choke — 1/4" _____
Top Packer Depth <u>2665</u>	Hole Size — 77/8" _____ Rubber Size — 63/4" _____
Bottom Packer Depth <u>2673</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>2700</u>	Drill Collar — 2.25 Ft. Run <u>653'</u>
Mud Wt. _____ lb/gal.	Viscosity _____ Filtrate _____
Tool Open @ <u>8:42 AM</u>	Initial Blow <u>lin blow - Open 2 in.</u>
	<u>{ 6 TS in 7 min. }</u>

Final Blow _____

Recovery — Total Feet 0- Feet of Gas in Pipe _____ Flush Tool? NO

Rec. _____ Feet Of _____	%gas	%oil	%water	%mud
Rec. _____ Feet Of _____				
Rec. _____ Feet Of _____				
Rec. _____ Feet Of _____				
Rec. _____ Feet Of _____				

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

- (A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____
- (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure _____ PSI Initial Opening 1 1/2 hrs Test 600.00
- (H) Final Hydrostatic Mud _____ PSI Initial Shut-In 23 1/2 hrs Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow _____ Safety Joint 50.00
 Final Shut-In _____ Stanley 200.00
 Structure _____
 Circ. Sub _____
 Sampler 200.00
 Entry Packer 100.00
 Other SLAG Pate 100.00
 TOTAL PRICE \$ 1450.00

Approved By M Goolsby
 Our Representative Tom Horak

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7345 Date 12-10-94
Company Name Anadarko Pet. Corp.
Lease Flower A + #1 Test No. #6
County Stevens Kc. Sec. 25 Twp. 31 S Rng. 38 W

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 80 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

ORIGINAL

Drill-Stem Test Data

CONFIDENTIAL

Well Name FLOWER 'A' #1 Test No. 7 Date 12/11/94
 Company ANADARKO PETROLEUM CORP Zone LWR FT RILEY
 Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
 Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested	<u>2712-2725</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>13</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>2704</u>	Drill Collar - 2.25 Ft. Run	<u>653</u>
Bottom Packer Depth	<u>2712</u>	Mud Wt.	<u>.94</u> lb/Gal.
Total Depth	<u>2725</u>	Viscosity	<u>88</u> Filtrate _____

Tool Open @ 9:11PM Initial Blow VERY WEAK SURFACE BLOW (OPEN 2")

Final Blow _____

Recovery - Total Feet 0 Flush Tool? NO

Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

3HT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 650 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 30 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 24-1/2 HRS Final Shut-in _____

Our Representative TOM HORACEK

FLUID SAMPLER DATA

Ticket No: 7346 Date: 12/11/94
 Company: ANADARKO PETROLEUM CORP
 Lease: FLOWER 'A' #1 Test No.: 7
 County: STEVENS Sec.: 25 Twp.: 31S Rng.: 38W

SAMPLER RECOVERY

Gas 4,000 ML
 Oil ML
 Mud ML
 Water ML
 Other ML
 Pressure 53 PSI
 TOTAL 4,000 ML

SAMPLER ANALYSIS

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

PIT MUD ANALYSIS

Chlorides 650
 Resistivity ohms@ F
 Viscosity 88
 Mud Wt. .94
 Filtrate
 Other FOAM

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

Test Ticket

No. 7346

Well Name & No. Flower "A" #1 Test No. #7 Date 12-11-94
 Company Anadarko Pet. Corp. Zone Tested Lower Ft. Riley
 Address Box 351 Liberal Ks. 67905-0351 Elevation 3140 (GL)
 Co. Rep./Geo. Matt Geesby cont. Norseman Dly #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31 S Rge. 38 W Co. Stevens State Ks.
 No. of Copies _____ Distribution Sheet _____ Yes No Turnkey _____ Yes No Evaluation _____

Interval Tested 2712-2725 Drill Pipe Size 4.5 x 1-1/2
 Anchor Length 13' Top Choke — 1" _____ Bottom Choke — 1/4" _____
 Top Packer Depth 2704 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 2712 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 2725 Drill Collar — 2.25 Ft. Run 653'
 Mud Wt. .94 lb/gal. Viscosity 88 Filtrate _____
 Tool Open @ 9:11 pm Initial Blow very weak surface blow - (Open 2 in.)

Final Blow _____

Recovery — Total Feet -0- Feet of Gas in Pipe _____ Flush Tool? NO

Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 650 ppm System

- (A) Initial Hydrostatic Mud _____ PSI Ak1 Recorder No. _____ Range _____
- (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure _____ PSI Initial Opening 30 min Test 600.00
- (H) Final Hydrostatic Mud _____ PSI Initial Shut-In 24 1/2 hrs Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow _____ Safety Joint 50.00
 Final Shut-In _____ Straddle 200.00
 Circ. Sub _____
 Sampler 200.00
 Extra Packer 100.00
 Other 100.00
 TOTAL PRICE \$ 1450.00

Approved By _____
 Our Representative Tom Horacek

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7346 Date 12-11-94
Company Name Anadarko Pet Corp.
Lease Flower #1 #1 Test No. #7
County Stevenson Ks Sec. 25 Twp. 31 Rng. 38

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 53 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 650 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 88
Mud Weight 1.94
Filtrate _____
Other Foam

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.

CONFIDENTIAL
TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

Well Name FLOWER 'A' #1 Test No. 8 Date 12/13/94
Company ANADARKO PETROLEUM CORP Zone FLORENCE
Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested 2728-2751 Drill Pipe Size 4.5" XH
Anchor Length 23 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2720 Drill Collar - 2.25 Ft. Run 653
Bottom Packer Depth 2728 Mud Wt. .90 lb/Gal.
Total Depth 2751 Viscosity 88 Filtrate _____

Tool Open @ 9:33AM Initial Blow 1 INCH BLOW. OPEN 2 INCHES.

Final Blow _____

Recovery - Total Feet 0 Flush Tool? NO

Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

3HT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 600 ppm System

A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

G) Final Shut-in Pressure _____ PSI Initial Opening 60 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 30 HRS Final Shut-in _____

Our Representative TOM HORACEK

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 7347

Well Name & No. Flower A #1 Test No. # 8 Date 12-13-94
Company Anadarko Pet. Corp Zone Tested Florence
Address Box 351 Liberal Ks. 67905-0351 Elevation 3140 (62)
Co. Rep./Geo. Matt Goolsby cont. Norseman Dcb #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31 S Rge. 38 W Co. Starns State Kc
No. of Copies _____ Distribution Sheet _____ Yes No Turnkey _____ Yes No _____ Evaluation _____

Interval Tested 2728-2751 Drill Pipe Size 4.5 x-Hole
Anchor Length 23' Top Choke — 1" _____ Bottom Choke — 1/4" _____
Top Packer Depth 2720 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth 2728 Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth 2751 Drill Collar — 2.25 Ft. Run 653
Mud Wt. .90 lb/gal. Viscosity 88 Filtrate _____
Tool Open @ 9:33 AM Initial Blow line blow - Open 2 in

Final Blow _____

Recovery — Total Feet -0- Feet of Gas in Pipe _____ Flush Tool? NO

Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 600 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-In Pressure _____ PSI Initial Opening 1 hr. Test 600.00

(H) Final Hydrostatic Mud _____ PSI Initial Shut-In 30 hr. Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow _____ Safety Joint 50.00

Final Shut-In _____ Safety Joints 200.00

Circ. Sub _____

Sampler 200.00

Extra Packer 100.00

Other 100.00

TOTAL PRICE \$ 1450.00

Approved By M. Leahy

Our Representative Tom Horvack

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7347 Date 12-13-94
Company Name Anadarko Pet. Corp.
Lease Flower A #1 Test No. #8
County Stevens Ks. Sec. 25 Twp. 31 Rng. 38w

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 95 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 600 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 88
Mud Weight 1.90
Filtrate _____
Other Foam

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

Drill-Stem Test Data

ORIGINAL
CONFIDENTIAL

Well Name FLOWER 'A' #1 Test No. 9 Date 12/15/94
Company ANADARKO PETROLEUM CORP Zone WREFORD
Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested 2762-2790 Drill Pipe Size 4.5" XH
Anchor Length 28 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2754 Drill Collar - 2.25 Ft. Run 653
Bottom Packer Depth 2762 Mud Wt. 1.01 lb/Gal.
Total Depth 2790 Viscosity 89 Filtrate _____

Tool Open @ 4:13AM Initial Blow 4 INCH BLOW. OPEN 2 INCHES. (GAS TO SURFACE IN 25 MI

Final Blow _____

Recovery - Total Feet 10 Flush Tool? NO

Rec. 10 Feet of SOAPY WATER.
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

SBHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 6.1 @ 60 °F Chlorides 1100 ppm Recovery Chlorides 700 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 90 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 23-1/2 HRS Final Shut-in _____

Our Representative TOM HORACEK

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 7348

Well Name & No. Flower A¹⁵ #1 Test No. #9 Date 12-15-94
 Company Anadarko Pet. Corp Zone Tested Wreford
 Address Box 351 Liberal, Ks. 67905-0351 Elevation 3140 (GL)
 Co. Rep./Geo. Matt Goolsby cont. Norseman Dd_g #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31 S Rge. 38 W Co. Stevens State Ks.
 No. of Copies _____ Distribution Sheet _____ Yes No _____ Turnkey _____ Yes No _____ Evaluation _____

Interval Tested 2762-2790 Drill Pipe Size 4.5 x-Hole
 Anchor Length 28' Top Choke - 1" _____ Bottom Choke - 1/4" _____
 Top Packer Depth 2754 Hole Size - 7 7/8" _____ Rubber Size - 6 3/4" _____
 Bottom Packer Depth 2762 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Total Depth 2790 Drill Collar - 2.25 Ft. Run 653
 Mud Wt. 1.01 lb/gal. Viscosity 89 Filtrate _____
 Tool Open @ 4:13 AM Initial Blow 4 in. blow - open 2 in.
{GTS in 25 min}
 Final Blow _____

Recovery - Total Feet	Feet of Gas In Pipe	Flush Tool?
<u>10'</u>	_____	<u>NO</u>
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. <u>10'</u> Feet Of <u>soapy water</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 6.1 @ 60 °F Chlorides 1100 ppm Recovery Chlorides 700 ppm System

- (A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____
- (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure _____ PSI Initial Opening 1 1/2 hrs. Test 600.00
- (H) Final Hydrostatic Mud _____ PSI Initial Shut-In 23 1/2 hrs Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow _____ Safety Joint 50.00
 Final Shut-In _____ Standby 200.00
 Circ. Sub _____
 Sampler 200.00
 Packer 100.00
 Other 100.00
 TOTAL PRICE \$ 1450.00

Approved By M Goolsby

Our Representative Tom Bracker

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7348 Date 12-15-94
Company Name Anadarko Pet. Corp.
Lease Flower A #1 Test No. #9
County _____ Sec. _____ Twp. _____ Rng. _____

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 110 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 700 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 89
Mud Weight 1.01
Filtrate _____
Other Foam

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 61 ohms @ 60 F
Chlorides 1100 ppm.

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

ORIGINAL
CONFIDENTIAL

Well Name FLOWER 'A' #1 Test No. 10 Date 12/16/94
Company ANADARKO PETROLEUM CORP Zone CHASE
Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested	<u>2430-2790</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>360</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>2422</u>	Drill Collar - 2.25 Ft. Run	<u>653</u>
Bottom Packer Depth	<u>2430</u>	Mud Wt.	<u>.98</u> lb/Gal.
Total Depth	<u>2790</u>	Viscosity	<u>89</u> Filtrate _____

Tool Open @ 2:23PM Initial Blow STRONG BLOW. OPEN 2 INCHES.

Final Blow _____

Recovery - Total Feet _____ Flush Tool? NO

Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 400 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 60 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 36 HRS Final Shut-in _____

Our Representative TOM HORACEK

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 7349

Well Name & No. Flower "A" #1 Test No. #10 Date 12-16-94
 Company Anadarko Pet. Corp. Zone Tested Chase
 Address Box 351 - Liberal, Ks. 67905-0351 Elevation 3140 (6L)
 Co. Rep./Geo. Matt Goolsby cont. Norseman Dr #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31s Rge. 38w Co. Stevens State Ks.
 No. of Copies _____ Distribution Sheet _____ Yes X No Turnkey _____ Yes X No _____ Evaluation _____

Interval Tested 2430-2790 Drill Pipe Size 4.5 x - Hole
 Anchor Length 360' Top Choke - 1" _____ Bottom Choke - 1/4" _____
 Top Packer Depth 2422 Hole Size - 7 7/8" _____ Rubber Size - 6 3/4" _____
 Bottom Packer Depth 2430 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Total Depth 2790 Drill Collar - 2.25 Ft. Run 653'
 Mud Wt. 98 lb/gal. Viscosity 89 Filtrate _____
 Tool Open @ 2:23 pm Initial Blow strong blow - (open 2 in.)

Final Blow _____

Recovery - Total Feet _____ Feet of Gas in Pipe _____ Flush Tool? NO

Rec. _____ Feet Of _____	%gas	%oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%oil	%water	%mud

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 400 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-In Pressure _____ PSI Initial Opening 1 hrs Test 600.00

(H) Final Hydrostatic Mud _____ PSI Initial Shut-In 36 hrs Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow _____ Safety Joint 50.00

Final Shut-In _____ Straddle 200.00

Circ. Sub _____

Sampler 200.00

Extra Packer 100.00

Other 100.00

TOTAL PRICE \$ 1450.00

Approved By M Goolsby

Our Representative Tom Boracek

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7349 Date 12-16-94
Company Name Anadarko Pet Corp.
Lease Flower A # 41 Test No. 410
County Stevens Ks. Sec. 25 Twp. 31S Rng. 38W

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 60 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 400 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 89
Mud Weight 98
Filtrate _____
Other Foam

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

ORIGINAL
CONFIDENTIAL

Drill-Stem Test Data

Well Name FLOWER 'A' #1 Test No. 11 Date 12/18/94
 Company ANADARKO PETROLEUM CORP Zone COUNCIL GROV
 Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
 Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested	<u>2800-2850</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>50</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>2792</u>	Drill Collar - 2.25 Ft. Run	<u>653</u>
Bottom Packer Depth	<u>2800</u>	Mud Wt.	<u>.76</u> lb/Gal.
Total Depth	<u>2850</u>	Viscosity	<u>90</u> Filtrate _____

Tool Open @ 4:39PM Initial Blow WEAK SURFACE BLOW. OPEN 2 INCHES.

Final Blow _____

Recovery - Total Feet _____ Flush Tool? NO

Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1200 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 40 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 30 HRS Final Shut-in _____

Our Representative TOM HORACEK

FLUID SAMPLER DATA

Ticket No: 7350 Date: 12/18/94
 Company: ANADARKO PETROLEUM CORP
 Lease: FLOWER 'A' #1 Test No.: 11
 County: STEVENS Sec.: 25 Twp.: 31S Rng.: 38W

SAMPLER RECOVERY

Gas 4,000 ML
 Oil ML
 Mud ML
 Water ML
 Other ML
 Pressure 35 PSI
 TOTAL 4,000 ML

SAMPLER ANALYSIS

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

PIT MUD ANALYSIS

Chlorides 1200
 Resistivity ohms@ F
 Viscosity 90
 Mud Wt. .76
 Filtrate
 Other FOAM

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

Test Ticket

No 7350

Well Name & No. Flower A #1 Test No. #11 Date 12-18-94
 Company Anadarko Pet. Corp. Zone Tested C.G. A
 Address Box 351 Liberal Ks, 67905-0351 Elevation 3140 (6L)
 Co. Rep./Geo. Matt Goolsby cont. Norseman Dr #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31 Rge. 38 Co. Stewar State Ks.
 No. of Copies _____ Distribution Sheet _____ Yes No Turnkey _____ Yes No _____ Evaluation _____

Interval Tested 2800-2850 Drill Pipe Size 4.5 x-Hole
 Anchor Length 50' Top Choke - 1" _____ Bottom Choke - 1/4" _____
 Top Packer Depth 2792 Hole Size - 7 7/8" _____ Rubber Size - 6 3/4" _____
 Bottom Packer Depth 2800 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Total Depth 2850 Drill Collar - 2.25 Ft. Run 653'
 Mud Wt. 17.6 lb/gal. Viscosity 90 Filtrate _____
 Tool Open @ 4:39 pm Initial Blow weak surge blow - (open 2 in.)

Final Blow _____

Recovery - Total Feet 0 Feet of Gas In Pipe _____ Flush Tool? NO

Rec. _____ Feet Of _____	%gas	%oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%oil	%water	%mud

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1200 ppm System

- (A) Initial Hydrostatic Mud _____ PSI Ak1 Recorder No. _____ Range _____
- (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure _____ PSI Initial Opening 40 min. Test 600.00
- (H) Final Hydrostatic Mud _____ PSI Initial Shut-In 30 hrs. Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By M Goolsby
 Our Representative Tom Horacek

Final Flow _____ Safety Joint 50.00
 Final Shut-in _____ 5000 200.00
 Circ. Sub _____
 Sampler 200.00
 Extra Packer 100.00
 Other 100.00
 TOTAL PRICE \$ 1450.00

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7350 Date 12-18-94
Company Name Anadarka Pet. Corp.
Lease Flower "A" #1 Test No. 411
County Stevens Ks. Sec. 25 Twp. 31 Rng. 38

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 35 PSI
Total 4,000 ML

PIT MUD ANALYSIS

Chlorides 1200 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 90
Mud Weight 1.76
Filtrate _____
Other Foam

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.

CONFIDENTIAL

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

Well Name FLOWER 'A' #1 Test No. 12 Date 12/20/94
 Company ANADARKO PETROLEUM CORP Zone C.G. 'B-1'
 Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
 Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested	<u>2860-2882</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>22</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>2852</u>	Drill Collar - 2.25 Ft. Run	<u>653</u>
Bottom Packer Depth	<u>2860</u>	Mud Wt.	<u>.88</u> lb/Gal.
Total Depth	<u>2882</u>	Viscosity	<u>90</u> Filtrate _____

Tool Open @ 11:07AM Initial Blow 1" BLOW - OPEN 2 INCHES.

Final Blow _____

Recovery - Total Feet _____ Flush Tool? NO

Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 620 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 90 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 28-1/2 HRS Final Shut-in _____

Our Representative TOM HORACEK

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 7376

Well Name & No. <u>Flower "A" #1</u>	Test No. <u>#12</u>	Date <u>12-20-94</u>
Company <u>Anadarko Pet. Corp.</u>	Zone Tested <u>C.G. B-1</u>	
Address <u>Box 351, Liberal Ks 67905-0351</u>	Elevation <u>3140 (GL)</u>	
CO. Rep./Geo. <u>Matt Goalsby</u>	cont. <u>Norseman Dlg #1</u>	Est. Ft. of Pay _____
Location: Sec. <u>25</u> Twp. <u>31 S</u> Rge. <u>38 W</u> Co. <u>Stevens</u> State <u>Ks.</u>		
No. of Copies _____	Distribution Sheet _____	Yes <u>X</u> No _____ Turnkey _____
		Yes <u>X</u> No _____ Evaluation _____

Interval Tested <u>2860-2882</u>	Drill Pipe Size <u>4.5 x-Hole</u>
Anchor Length <u>22'</u>	Top Choke - 1" _____ Bottom Choke - 1/4" _____
Top Packer Depth <u>2852</u>	Hole Size - 7 7/8" _____ Rubber Size - 6 3/4" _____
Bottom Packer Depth <u>2860</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Total Depth <u>2882</u>	Drill Collar - 2.25 Ft. Run <u>653'</u>
Mud Wt. <u>.88</u> lb/gal.	Viscosity <u>90</u> Filtrate _____
Tool Open @ <u>11:07 AM</u>	Initial Blow <u>via blow-open 2 in</u>

Final Blow _____

Recovery - Total Feet -0- Feet of Gas in Pipe _____ Flush Tool? NO

Rec. _____ Feet Of _____	%gas	%oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%oil	%water	%mud

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 620 ppm System

- (A) Initial Hydrostatic Mud _____ PSI Ak1 Recorder No. _____ Range _____
- (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-in Pressure _____ PSI Initial Opening 1 1/2 hrs Test 600.00
- (H) Final Hydrostatic Mud _____ PSI Initial Shut-in 28 1/2 hrs Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.	Final Flow _____	Safety Joint <u>50.00</u>
	Final Shut-in _____	Standby <u>200.00</u>
		Circ. Sub _____
	Approved By <u>M Goalsby</u>	Sampler <u>200.00</u>
	Our Representative <u>Tom Horacek</u>	Standby <u>100.00</u>
	Standby <u>100.00</u>	
	Other _____	
	TOTAL PRICE \$ <u>1450.00</u>	

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7376 Date 12-20-94
Company Name Anadarko Pet Corp.
Lease Flower "A" #1 Test No. #12
County Stevens Ks Sec. 25 Twp. 31 Rng. 38

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 95 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 620 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 90
Mud Weight .88
Filtrate _____
Other Foam

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.

CONFIDENTIAL

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

Well Name FLOWER 'A' #1 Test No. 13 Date 12/22/94
 Company ANADARKO PETROLEUM CORP Zone C.G. 'B-2'
 Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
 Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested <u>2890-2902</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>12</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>2882</u>	Drill Collar - 2.25 Ft. Run <u>653</u>
Bottom Packer Depth <u>2890</u>	Mud Wt. _____ <u>.76</u> lb/Gal.
Total Depth <u>2902</u>	Viscosity <u>90</u> Filtrate _____

Tool Open @ 8:17AM Initial Blow STRONG BLOW. OPEN 2 INCHES.

Final Blow _____

Recovery - Total Feet _____ Flush Tool? NO

Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 90 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 24 HRS Final Shut-in _____

Our Representative TOM HORACEK

FLUID SAMPLER DATA

Ticket No: 7377 Date: 12/22/94
 Company: ANADARKO PETROLEUM CORP
 Lease: FLOWER 'A' #1 Test No.: 13
 County: STEVENS Sec.: 25 Twp.: 31S Rng.: 38W

SAMPLER RECOVERY

Gas 4,000 ML
 Oil ML
 Mud ML
 Water ML
 Other ML
 Pressure 80 PSI
 TOTAL 4,000 ML

SAMPLER ANALYSIS

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

PIT MUD ANALYSIS

Chlorides 620
 Resistivity ohms@ F
 Viscosity 90
 Mud Wt. .76
 Filtrate
 Other FOAM

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

Test Ticket

No 7377

Well Name & No. Flower 'A' #1 Test No. 13 Date 12-22-94
 Company Anadarko Pet. Corp. Zone Tested C.G. B-2
 Address Box 351, Liberal Ks. 67905-0351 Elevation 3140 (GL)
 Co. Rep./Geo. Matt Goolsby cont. Norsemen Dig #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31 S Rge. 38 W Co. Stevens State Kr.
 No. of Copies _____ Distribution Sheet _____ Yes A No Turnkey _____ Yes A NO _____ Evaluation _____

Interval Tested 2890-2902 Drill Pipe Size 4.5 x-Hok
 Anchor Length 12' Top Choke — 1" Bottom Choke — 3/4"
 Top Packer Depth 2882 Hole Size — 77/8" Rubber Size — 63/4"
 Bottom Packer Depth 2890 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 2902 Drill Collar — 2.25 Ft. Run 653'
 Mud Wt. _____ lb/gal. Viscosity _____ Filtrate _____
 Tool Open @ 8:17 AM Initial Blow strong blow - Open 2in.

Final Blow _____

Recovery — Total Feet -0- Feet of Gas In Pipe _____ Flush Tool? NO

Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud _____ PSI Ak1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-In Pressure _____ PSI Initial Opening 1 1/2 hrs Test 600.00

(H) Final Hydrostatic Mud _____ PSI Initial Shut-In 24 hrs Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow _____ Safety Joint 50.00

Final Shut-In _____ Straddle 200.00

Circ. Sub _____

Sampler 200.00

Suble Entry Packer 100.00

Other 100.00

TOTAL PRICE \$ 1450.00

Approved By _____

Our Representative Tom [Signature]

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7377 Date 12-22-94
Company Name Anadarko Pet. Corp.
Lease Flower "A" #1 Test No. F13
County Stevens Ks. Sec. 25 Twp. 31 Rng. 38w

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 80 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 620 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 90
Mud Weight 1.76
Filtrate _____
Other Foam

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

Drill-Stem Test Data

Well Name FLOWER 'A' #1 Test No. 14 Date 12/23/94
Company ANADARKO PETROLEUM CORP Zone C.G. 'B-3'
Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested 2911-2921 Drill Pipe Size 4.5" XH
Anchor Length 10 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2903 Drill Collar - 2.25 Ft. Run 653
Bottom Packer Depth 2911 Mud Wt. .88 lb/Gal.
Total Depth 2921 Viscosity 90 Filtrate _____

Tool Open @ 7:51PM Initial Blow 1/2" BLOW. OPEN 2 INCHES.
Final Blow _____

Recovery - Total Feet _____ Flush Tool? NO
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 680 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____
(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____
(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____
(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure _____ PSI Initial Opening 60 Final Flow _____
(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 83 HRS Final Shut-in _____

Our Representative TOM HORACEK

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

ORIGINAL

CONFIDENTIAL

No. 7378

Well Name & No. <u>Flower A' ' #1</u>	Test No. <u>#14</u>	Date <u>12-23-94</u>
Company <u>Anadarko Pet. Corp</u>	Zone Tested <u>C.G. B-3</u>	
Address <u>Box 351, Liberal Ks, 67905-0351</u>	Elevation <u>3140 (6L)</u>	
Co. Rep./Geo. <u>Matt Goosby</u>	Cont. <u>Norseman Dclg #1</u>	Est. Ft. of Pay _____
Location: Sec. <u>25</u> Twp. <u>31 S</u> Rge. <u>38 W</u> Co. <u>Stevens</u> State <u>Ks.</u>		
No. of Copies _____	Distribution Sheet _____	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Turnkey _____
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Evaluation _____

Interval Tested <u>2911 - 2921</u>	Drill Pipe Size <u>4.5 x - Hok</u>
Anchor Length <u>10'</u>	Top Choke - 1" _____ Bottom Choke - 1/4" _____
Top Packer Depth <u>2903</u>	Hole Size - 7 7/8" _____ Rubber Size - 6 3/4" _____
Bottom Packer Depth <u>2911</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Total Depth <u>2921</u>	Drill Collar - 2.25 Ft. Run <u>653</u>
Mud Wt. <u>.88</u> lb/gal.	Viscosity <u>90</u> Filtrate _____
Tool Open @ <u>7:51 pm</u> Initial Blow <u>1/2 blow. (Open 2 in.)</u>	

Final Blow _____

Recovery - Total Feet -0- Feet of Gas In Pipe _____ Flush Tool? NO

Rec. _____ Feet Of _____	%gas	%Oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%Oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%Oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%Oil	%water	%mud
Rec. _____ Feet Of _____	%gas	%Oil	%water	%mud

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 680 ppm System

- (A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____
- (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure _____ PSI Initial Opening 1 hrs. Test 600.00
- (H) Final Hydrostatic Mud _____ PSI Initial Shut-In 83 hrs. Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow _____ Safety Joint 50.00
Final Shut-In _____ Structure 200.00

Approved By _____
Our Representative Tom Horvick

Circ. Sub _____
Sampler 200.00
SHELF _____
Extra Packer 100.00
SHELF Packer _____
Other 100.00
TOTAL PRICE \$ 1450.00

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7378 Date 12-23-94
Company Name Anadarko Pet. Corp.
Lease Flower A1 #1 Test No. 14
County Stevens Ks. Sec. 25 Twp. 31 Rng. 38

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 95 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 680 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 90
Mud Weight .88
Filtrate _____
Other Foam

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.

XX

Sample No: 940695

PRECISION WELL TESTING
NATURAL GAS ANALYSIS REPORT
316-624-4505

Operator: Anadarko Petroleum C Analysis Date: 12/27/94
Well Name: Flower "A" #1 DST 14 Sample Date:
Location: 25-31S-38W Sample Pressure:
County: Stevens Sample Temperature:
State: Kansas

Sample Source:
Formation: C. G. B-3

Requested By: Anadarko Petroleum Corp.
Sampled By:

XX
XX

NATURAL GAS ANALYSIS

	Mole %	GPM
Helium	0.836	
Oxygen		
Nitrogen	22.070	
Carbon Dioxide	1.843	
Methane	61.727	
Ethane	6.795	1.817
Propane	3.049	0.840
Iso Butane	0.935	0.306
Normal Butane	1.311	0.413
Iso Pentane	0.541	0.198
Normal Pentane	0.576	0.209
Hexanes Plus	0.317	0.138
TOTALS	100.000	3.922
Z Factor:		0.9975
Specific Gravity:		0.7865
BTU/cu.ft. (sat, 60 F. 14.73 psia):		942.4
BTU/cu.ft. (dry, 60 F. 14.73 psia):		959.1
Octane Rating		93.2

XX
Comments: Helium calculated based on Nitrogen



TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

CONFIDENTIAL

ORIGINAL

Well Name FLOWER 'A' #1 Test No. 15 Date 12/27/94
Company ANADARKO PETROLEUM CORP Zone C.G. 'B-4'
Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested 2927-2939 Drill Pipe Size 4.5" XH
Anchor Length 12 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2919 Drill Collar - 2.25 Ft. Run 653
Bottom Packer Depth 2927 Mud Wt. .96 lb/Gal.
Total Depth 2939 Viscosity 91 Filtrate _____

Tool Open @ 7:58PM Initial Blow 2 INCH BLOW - OPEN 2 INCHES.

Final Blow _____

Recovery - Total Feet 1 Flush Tool? NO

Rec. 1 Feet of SOAPY WATER.
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 5.1 @ 70 °F Chlorides 1,100 ppm Recovery Chlorides 900 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 90 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 25 HRS Final Shut-in _____

Our Representative TOM HORACEK

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 7379

Well Name & No. Flower 'A' #1 Test No. #15 Date 12-27-94
Company Anadarko Pet. Corp. Zone Tested CG, B-4
Address Box 351 Liberal Ks. 67905-0351 Elevation 3140 (GL)
Co. Rep./Geo. Matt Coosby cont. Norseman Drby #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31 S Rge. 38 W Co. Stearns State Ks.
No. of Copies _____ Distribution Sheet _____ Yes No Turnkey _____ Yes No Evaluation _____

Interval Tested 2927-2939 Drill Pipe Size 4.5 x-Hole
Anchor Length 12' Top Choke — 1" _____ Bottom Choke — 1/4" _____
Top Packer Depth 2919 Hole Size — 77/8" _____ Rubber Size — 63/4" _____
Bottom Packer Depth 2927 Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth 2939 Drill Collar — 2.25 Ft. Run 653'
Mud Wt. .96 lb/gal. Viscosity 91 Filtrate _____
Tool Open @ 7:58 pm Initial Blow 2 in blow - open 2 in

Final Blow _____

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
<u>1'</u>		<u>NO</u>
Rec. _____ Feet Of	%gas %oil %water %mud	
Rec. _____ Feet Of	%gas %oil %water %mud	
Rec. <u>1'</u> Feet Of <u>Sooapy water</u>	%gas %oil %water %mud	
Rec. _____ Feet Of	%gas %oil %water %mud	
Rec. _____ Feet Of	%gas %oil %water %mud	

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 5.1 @ 70 °F Chlorides 1100 ppm Recovery Chlorides 900 ppm System

- (A) Initial Hydrostatic Mud _____ PSI Ak1 Recorder No. _____ Range _____
- (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure _____ PSI Initial Opening 1 1/2 hrs Test 600.00
- (H) Final Hydrostatic Mud _____ PSI Initial Shut-In 24 hrs Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow _____ Safety Joint 50.00
Final Shut-In _____ 200.00
Straddle _____
Circ. Sub _____
Sampler 200.00
SHAC _____
Elev. Packer 100.00
SAPLCKRy 100.00
Other _____
TOTAL PRICE \$ 1450.00

Approved By M Coosby
Our Representative Tom Hardock

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7379 Date 12-27-94
Company Name Anadarka Pet Corp.
Lease Flower "A" #1 Test No. #15
County Stevens KS Sec. 25 Twp. 31s Rng. 38w

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 120 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 900 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 91
Mud Weight .96
Filtrate _____
Other Foam

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 5.1 ohms @ 70 F
Chlorides 1100 ppm.



TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name FLOWER 'A' #1 Test No. 16 Date 12/29/94
Company ANADARKO PETROLEUM CORP Zone C.G. 'B-5'
Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested	<u>2948-2958</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>10</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>2940</u>	Drill Collar - 2.25 Ft. Run	<u>653</u>
Jottom Packer Depth	<u>2948</u>	Mud Wt.	<u>.82</u> lb/Gal.
Total Depth	<u>2958</u>	Viscosity	<u>91</u> Filtrate _____

Tool Open @ 11:01AM Initial Blow VERY STONG BLOW. OPEN 2 INCHES.

Final Blow _____

Recovery - Total Feet 1 Flush Tool? NO

Rec. 1 Feet of SOAPY WATER.
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 400 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 90 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 28-1/2 HRS Final Shut-in _____

Our Representative TOM HORACEK

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Test Ticket

CONFIDENTIAL

No. 7380

Well Name & No. Flower "A" #1 Test No. #16 Date 12-29-94
 Company Anadarko Pet. Corp. Zone Tested C6 B-5
 Address Box 351 Liberal Ks 67905-0351 Elevation 3140 (GL)
 Co. Rep./Geo. Matt Gowdy cont. Norseman Drlg. #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31 S Rge. 38 W Co. Stevens State Ks.
 No. of Copies _____ Distribution Sheet _____ Yes A No Turnkey _____ Yes X No _____ Evaluation _____

Interval Tested 2948-2958 Drill Pipe Size 4.5 x - Hole
 Anchor Length 10' Top Choke - 1" _____ Bottom Choke - 1/4" _____
 Top Packer Depth 2940 Hole Size - 7 7/8" _____ Rubber Size - 6 3/4" _____
 Bottom Packer Depth 2948 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Total Depth 2958 Drill Collar - 2.25 Ft. Run 653'
 Mud Wt. .82 lb/gal. Viscosity 91 Filtrate _____
 Tool Open @ 11:01 AM Initial Blow very strong blow - Open 2 in.

Final Blow _____

Recovery - Total Feet 1' Feet of Gas in Pipe _____ Flush Tool? NO

Rec. _____ Feet Of _____	%gas	%oil	%water	%mud
Rec. _____ Feet Of _____				
Rec. <u>1'</u> Feet Of <u>soapy water</u>				
Rec. _____ Feet Of _____				
Rec. _____ Feet Of _____				

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 400 ppm System

- (A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____
- (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure _____ PSI Initial Opening 1 1/2 hrs Test 600.00
- (H) Final Hydrostatic Mud _____ PSI Initial Shut-In 28 1/2 hrs Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow — Safety Joint 50.00
 Final Shut-In — Straddle 200.00

Circ. Sub _____
 Sampler 200.00
 Extra Packer 235.00
 Other 100.00
TOTAL PRICE \$ 1585.00

Approved By M. Gandy

Our Representative Tom Horack

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7380 Date 12-29-94
Company Name Anadarko Pet. Corp.
Lease Flower 'A' #1 Test No. #16
County Stevens Ks. Sec. 25 Twp. 31 Rng. 38

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 120 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 400 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 91
Mud Weight 1.82
Filtrate _____
Other Foam

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

Drill-Stem Test Data

Well Name FLOWER 'A' #1 Test No. 17 Date 1/1/95
Company ANADARKO PETROLEUM CORP Zone C. GROVE
Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested	<u>2802-2978</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>176</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>2794</u>	Drill Collar - 2.25 Ft. Run	<u>653</u>
Bottom Packer Depth	<u>2802</u>	Mud Wt.	<u>88</u> lb/Gal.
Total Depth	<u>2978</u>	Viscosity	<u>91</u> Filtrate _____

Tool Open @ 5:05AM Initial Blow VERY STRONG BLOW - OPEN 2 INCHES.

Final Blow _____

Recovery - Total Feet _____ Flush Tool? NO

Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

3HT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 2.1 @ 65 °F Chlorides 3,000 ppm Recovery Chlorides 1,050 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 60 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 36 HRS Final Shut-in _____

Our Representative TOM HORACEK

FLUID SAMPLER DATA

Ticket No: 7381 Date: 1/1/95
 Company: ANADARKO PETROLEUM CORP
 Lease: FLOWER 'A' #1 Test No.: 17
 County: STEVENS Sec.: 25 Twp.: 31S Rng.: 38W

SAMPLER RECOVERY

Gas 4,000 ML
 Oil ML
 Mud ML
 Water ML
 Other ML
 Pressure 80 PSI
 TOTAL 4,000 ML

PIT MUD ANALYSIS

Chlorides 1050
 Resistivity ohms@ F
 Viscosity 91
 Mud Wt. 88
 Filtrate
 Other FOAM

SAMPLER ANALYSIS

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

PIPE RECOVERY

TOP

Resistivity ohms@ F
 Chlorides ppm

MIDDLE

Resistivity ohms@ F
 Chlorides ppm

BOTTOM

Resistivity 2.1 ohms@ 65 F
 Chlorides 3,000 ppm

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

ORIGINAL
CONFIDENTIAL No. 7381

Well Name & No. Flower "A" #1 Test No. #17 Date 1-1-95
 Company Anadarko Pet. Corp. Zone Tested C. Grove
 Address Box 351 Liberal Ks 67905-0351 Elevation 3140 (GL)
 Co. Rep./Geo. Matt Goosby cont. Norsemen Drlg #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31s Rge. 38w Co. Stevens State Ks.
 No. of Copies _____ Distribution Sheet _____ Yes No Turnkey _____ Yes No Evaluation _____

Interval Tested 2802-2978 Drill Pipe Size 4.5 x-Hole
 Anchor Length 176' Top Choke — 1" _____ Bottom Choke — 1/4" _____
 Top Packer Depth 2794 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 2802 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 2978 Drill Collar — 2.25 Ft. Run 653'
 Mud Wt. .88 lb/gal. Viscosity 91 Filtrate _____
 Tool Open @ 5:05 AM Initial Blow very strong blow - Open 2 in.

Final Blow _____

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
Rec. _____ Feet Of	%gas _____ %oil _____ %water _____ %mud _____	<u>NO</u>
Rec. _____ Feet Of	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of	%gas _____ %oil _____ %water _____ %mud _____	

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 2.1 @ 65 °F Chlorides 3000 ppm Recovery Chlorides 1050 ppm System

(A) Initial Hydrostatic Mud _____ PSI Ak1 Recorder No. _____ Range _____
 (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
 (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
 (D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w/Clock No. _____
 (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-in Pressure _____ PSI Initial Opening 1 hr. Test 600.00
 (H) Final Hydrostatic Mud _____ PSI Initial Shut-in 36 Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow _____ Safety Joint 50.00
 Final Shut-in _____ Standby 200.00
 Circ. Sub _____
 Sampler 200.00
 Bottom Packer 100.00
 Other 100.00
 TOTAL PRICE \$ 1450.00

Approved By _____
 Our Representative Tom Horacek

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7381 Date 1-1-95
Company Name Anadarko Pet. Corp.
Lease Flower "A" #1 Test No. # 17
County Stevens Ks. Sec. 25 Twp. 31 Rng. 38

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 80 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 1050 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 91
Mud Weight .88
Filtrate -
Other Foam

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 2.1 ohms @ 65 F
Chlorides 3000 ppm.

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name FLOWER 'A' #1 Test No. 18 Date 1/3/95
Company ANADARKO PETROLEUM CORP Zone CG C-1
Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested 2986-3005 Drill Pipe Size 4.5" XH
Anchor Length 19 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2978 Drill Collar - 2.25 Ft. Run 653
Bottom Packer Depth 2986 Mud Wt. 1.4 lb/Gal.
Total Depth 3005 Viscosity 91 Filtrate _____

Tool Open @ 1:07PM Initial Blow 1" BLOW OPEN 2 INCHES

Final Blow _____

Recovery - Total Feet 2 Flush Tool? NO

Rec. 2 Feet of SOAPY WATER.
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 1.8 @ 60 °F Chlorides 5100 ppm Recovery Chlorides 3500 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 90 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 24 HRS Final Shut-in _____

TOM HORACEK

Our Representative _____

FLUID SAMPLER DATA

Ticket No. 7382

Date: 1/3/95

Company: ANADARKO PETROLEUM CORP

Lease: FLOWER 'A' #1

Test No.: 18

County: STEVENS

Sec.: 25

Twp.: 31S

Rng.: 38W

SAMPLER RECOVERY

Gas ML

Oil ML

Mud ML

Water ML

Other ML

Pressure 10 PSI

TOTAL 4000 ML

SAMPLER ANALYSIS

Resistivity ohms@ F

Chlorides ppm.

Gravity corrected @60F

PIT MUD ANALYSIS

Chlorides 3500

Resistivity ohms@ F

Viscosity 91

Mud Wt. 1.4

Filtrate

Other FOAM

PIPE RECOVER

TOP

Resistivity ohms@ F

Chlorides ppm.

MIDDLE

Resistivity ohms@ F

Chlorides ppm.

BOTTOM

Resistivity 1.8 ohms@ 60 F

Chlorides 5100 ppm.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Test Ticket CONFIDENTIAL No 7382

Well Name & No. Flower 'A' #1 Test No. #18 Date 1-3-95
 Company Anadarko Pet. Corp. Zone Tested C6 C-1
 Address Box 351, Liberal, Ks. 67905-0351 Elevation 3140 (64)
 Co. Rep./Geo. Matt Goosby cont. Norseman Drly #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31 S Rge. 38 W Co. Stevens State Ks.
 No. of Copies _____ Distribution Sheet _____ Yes No Turnkey _____ Yes No _____ Evaluation _____

Interval Tested _____ 2986-3005 Drill Pipe Size 4.5 x-Hole
 Anchor Length _____ 19' Top Choke — 1" _____ Bottom Choke — 1/4" _____
 Top Packer Depth _____ 2978 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth _____ 2986 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth _____ 3005 Drill Collar — 2.25 Ft. Run 653'
 Mud Wt. 1.4 lb/gal. Viscosity 91 Filtrate _____
 Tool Open @ 1:07 pm Initial Blow lin. blow. Open 2 in.

Final Blow _____

Recovery — Total Feet 2' Feet of Gas in Pipe _____ Flush Tool? NO

Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	<u>2'</u> Feet Of	<u>soapy water</u>	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 1.8 @ 60 °F Chlorides 5100 ppm Recovery Chlorides 3500 ppm System

- (A) Initial Hydrostatic Mud _____ PSI Ak1 Recorder No. _____ Range _____
- (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (C) First Final Flow Pressure _____ PSI Ak1 Recorder No. _____ Range _____
- (D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (E) Second Initial Flow Pressure _____ PSI Ak1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure _____ PSI Initial Opening 1 1/2 hrs Test 600.00
- (H) Final Hydrostatic Mud _____ PSI Initial Shut-In 24 hrs Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow _____ Safety Joint 50.00
 Final Shut-In _____ Stamps 200.00
 Circ. Sub _____
 Sampler 200.00
 Extra Packer 100.00
 Other 100.00
TOTAL PRICE \$ 1450.00

Approved By _____

Our Representative Tom Horvack

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7382 Date 1-3-95
Company Name Anadarko Pet. Corp.
Lease Flower A-1 Test No. 18
County Stevens Ks. Sec. 25 Twp. 31 Rng. 38

SAMPLER RECOVERY

Gas _____ ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 10 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 3500 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 91
Mud Weight 1.4
Filtrate _____
Other Foam

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 1.8 ohms @ 60 F
Chlorides 5100 ppm.

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name FLOWER 'A' #1 Test No. 18 'B' Date 1/5/95
Company ANADARKO PETROLEUM CORP Zone CG C-1
Address BOX 351, LIBERAL, KS 67905-0351 Elevation 3140
Co. Rep./Geo. MATT GOOLSBY Cont. NORSEMAN DRILLING #1 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 31S Rge. 38W Co. STEVENS State KS

Interval Tested 2986-3005 Drill Pipe Size 4.5" XH
Anchor Length 18 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2979 Drill Collar - 2.25 Ft. Run 653
Bottom Packer Depth 2987 Mud Wt. 1.26 lb/Gal.
Total Depth 3005 Viscosity 91 Filtrate _____

Tool Open @ 10:12AM Initial Blow 2" BLOW, OPEN 2 INCHES

Final Blow _____

Recovery - Total Feet 1 Flush Tool? NO

Rec. 1 Feet of SOAPY WATER
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 1.8 @ 58 °F Chlorides 5000 ppm Recovery Chlorides 2400 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 60 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 24 HRS Final Shut-in _____

TOM HORACEK

Our Representative _____

FLUID SAMPLER DATA

Ticket No. 7383

Date: 1/5/95

Company: ANADARKO PETROLEUM CORP

Lease: FLOWER 'A' #1

Test No.: 18 'B'

County: STEVENS

Sec.: 25

Twp.: 31S

Rng.: 38W

SAMPLER RECOVERY

Gas 4000 ML

Oil ML

Mud ML

Water ML

Other ML

Pressure 20 PSI

TOTAL 4000 ML

SAMPLER ANALYSIS

Resistivity ohms@ F

Chlorides ppm.

Gravity corrected @60F

PIT MUD ANALYSIS

Chlorides 2400

Resistivity ohms@ F

Viscosity 91

Mud Wt. 1.26

Filtrate

Other FOAM

PIPE RECOVER

TOP

Resistivity ohms@ F

Chlorides ppm.

MIDDLE

Resistivity ohms@ F

Chlorides ppm.

BOTTOM

Resistivity 1.8 ohms@ 58 F

Chlorides 5000 ppm.

TRILOBITE TESTING L.L.C.

P.O. BOX 362 • Hays, Kansas 67601

ORIGINAL

Test Ticket CONFIDENTIAL No. 7383

Well Name & No. Flower A #1 Test No. #18" B' Date 1-5-95
 Company Anadarko Pet. Corp Zone Tested C6 C-1
 Address Box 351 Liberal Ks 67905-0351 Elevation 3140 (GL)
 Co. Rep./Geo. Matt Goosby Cont. Norseman Dly #1 Est. Ft. of Pay _____
 Location: Sec. 25 Twp. 31 S Rge. 38 W Co. Stevens State Ks
 No. of Copies _____ Distribution Sheet _____ Yes NO Turnkey _____ Yes NO Evaluation _____

Interval Tested 2987-3005 Drill Pipe Size 4.5 x-Hole
 Anchor Length 18' Top Choke — 1" _____ Bottom Choke — 1/4" _____
 Top Packer Depth 2979 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 2987 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 3005 Drill Collar — 2.25 Ft. Run 653
 Mud Wt. 1.26 lb/gal. Viscosity 91 Filtrate _____
 Tool Open @ 10:12 AM Initial Blow 2 in blow Open 2 in.

Final Blow _____

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
<u>1'</u>		<u>No</u>
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. <u>1'</u> Feet Of <u>soapy water</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 1.8 @ 58 °F Chlorides 5000 ppm Recovery Chlorides 2400 ppm System

- (A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____
- (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure _____ PSI Initial Opening 1 hr Test 600.00
- (H) Final Hydrostatic Mud _____ PSI Initial Shut-In 24 hrs Jars 200.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow _____ Safety Joint 50.00
 Final Shut-In _____ Straddle 200.00
 Circ. Sub _____
 Sampler 200.00
 Extra Packer 100.00
 Other SKALC Packer 100.00
 TOTAL PRICE \$ 1450.00

Approved By _____
 Our Representative Tom Ibracick

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 7383 Date 1-5-95
Company Name Anadarko Pet. Corp.
Lease Flower A #1 Test No. 18-B
County Stevens Ks. Sec. 25 Twp. 31 Rng. 38

SAMPLER RECOVERY

Gas 4000 ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 20 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 2400 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 91
Mud Weight 1.26
Filtrate -
Other Foam

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 1.8 ohms @ 58 F
Chlorides 5000 ppm.