

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 4549Name: ANADARKO PETROLEUM CORPORATIONAddress P. O. BOX 351City/State/Zip LIBERAL, KANSAS 67905-0351Purchaser: NONEOperator Contact Person: DAVID W. KAPPLEPhone (316) 624-6253Contractor: Name: CHEYENNE DRILLINGLicense: 5382

Wellsite Geologist: _____

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☒ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to ☐ Inj? ☐ PSTD☐ Plug Back ☐ Docket No. _____☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____7-17-97 7-26-97 7-27-97

Spud Date Date Reached TD Completion Date

API NO. 15- 129-21522-00-00County MORTON- C - SW - SE Sec. 36 Twp. 34 Rge. 42 ☐ E ☒ W660 Feet from ☒ (circle one) Line of Section1980 Feet from ☒ (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, ☒ SE, NW or SW (circle one)Lease Name BENNETT "B" Well # 6Field Name TALOGAProducing Formation NONEElevation: Ground 3526 KB _____Total Depth 5300 PSTD 0Amount of Surface Pipe Set and Cemented at 1443 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D4A QX 9-13-97
(Data must be collected from the Reserve Pit)Chloride content 1400 ppm Fluid volume 700 bblsLogging method used DRY, BACKFILL & RESTORE LOCATION.

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

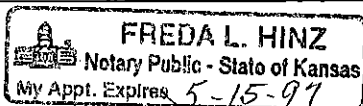
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature L. Marc Harvey

L. MARC HARVEY

Title DRILLING TECHNICAL ASSISTANT Date 8-15-97Subscribed and sworn to before me this 15th day of August 1997.Notary Public Freda L. Hinz

Date Commission Expires _____



K.C.C. OFFICE USE ONLY

F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☒ Geologist Report Received

☒ KCC ☐ SWD/Rep ☐ NGPA
☐ KGS ☐ Plug ☐ Other
(Specify)

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATIONLease Name BENNETT "B"Well # 61Sec. 36 Twp. 34 Rge. 42☐ EastCounty MORTON☒ West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No
(Attach Additional Sheets.)Samples Sent to Geological Survey ☒ Yes ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run: DIL, CNL-LDT, ML, SONIC.

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
B/STONE CORRAL	1470	
CHASE	2182	
COUNCIL GROVE	2480	
WABAUNSEE	2848	
TOPEKA	3058	
B/HEEBNER	3415	
LANSING	3484	
KANSAS CITY	3700	
MARMATON	4035	
MORROW	4630	
MISSISSIPPIAN	5148	

CASING RECORD

☒ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12-1/4"	8-5/8"	23.0	1443	CLASS C/ CLASS C.	320/100	16% GEL, 3% SALT, 1/4%SK FLOCELE/ 2%CC, 1/4%SK FLOCELE.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
TUBING RECORD	Size	Set At	Packer At	Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj. D&A		Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil N/A Bbls.	Gas N/A Mcf	Water N/A Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____NONE-D&A



CEMENT JOB REPORT

ORIGINAL

Page 1 of 1

CUSTOMER ANADARKO			DATE 7-18-97			F.R.# 100457			SERV. SUPV. A. CALVIN THIGPEN				
LEASE & WELL NAME-OCSSG BENNETT B-6			LOCATION SEC 36-34-5-42W			COUNTY-PARISH-BLOCK MORTON							
DISTRICT PERRYTON			DRILLING CONTRACTOR RIG # CHEYENNE			TYPE OF JOB 8 5/8" SURFACE CSG							
SIZE & TYPE OF PLUGS			LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES							
TOP	8 5/8" RUBBER		GUIDE SHOE, insert float			SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
BTM			w/AFU, 6 centralizer										
MATERIALS FURNISHED BY B1 BASKET													
320 SX C w/16% gel, 3% SALT, .25 [#] /BK cello flake						11.37	3.39	28.87	3.34	193	159		
100 SX C w/2% CaCl ₂ , .25 [#] /BK cello flake						14.81	1.34	6.32	2.24	21	15		
Available Mix Water 400 Bbl.						Available Displ. Fluid 400 Bbl.			TOTAL				
HOLE			TBG-CSG-D.P.			TBG-CSG-D.P.			COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE
12 1/4		1455					8 5/8	24 [#]		1458	1458	1415	1
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
									8 5/8	8 RD	NATIVE mud	9.1	
CAL. DISPL VOL-Bbl.				CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		DISPL. FLUID		WATER SOURCE
TBG.	CSG.	CSG.	TOTAL	BUMP PLUG	TO REV.	SG. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	
	90		90								H ₂ O	8.33	RIG
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:													
PRESSURE/RATE DETAIL						EXPLANATION							
TIME	PRESSURE-PSI		RATE	Bbl. FLUID	FLUID	SAFETY MEETING: BJ CREW ☒ CO. REP. ☐ TEST LINES 2000 PSI CIRCULATING WELL-RIG ☒ BJ ☐							
HR: MIN.	PIPE	ANNULUS	BPM	PUMPED	TYPE								
1000						on loc							
1130						BKK circ w/rig pumps							
1206	100		4		Cmt	start mix lead cmt							
1243	200		5	193	cmt	switch to TAIL cmt							
1254				24	cmt	shut down, drop plug							
1255	200		5		H ₂ O	start displ							
1319	1000			90	H ₂ O	Plug Down, Test Float, Holding							
RECEIVED KANSAS CORPORATION COMMISSION AUG 19 1997 CONSERVATION DIVISION WICHITA, KS													
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	Bbl. CMT RETURNS/ REVERSED	TOTAL Bbl. PUMPED	PSI LEFT ON CSG	SPOT TOP CEMENT	SERV. SUPV. A. CALVIN THIGPEN						
(Y) N	1000	(Y) N	50	9									

CEMENT JOB REPORT

ORIGINAL

Page 6 of 6

CUSTOMER	H.A. Adarko						DATE	7-26-97		F.R.#	086617		SERV. SUPV.	ALTON ALLEN			
LEASE & WELL NAME-OCSG	Bervett B-6						LOCATION	See 36 34S 42 W				COUNTY-PARISH-BLOCK	MORTON, KANSAS				
DISTRICT	Parryton Twp						DRILLING CONTRACTOR RIG #	Chapman Rig H 7				TYPE OF JOB	Plug Repair				
SIZE & TYPE OF PLUGS							LIST-CSG-HARDWARE					PHYSICAL SLURRY PROPERTIES					
TOP												SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
BTM																	
MATERIALS FURNISHED BY BJ																	
165 SKS 40/60 POZ "H" + 6% Gel																	
13.0 1.8 9.9 500 52.9 38.9																	
Available Mix Water 40 Bbl Available Displ. Fluid 250 Bbl TOTAL 52.9 38.9																	
HOLE			TBG-CSG-D.P.				TBG-CSG-D.P.				COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE				
7 7/8	-	16300	4 1/2"	166	-	1466'	-	-	-	-	-	-	-				
LAST CASING				PKR-CMT RET-BR PL-LINER				PERF. DEPTH			TOP CONN		WELL FLUID				
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.					
-	-	-	-	-		-	-	-	-	-	-	9 1/2					
CAL DISPL VOL-BBL				CAL PSI	CAL MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		DISPL FLUID		WATER SOURCE				
TBG	CSG	CSG	TOTAL	BUMP PLUG	TO REV.	SG. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.					
-	-	-	-	-	-	-	7210	5768	-	-	mud + 1420	-	rig				
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING.																	
PRESSURE/RATE DETAIL								EXPLANATION									
TIME	PRESSURE-PSI		RATE	Bbl. FLUID	FLUID	SAFETY MEETING: BJ CREW ☐ CO. REP. ☐ TEST LINES _____ PSI CIRCULATING WELL-RIG ☐ BJ ☐											
HR: MIN.	PIPE	ANNULUS	BPM	PUMPED	TYPE												
20:30 pm	-	-	-	-	-	Arrive on Loc Spot & equipment											
20:35	-	-	-	-	-	Safety meeting											
20:40	-	-	-	-	-	L24 line											
2350	-	-	-	-	E TOP CM	Pressure test											
2355	-	-	3	39	Ent 1200'	1st plug - 10 Bbl H2O - 13 Bbl cement - 3 Bbl H2O - 13 Bbl mud											
1245	-	-	3	26	ent 525'	2nd plug - 10 Bbl H2O - 10 Bbl cement - 3 Bbl H2O - 3 Bbl mud											
1130	-	-	3	22	ent 175'	3rd plug - 10 Bbl H2O - 10 Bbl cement - 2 Bbl H2O -											
2355	-	-	3	2 1/2	inst Sun	4th plug - 2 1/2 Bbl cement more hole											
2350	-	-	3	2 1/2	-	5th rest hole											
2355	-	-	3	4.8	-	6th more hole											
-	-	-	3	-	-												
-	-	-	-	-	-												
-	-	-	-	-	-												
-	-	-	-	-	-												
-	-	-	-	-	-												
-	-	-	-	-	-												
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	Bbl. CMT RETURNS/ REVERSED	TOTAL Bbl. PUMPED	PSI LEFT ON CSG	SPOT TOP CEMENT	SERV. SUPV. ALTON ALLEN										
YLN	-	YLN	0	96.8	8	0											

ANADARKO PETROLEUM CORPORATION
BENNETT B-6
SECTION 36-T34S-R42W
MORTON COUNTY, KANSAS

ORIGINAL

COMMENCED: 07-17-97
COMPLETED: 07-27-97

SURFACE CASING: 1443' OF 8 5/8" CMTD
W/320 SKS PREMIUM PLUS MIDCON + 3% CC
+ 1/4 #/SK FLOCELE. TAILED IN W/100 SKS
PREMIUM PLUS + 2% CC + 1/4 #/SK FLOCELE.

15-129-21522

FORMATION

DEPTH

SURFACE HOLE
SANDSTONE & RED BED
RED BED & SHALE
LIMESTONE & SHALE

0 - 1442
1442 - 2700
2700 - 3000
3000 - 5300 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

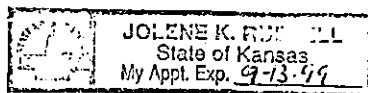


WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 29TH DAY OF JULY, 1997.

JOLENE K. RUSSELL


NOTARY PUBLIC

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 19 1997

CONSERVATION DIVISION
WICHITA, KS

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

15-129-21522

ORIGINAL

Test Ticket

No 9849

Well Name & No. <u>Bennett "B" #6</u>	Test No. <u>#1</u>	Date <u>7/24/97</u>
Company <u>Anadarko Pet. Corp.</u>	Zone Tested <u>Upper Morrow</u>	
Address <u>Liberal KS. 67905-0351</u>	Elevation _____	KB _____ GL _____
Co. Rep / Geo. _____	Cont. <u>Chycane Rig #7</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>36</u> Twp. <u>34S</u> Rge. <u>42W</u>	Co. <u>Morton</u>	State <u>KS.</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>4638 - 4751'</u>	Initial Str Wt Lbs. <u>90,000</u>	Unseated Str Wt Lbs. <u>92,000</u>
Anchor Length <u>113'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose Lbs. <u>120,000</u>
Top Packer Depth <u>4633</u>	Tool Weight <u>1,400</u>	
Bottom Packer Depth <u>4638</u>	Hole Size — 7 7/8" <u>X</u>	Rubber Size — 6 3/4" <u>X</u>
Total Depth <u>4751</u>	Wt. Pipe Run _____	Drill Collar Run <u>724'</u>
Mud Wt. <u>9.0</u> LCM <u>7</u> Vis. <u>65</u> WL <u>9.5</u>	Drill Pipe Size <u>4 1/2 x 60k</u>	Ft. Run <u>3999</u>
Blow Description <u>Weak Surface Blow Built to Lin.</u>		

2nd opening NO Blow

Recovery — Total Feet <u>30</u>	GIP _____	Ft. in DC <u>30</u>	Ft. in DP _____
Rec. <u>30</u> Feet Of <u>Dry Mud</u>	%gas _____	%oil _____	%water <u>100</u> %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 117 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 4000 ppm System

(A) Initial Hydrostatic Mud <u>2366</u> <u>2696</u> PSI	Recorder No. <u>2351</u>	T-Started <u>9:00 am</u>
(B) First Initial Flow Pressure <u>31</u> <u>120</u> PSI	(depth) <u>4642</u>	T-Open <u>11:20 am</u>
(C) First Final Flow Pressure <u>39</u> <u>120</u> PSI	Recorder No. <u>13615</u>	T-Pulled <u>3:52 pm</u>
(D) Initial Shut-in Pressure <u>70</u> <u>132</u> PSI	(depth) <u>4748</u>	T-Out <u>7:00 pm</u>
(E) Second Initial Flow Pressure <u>37</u> <u>120</u> PSI	Recorder No. _____	
(F) Second Final Flow Pressure <u>43</u> <u>120</u> PSI	(depth) _____	
(G) Final Shut-in Pressure <u>69</u> <u>132</u> PSI	Initial Opening <u>30 min</u>	Test <u>Conventional</u>
(H) Final Hydrostatic Mud <u>2005</u> <u>2385</u> PSI	Initial Shut-in <u>60 min</u>	Jars <u>✓</u>

Alpine

A-1

Final Flow 60 min
Final Shut-in 120 min

Safety Joint ✓
 Straddle _____
 Circ. Sub ✓ W/C
 Sampler ✓

Extra Packer _____
 Elect. Rec. ✓
 Other _____

TOTAL PRICE \$ _____

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

Shirley H. Greaves

RECEIVED

KANSAS CORPORATION COMMISSION

Our Representative

Phil Johnston

AUG 19 1997

ORIGINAL

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 9849 Date 7-23-97
 Company Name Anadarko Pet Corp.
 Lease Beane #1 "B" #6 Test No. 051 #1
 County Morton Sec. 36 Twp. 34S Rng. 40W

SAMPLER RECOVERY

Gas _____ ML
 Oil _____ ML
 Mud 4,200 ML
 Water _____ ML
 Other _____ ML
 Pressure 50 PSI
 Total 4,200 ML

SAMPLER ANALYSIS

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

PIT MUD ANALYSIS

Chlorides 1,000 ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity 65
 Mud Weight 9.0
 Filtrate 95
 Other 6 CM 7 #

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

Test Ticket

9850

Well Name & No. <u>Benn 11 13 14 6</u>	Test No. <u>#2</u>	Date <u>7-24-97</u>
Company <u>Anadarko Pet. Corp.</u>	Zone Tested <u>Upper Morrow</u>	
Address <u>Liberal KS 67905-0351</u>	Elevation <u>3538</u> <u>35.2</u> GL	
Co. Rep / Geo. <u>ED Givens</u>	Cont. <u>Cherokee Ry #7</u>	Est. Ft. of Pay <u>14</u> Por. <u> </u> %
Location: Sec. <u>36</u> Twp. <u>34S</u> Rge. <u>42W</u> Co. <u>Morton</u> State <u>KS</u>		
No. of Copies <u> </u> Distribution Sheet (Y, N) <u> </u> Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>		

Interval Tested <u>4635-4803</u>	Initial Str Wt./Lbs. <u>2000</u>	Unseated Str Wt./Lbs. <u>2800</u>
Anchor Length <u>168'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>13,200</u>
Top Packer Depth <u>4630</u>	Tool Weight <u>1,800</u>	
Bottom Packer Depth <u>4635</u>	Hole Size — 7 7/8" <u>X</u>	Rubber Size — 6 3/4" <u>X</u>
Total Depth <u>4803</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u>224'</u>
Mud Wt. <u>9.0</u> LCM <u>7</u> Vis. <u>65</u> WL <u>9.5</u>	Drill Pipe Size <u>4 1/2 x 11.1</u>	Ft. Run <u>4061</u>

Blow Description Strong Blow B.O.B. in 2 min
1st Blow off 2 in Hard Surface Blow Back
2nd Strong Blow B.O.B. in 5 min
3rd Blow off 2 in Hard Surface Blow Back

Recovery — Total Feet <u>2250</u>	GIP <u> </u>	Ft. in DC <u>704</u>	Ft. in DP <u>1546</u>
Rec. <u>150</u> Feet Of <u>Oil Mud</u>	%gas <u> </u> %oil <u> </u> %water <u>100</u> %mud <u> </u>		
Rec. <u>180</u> Feet Of <u>Mud Water</u>	%gas <u> </u> %oil <u>50</u> %water <u>50</u> %mud <u> </u>		
Rec. <u>300</u> Feet Of <u>Mud Water</u>	%gas <u> </u> %oil <u>90</u> %water <u>10</u> %mud <u> </u>		
Rec. <u>1620</u> Feet Of <u>Salt Water</u>	%gas <u> </u> %oil <u>100</u> %water <u> </u> %mud <u> </u>		
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u> %oil <u> </u> %water <u> </u> %mud <u> </u>		

BHT <u>118</u> °F Gravity <u> </u> °API D@ <u> </u> °F Corrected Gravity <u> </u> °API
RW <u>115</u> @ <u>90.6</u> °F Chlorides <u>5,000</u> ppm Recovery Chlorides <u>4000</u> ppm System

(A) Initial Hydrostatic Mud <u>2515</u> [2567] PSI	Recorder No. <u>2351</u>	T-Started <u>7:30 am</u>
(B) First Initial Flow Pressure <u>156</u> [262] PSI	(depth) <u>4639</u>	T-Open <u>10:00 am</u>
(C) First Final Flow Pressure <u>201</u> [264] PSI	Recorder No. <u>13615</u>	T-Pulled <u>2:30 pm</u>
(D) Initial Shut-in Pressure <u>1339</u> [1393] PSI	(depth) <u>4800</u>	T-Out <u>6:30 pm</u>
(E) Second Initial Flow Pressure <u>261</u> [853] PSI	Recorder No. <u> </u>	
(F) Second Final Flow Pressure <u>1087</u> [1117] PSI	(depth) <u> </u>	
(G) Final Shut-in Pressure <u>1330</u> [1393] PSI	Initial Opening <u>30 min</u>	Test <u>Conventional</u>
(H) Final Hydrostatic Mud <u>2391</u> [2489] PSI	Initial Shut-in <u>60 min</u>	Jars <u> </u>
<u>AK-1</u>	Final Flow <u>60 min</u>	Safety Joint <u> </u>
	Final Shut-in <u>100 min</u>	Straddle <u> </u>

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 POST BY THE PARTY FOR WHOM THE TEST IS MADE.

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 19 1997

CONSERVATION DIVISION
WICHITA, KS

Approved By [Signature]
 Our Representative [Signature]

Circ. Sub <u> </u>	Sampler <u> </u>
Extra Packer <u> </u>	Elect. Rec. <u> </u>
Other <u> </u>	TOTAL PRICE \$ <u> </u>