

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

Operator: License # 4549
 Name: ANADARKO PETROLEUM CORPORATION
 Address P. O. BOX 351
 City/State/Zip LIBERAL, KANSAS 67905-0351
 Purchaser: ANADARKO ENERGY SERVICES
 Operator Contact Person: DAVID W. KAPPLÉ
 Phone (316) 624-6253
 Contractor: Name: CHEYENNE DRILLING
 License: 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/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
9-11-97 10-1-97 11-12-97
 Spud Date Date Reached TD Completion Date

API NO. 15- 129-21530 -00-00
 County MORION
C - W/2 - NW Sec. 4 Twp. 33 Rge. 40 E
1320 Feet from N X (circle one) Line of Section
660 Feet from X W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE, SE, NW or SW (circle one)
 Lease Name USA EVANS "D" Well # 1
 Field Name CIMARRON VALLEY
 Producing Formation MORROW
 Elevation: Ground 3343.0 KB _____
 Total Depth 7010 PBTB 5600
 Amount of Surface Pipe Set and Cemented at 1511 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 3360 & 4843 Feet
 If Alternate II completion, cement circulated from _____
 feet depth to _____ w/ _____ sx cmt.
 Drilling Fluid Management Plan A.F.L. 4-23-98 U.C.
 (Data must be collected from the Reserve Pit)
 Chloride content 2700 ppm Fluid volume 700 bbls
 Dewatering 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. _____

RECEIVED
 KANSAS CORP COM
 12-19-97

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 207B, 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
 Title DRILLING TECHNICAL ASSISTANT Date 12-17-97
 Subscribed and sworn to before me this 17th day of December
 19 97.
 Notary Public Freda L. Hinz
 Date Commission Expires _____

FREDA L. HINZ
 Notary Public - State of Kansas
 My Appt. Expires 5-15-99

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name USA EVANS "D" Well # 1

Sec. 4 Twp. 33 Rge. 40 East County 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 No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run: SBT-CCL-GR, DIL, CNL-LDT, ML, CAL, SONIC, FMI.

Log Formation (Top), Depth and Datums Sample

Name	Top		Datum
CHASE	2274	KINDERHOOK	6434
COUNCIL GROVE	2621	VIOLA	6504
WABAUNSEE	2993	SIMPSON	6684
TOPEKA	3234	ARBUCKLE	6694
B/HHEEBNER	3713		
KANSAS CITY	3983		
MARMATON	4476		
CHEROKEE	4658		
MORROW	5041		
MISS. UNCONF.	5594		
ST. LOUIS	5744		
SPERGEN	5941		
OSAGE	6216		

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	1511	CLASS C/ CLASS C.	335/100	16% GEL, 3% SALT/ 2%CC.
PRODUCTION	7-7/8"	5-1/2" 2 ND STAGE TO CMT DV TOOL	15.5	6995 @ 4843	P+ VSET/ 50/50 POZ/ 50/50 POZ.	210/215/ 230.	.6& HALAD-322, 5% KCL, .9% VERSASET, 1/4#SK FLOCELE/.75% HALAD 322, 5% KCL, .9% VERSASET, 1/4#SK FLOCELE/SAME.
				FO TOOL @ 3360	P+ MIDCON 2	125	3%CC, 1/4#SK FLOCELE.

ADDITIONAL CEMENTING/SQUEEZE RECORD

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

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	
	4	6865-6905, CIBP @ 6770.		NONE
4	6630-6668, CIBP @ 6625.		ACID: 2000 GAL 15% MCA 6630-6668	
4	6590-6619, CIBP @ 5600.		NONE	
4	5489-5496.		NONE	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. 11-21-97	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	1424	0		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____ Production Interval: 5489-5496



CEMENT JOB REPORT

CUSTOMER ANADARKO	DATE 9-12-97	F.R.# 076822	SERV. SUPV. ALTON HALEN
LEASE & WELL NAME-OCSG USA EVANS D #1	LOCATION SECA-33 S-40 W	COUNTY-PARISH-BLOCK MORTON, Kansas	
DISTRICT	DRILLING CONTRACTOR RIG # Chrysema	TYPE OF JOB 8 1/2" surface	

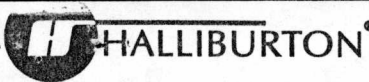
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE	PHYSICAL SLURRY PROPERTIES						
TOP	BTM		SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
8 1/2" Rubber		1 guide shoe, 1 insert + AFU							
		4 centralizers							
MATERIALS FURNISHED BY BJ									
1st slurry 330 SKS 'C' + 16% Gel + 3% SALT			11.4	3.35	20.63	5:01	196.9	162	
2nd slurry 100 SKS 'C' + 2% calc 2			14.8	1.34	6.32	3:00	23.9	15	
Available Mix Water <u>200</u> Bbl.			Available Displ. Fluid <u>100</u> Bbl.			TOTAL		220.8	177

ORIGINAL

HOLE			TBG-CSG-D.P.			TBG-CSG-D.P.			COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	DEPTH	SIZE	WGT.	DEPTH	SHOE	FLOAT	STAGE	
12 1/2"	20%	1511	8 1/2"	23#	1511	-	-	-	1511	1465'	-	
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
-	-	-	-		-	-	-	-	-	-	-	
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.
923	923	923	923	272	272	-	-	-	1340	1072	H2O	8.24 RIG

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR: MIN.	PRESSURE-PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input type="checkbox"/> CO. REP. <input type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	PSI
-	-	-	-	-	-	CIRCULATING WELL-RIG <input type="checkbox"/> BJ <input type="checkbox"/>	
6 pm	-	-	-	-	-	SS on loc	
8 pm	-	-	-	-	-	2 1/2 min on loc + spot	
10:30 pm	-	-	-	-	-	Start Road	
11:08	-	-	-	-	-	Pressure Test 1000	
11:10	150	150	5.5	10	H2O	H2O ahead	
11:15	150	150	5.5	196	Cmt	Start back cmt	
11:40	150	150	3.5	23	Cmt	Tail cmt	
11:45	-	-	-	-	-	Shut down + drop plug	
11:55	200	200	5.5	87	H2O	displacement	
12:05 PM	300	300	2.5	8	H2O	Slow Rate	
12:10 PM	800	300	2.5	1	H2O	Bump plug + monitor float held	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	
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.
X N	272	X N	30	325	0	Surface	<i>Alton Halen</i>



JOB SUMMARY 4239-1

TICKET # 734932	TICKET DATE 10/2/97
BDA / STATE Ks	COUNTY Morton
PSL DEPARTMENT CEMENT	CUSTOMER REP / PHONE JR. Stuck
API / UWI #	JOB PURPOSE CODE 035 - 2 stage

REGION North America	NWA/COUNTRY Mid Cont
MBU ID / EMP #	EMPLOYEE NAME Melvin Fox
LOCATION LJ0101	COMPANY ANADARKO
TICKET AMOUNT LIBERAL	WELL TYPE 01
WELL LOCATION WIPOLLA	DEPARTMENT CEMENT
LEASE / WELL # USA EQUANS #B-1	SEC / TWP / RNG

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
M Fox	60423						
S Grant	114639						
C Ashley	44061						
J Ross	69775						

ORIGINAL

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe	1	Howco
Guide Shoe		
Centralizers	45	Howco
Bottom Plug		
Top Plug	1	Howco
Head	1	Howco
Packer	2	Howco
Other		

MATERIALS		
Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	10/1/97	10/1/97	10/2/97	10/2/97
TIME	1330	1700	0549	1330

WELL DATA						
	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	155	155+17	5 1/2	0	6995	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				RECEIVED ANADARKO CORP COMM DUPLICATE 11:35

HYDRAULIC HORSEPOWER		
ORDERED	Avail.	Used
TREATED	AVERAGE RATES IN BPM	Overall
FEET	CEMENT LEFT IN PIPE	Reason

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	210	PREM. (11)		79% cement 5% KCL 6% H2O 1% H2O 322 1/4" Flocc/E	191	145
1	215	50/50/1020		25% total Gel 10% SALT 75% H2O 322 1/4" Flocc/E		
2	255	5% Perz		25% total Gel 10% SALT 75% H2O 322 1/4" Flocc/E		

Circulating _____	Displacement _____	Preflush: _____	Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: _____	Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment _____	Gal - BBI _____	Disp: BBI - Gal _____
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr _____	Gal - BBI _____	
		Total Volume _____	Gal - BBI _____	

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
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THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE *JR. Stuck*

TICKET #	234932	TICKET DATE	10/2/97
REGION	North America	NWA/COUNTRY	Mid Cont.
MBU ID / EMP #	LT0101	EMPLOYEE NAME	Melvin Fox
LOCATION	Liberal	COMPANY	Anadarko
TICKET AMOUNT		WELL TYPE	01
WELL LOCATION	N/Kolla	DEPARTMENT	CEMENT
LEASE / WELL #	USA EVANS # B-1	SEC / TWP / RNG	
BDA / STATE	Ks	PSL DEPARTMENT	Cement
COUNTY	Moeton	CUSTOMER REP / PHONE	JR. Stuck
		API / UWI #	
		JOB PURPOSE CODE	035

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
M Fox	F0473						
S Grant	H4639						
C Ashley	44061						
J Frost	69775						

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1330							Called out
	1700							on loc Pulling DRILL PIPE
	2125							START RUNNING Csg.
	035							Put Div. Tool in on 51" JT 4845ft
	130							Put port COLLAR on 86" JT 3361.71ft
	0426							Hook up Circ
	0557		52					Hook up to Cmt
	0605		49					Pump Lead Cmt. 14.5" 1 st STAGE
	0616							Pump Tail Cmt. 14.4" 2 nd STAGE
	0618		172					Drop Latch Down Plug
			50					DISPLACE
			122					H2O
	0651							Plug
	0713					400		Drop Bomb
	0720							open Tool
	1045							Hook to Rig to Circ. 4 Hrs
	1112		10					Plug RAT & Mouse Hole
	1115		52					Pump Super Flush
	1127							Pump 2 nd STAGE Cmt 14.4"
	1129		115					Drop Closing Plug Plug
	1151		115					DISPLACE
								Tool Closed

RECEIVED
 KANSAS CORP CORP
 OCT 19 11:35

Thanks for Calling Halliburton
 M Fox S Grant C Ashley J Frost
 S Telford

REGION North America	WVA/COUNTRY mid cont	BDA/STATE KS	COUNTY DICKINSON
MBU ID / EMP # LT2001	EMPLOYEE NAME R. Hartman	PBL DEPARTMENT TOOLS	
LOCATION Liberal	COMPANY Hunducke Petrop	CUSTOMER REP / PHONE in stuck	
TICKET AMOUNT	WELL TYPE 02	API / UWI	
WELL LOCATION AL Well	DEPARTMENT 500	JOB PURPOSE CODE 195	
LEASE / WELL #	SEC / TWP / RNG 4-23c-40W		

WKS EMP NAME / EMP # / EXPOSURE HOURS / HRS	WKS EMP NAME / EMP # / EXPOSURE HOURS / HRS	WKS EMP NAME / EMP # / EXPOSURE HOURS / HRS	WKS EMP NAME / EMP # / EXPOSURE HOURS / HRS
H. ... 44904			
ORIGINAL			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				Y	C	Tbg	Csg	
	07.00							Called out
	10.00							on loc
	10.00							Requested on loc
	11.42							Start Tbg & port collar Tbl to per tool in Hole
	13.30							Tbg on Bottom
	13.35			✓		500	500	psi Test OK
	13.56							open PORT collar
	13.57	3				700		Take injection Port
	14.05							Mix cmt
	14.07	3		✓		650		Pump cmt
	14.40		71 42	✓				Finish pumping cmt
	14.41							Wash pump line out Tbl
	14.44	2		✓		700		Start Disp
	15.00		12.42	✓				Finish Disp
	15.01							Close Port collar
	15.07			✓		500		psi Test OK
	15.08							Run 2nd Tbg & CIB Hole
	15.70							Pull Tbg
	16.00							Tab cover
RIDE VEIL								
MIDAS CORP. CHINA								
FRI DEC 19 11:25								
CIB 1 BBL cmt Tbl								

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

ORIGINAL

No. 9895

Well Name & No. USA, Evans D-1 Test No. 1 Date 9-20-97
 Company Anadarko Zone Tested Lower Morrow G1-G2
 Address Liberal, KS Elevation 3356 KB 3343GL
 Co. Rep / Geo. P.D. Grievens Cont. Cheyenne #7 Est. Ft. of Pay 34' Por. 34' %
 Location: Sec. 4 Twp. 33S Rge. 40W Co. Morton State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5385-5493 Initial Str Wt./Lbs. 116,000 Unseated Str Wt./Lbs. 135,000
 Anchor Length 108' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 160,000
 Top Packer Depth 5380 Tool Weight 1,800
 Bottom Packer Depth 5385 Hole Size — 7 7/8" X Rubber Size — 6 3/4" Y
 Total Depth 5493 Wt. Pipe Run _____ Drill Collar Run 688
 Mud Wt. 9.0 LCM 11P Vis. 53 WL 8.7 Drill Pipe Size 4 1/2" hole Ft. Run 114

Blow Description FF - weak blow, built to 1/2" in bucket. Began decreasing and died.

ISI
SF - weak blow for 2 min then died.
FSI -

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP	%gas	%oil	%water	%mud
<u>5'</u>		<u>5'</u>				<u>100</u>	
Rec. <u>5'</u> Feet Of	<u>100% Delq mud</u>					<u>0</u>	
Rec. _____ Feet Of						<u>0</u>	
Rec. _____ Feet Of						<u>0</u>	
Rec. _____ Feet Of						<u>0</u>	
Rec. _____ Feet Of						<u>0</u>	

BHT 140° °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 900 ppm System

- (A) Initial Hydrostatic Mud 2695 2778 PSI Recorder No. 3024 T-Started 12AM
- (B) First Initial Flow Pressure 425 245 PSI (depth) 5392 T-Open 5:34AM
- (C) First Final Flow Pressure 941 1674 PSI Recorder No. 1055 T-Pulled 10:04AM
- (D) Initial Shut-in Pressure 893 1016 PSI (depth) 5493 T-Out 1:15AM
- (E) Second Initial Flow Pressure 350 348 PSI Recorder No. _____
- (F) Second Final Flow Pressure 209 522 PSI (depth) _____
- (G) Final Shut-in Pressure 813 925 PSI Initial Opening 30 Test Conventional
- (H) Final Hydrostatic Mud 2540 2645 PSI Initial Shut-in 60 Jars ✓

Alpine AK-1 Final Flow 60 Safety Joint ✓

Final Shut-in 120 Straddle _____

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 [Signature]

Our Representative [Signature]

- Circ. Sub ✓
- Sampler ✓
- Extra Packer _____
- Elect. Rec. ✓
- Other _____
- TOTAL PRICE \$ Est \$1400.00

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

ORIGINAL

No 9896

Well Name & No. USA Evans D#1 Test No. 2 Date 9-22-97
 Company Anadarko Zone Tested Lower Morrow "G" Mass'ive
 Address P.O. Box 351 Liberal, KS, 67906-0351 Elevation 3356 KB 3343 GL
 Co. Rep / Geo. Ed, Griceus Cont. Cheyenne #7 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 4 Twp. 33s Rge. 40w Co. Marion State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5516 - 5530' Initial Str Wt./Lbs. 116,000 Unseated Str Wt./Lbs. 120,000
 Anchor Length 14' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 220,000
 Top Packer Depth 5524' Tool Weight 1,600
 Bottom Packer Depth 5516' Hole Size - 7 7/8" X Rubber Size - 6 3/4" X
 Total Depth 5530' Wt. Pipe Run _____ Drill Collar Run 688'
 Mud Wt. 9.2 LCM 6# Vis. 100 WL 8.9 Drill Pipe Size 4 1/2" hole Ft. Run 4808'
 Blow Description FF - Strong blow BOB, 1 min. Gas to surface 4 min. (Gas will burn.)
ISF - Weak blow back. Built to pin. in bucket.
SF - Strong blow. BOB, soon as open. (Lud to surface 50 min, strong spray.)
FSP - No blow back.

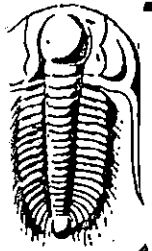
Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
53'	5530'	688'	445'
240'			
240'			
300'			
300'			

BHT 145° °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW .250 @ 69.2 °F Chlorides 29,000 ppm Recovery Chlorides 1100 ppm System
 (A) Initial Hydrostatic Mud 2721 2788 PSI Recorder No. 3024 T-Started 4:00 AM
 (B) First Initial Flow Pressure 684 532 PSI (depth) 5519' T-Open 7:01 AM
 (C) First Final Flow Pressure 673 674 PSI Recorder No. 1055 T-Pulled 12:11 pm
 (D) Initial Shut-in Pressure 1280 1277 PSI (depth) 5530' T-Out 4:00 pm
 (E) Second Initial Flow Pressure 637 654 PSI Recorder No. _____
 (F) Second Final Flow Pressure 746 724 PSI (depth) _____
 (G) Final Shut-in Pressure 1280 1277 PSI Initial Opening 30 min Test Conventional
 (H) Final Hydrostatic Mud 2599 2665 PSI Initial Shut-in 60 min Jars
 Alpine Rec. AK-1 REC. Final Flow 60 min Safety Joint

Final Shut-in 120 min Straddle _____
 Circ. Sub N/C
 Sampler
 Extra Packer _____
 Elect. Rec.
 Other _____
 TOTAL PRICE \$ Est \$1400

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 MOST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By [Signature]
 Our Representative [Signature]



TRILOBITE TESTING

ORIGINAL

P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

Anadarko
OPERATOR

USA Evans O#1
WELL NAME AND NO.

#2
DST NO.

1st opening				2nd opening			
Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
	GTS 4 min						
10	25 psi	3/4"	461	10	17 psi	1 1/2"	1,760
20	19 psi	1"	699	20	15 psi	1 1/2"	1,626
30	23 psi	1"	794	30	16 psi	2 1/2"	1,694
				40	16 psi	1 1/2"	1,694
				50	12 psi	1 1/2"	1,420
				60	11 psi	1 1/2"	1,294

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Remarks:

CR

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

ORIGINAL

FLUID SAMPLER DATA

Ticket No. 9896 Date 9-22-97
Company Name Anadarko
Lease USA Evans D #1 Test No. 2
County Morton Sec. 4 Twp. 33s Rng. 40w

SAMPLER RECOVERY

Gas 124 cfq ML
Oil _____ ML
Mud _____ ML
Water _____ ML
Other _____ ML
Pressure 1100 PSI
Total _____ ML

PIT MUD ANALYSIS

Chlorides 1100 ppm
Resistivity _____ ohms @ _____ F
Viscosity 68
Mud Weight 9.2
Filtrate 6#
Other w.l.-8.9

SAMPLER ANALYSIS

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

PIPE RECOVERY

TOP
Resistivity 476 ohms @ 70.3 F
Chlorides 15,000 ppm
MIDDLE
Resistivity 315 ohms @ 69.9 F
Chlorides 22,000 ppm
BOTTOM
Resistivity 1250 ohms @ 69.2 F
Chlorides 29,000 ppm

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