

FORM MUST BE TYPED

SIDE ONE

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 SERVICE

Operator Contact Person: DAVID W. KAPPLER

Phone (316) 624-6253

Contractor: Name: CHEYENNE DRILLING

License: 5382

Wellsite Geologist: ED GRIEVES

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW 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 PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

2-13-97 2-22-97 3-15-97
Spud Date Date Reached TD Completion Date

API NO. 15- 189-22148 00-00

County STEVENS

660 - 660 - 660 NW - NE Sec. 18 Twp. 33 Rge. 37 E W

660 Feet from X (circle one) Line of Section

1980 Feet from X (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE, SE, NW or SW (circle one)

Lease Name RATCLIFF "B" Well # 3

Field Name GENTZLER

Producing Formation MORROW

Elevation: Ground 3126.2 KB _____

Total Depth 6300 PBD 6060

Amount of Surface Pipe Set and Cemented at 1692 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3098 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 JK 9-2-97
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 790 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION

Location of fluid disposal if hauled offsite: _____

Operator Name 5-797

Lease Name _____ License No. _____

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

County _____ Docket No. _____

KANSAS RECEIVED CORP COM

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 5-5-97

Subscribed and sworn to before me this 5th day of May 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 Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name RATCLIFF "B" Well # 3

Sec. 18 Twp. 33 Rge. 37 East County STEVENS
 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, ML, CNL-LDT, SONIC.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
B/STONE CORRAL	1692	
CHASE	2492	
COUNCIL GROVE	2828	
HEEBNER	4068	
LANSING	4198	
MARMATON	4868	
MORROW	5614	
CHESTER	6126	

01 01 01 01

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	1692	P+ MIDCON 2/ P+	340/100	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	6242	VERSASET	100	.6% HALAD 322, 5% KCL, .9% VERSASET, 1/4#SK FLC
			F.O. TOOL @	3089	P+ MIDCON 2	60	2%CC, 1/4#SK FLC.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> 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	
	2	6064-6074. CIBP @ 6060.		ACID: 500 GAL 7 1/2% FeHCL.
3	6010-6022.		ACID: 600 GAL 7 1/2% FeHCL.	6010-6022.
			FRAC: 37100 GAL FOAMED GLD WTR & 116000#	6010-6022.
			16/30 SD.	
TUBING RECORD	Size 2 3/8	Set At 5960	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 3-22-97		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 144	Water Bbls. 5	Gas-Oil Ratio Gravity

Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____ 6010-6022

LMH

ORIGINAL

ANADARKO PETROLEUM CORPORATION
RATCLIFF B-3
SECTION 18-T33S-R39W
STEVENS COUNTY, KANSAS

15-189-22148

COMMENCED: 02-13-97
COMPLETED: 02-24-97

SURFACE CASING: 1692' OF 8 5/8" CMTD
W/275 SKS PREMIUM PLUS MIDCON + 3% CC
+ 1/4 #/SK FLOCELE. TAILED IN W/100 SKS
PREMIUM PLUS MIDCON + 2% CC + 1/4 #/SK
FLOCELE.

FORMATION

DEPTH

FORMATION	DEPTH
SURFACE HOLE	0 - 1692
RED BED	1692 - 2350
RED BED & SHALE	2350 - 2835
LIMESTONE & SHALE	2835 - 3025
CHASE	3025 - 3765
LIMESTONE & SHALE	3765 - 6300 RTD

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

CHEYENNE DRILLING, INC.



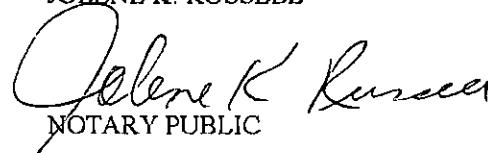
WRAY VALENTINE

RECEIVED
KANSAS CORP COMM
1997 MAY - 7 P 12: 17

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 28TH DAY OF FEBRUARY, 1997.

JOLENE K. RUSSELL


NOTARY PUBLIC

WELL DATA

FIELD _____ SEC. 18 TWP. 33S RNG. 37W COUNTY STEVENS STATE KS

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>23</u>	<u>8 7/8</u>	<u>K.B</u>	<u>149247</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1/14/97</u> TIME <u>17:30</u>	DATE <u>2/14/97</u> TIME <u>11:00</u>	DATE <u>1/15/97</u> TIME <u>03:15</u>	DATE <u>2/15/97</u> TIME <u>04:15</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>David Borow</u>	<u>91153</u>	<u>DUKAY, OH</u>
<u>JESSE NICHOLAS</u>	<u>92098</u>	<u>H.S.S.</u>
<u>SAM GRANT</u>	<u>3659-7131</u>	<u>LEPERAL, KS</u>
<u>CHRIS FORD</u>	<u>3659-6611</u>	<u>HUGOTON, KS</u>
<u>H9437</u>	<u>3659-75505</u>	<u>DUKAY, OH</u>
		<u>H.S.S.</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>INCH 8 7/8</u>	<u>1</u>	
FLOAT SHOE <u>REG. WORK 8 7/8</u>	<u>1</u>	
GUIDE SHOE <u>REG 8 7/8</u>	<u>1</u>	
CENTRALIZERS <u>8 7/8 X 12 1/4</u>	<u>4</u>	
BOTTOM PLUG		
TOP PLUG <u>5W 8 7/8</u>	<u>1</u>	
HEAD <u>P.C. 8 7/8</u>	<u>1</u>	
PACKER <u>BASKET 8 7/8</u>	<u>1</u>	
OTHER <u>WELDER 1 1/2</u>	<u>1</u>	

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB/GAL. °API
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ %
 SURFACTANT TYPE _____ GAL. _____ IN
 NE AGENT TYPE _____ GAL. _____ IN
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
 BREAKER TYPE _____ GAL.-LB. _____ IN
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT _____
 DESCRIPTION OF JOB _____
 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
 CUSTOMER REPRESENTATIVE X David Borow
 HALLIBURTON OPERATOR David Borow COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU FT./SK.	MIXED LBS. GAL.
	<u>340</u>	<u>MIDCOM</u>	<u>5W</u>	<u>0</u>	<u>32cc 1/4 BK FLOCELE</u>	<u>322</u>	<u>11.1</u>
	<u>100</u>	<u>PLUS</u>	<u>5W</u>	<u>0</u>	<u>12cc, 1/4 BK FLOCELE</u>	<u>107</u>	<u>11.5</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRES LUSH: BBL.-GAL. _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. _____
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 11.3 REASON SHOE JOINT

REMARKS

SEE JOB LOG

CUSTOMER HUNTING
 LEASE WARRICK
 WELL NO. B-3
 JOB TYPE 8 7/8 Surface
 DATE _____

RECEIVED
 KANSAS CORP. CONM
 17 MAY - 7

JOB LOG HAL-2013-C

CUSTOMER <i>ANADARKO PETRO</i>	WELL NO. <i>B-3</i>	LEASE <i>RACLEIFF</i>	JOB TYPE <i>8" SURFACE</i>	TICKET NO. <i>187467</i>
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	<i>17:30</i>							ORIGINAL
	<i>21:00</i>							
	<i>03:00</i>							<i>ON BOTTOM CIRCULATE w/REG</i>
	<i>03:15</i>	<i>6.5</i>	<i>195</i>			<i>150</i>		<i>LEAD CMT 340SK PREM PLUGS 200CC, 3/8" FLOCCE 11.1% GAL 3.22" 20.17" GAL/SK</i>
	<i>03:40</i>	<i>6.5</i>	<i>235</i>			<i>160</i>		<i>TAILCMT 100SK PREM PLUGS 200CC, 1/4" FLOCCE 14.8% GAL 1.32" 6.3" GAL/SK</i>
	<i>03:46</i>	<i>7</i>	<i>105</i>			<i>450</i>		<i>DROP PLUG & DISPLACE w/HAD</i>
								<i>1 BPM BEFORE BUMPING PLUG</i>
	<i>04:10</i>					<i>1000</i>		<i>Bump PLUG</i>
								<i>RELEASE FLOAT / FLOAT HELD</i>
								<i>44 BBL CMT RETURNS TO PRT 25SK</i>

RECEIVED
 KANSAS CORP
 1997 MAY -7 P 12:17
 THANKS, DANN, JASON, SAM,

WELL DATA

FIELD _____ SEC. 18 TWP. 33S RNG. 37W COUNTY STEVENS STATE Ks.

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE Water MUD WT. _____

PACKER TYPE PORT COLLAR SET AT 3089

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	15.5	5 1/2	K.B.	6258	
LINER	u		8 3/8	GL.	1692	
TUBING						
OPEN HOLE			7 1/8	1692	6300	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2-23-97</u> TIME <u>1900</u>	DATE <u>2-23-97</u> TIME <u>2130</u>	DATE <u>2-24-97</u> TIME <u>0820</u>	DATE <u>2-24-97</u> TIME <u>0715</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T. BRIDGEMAN	420041	LIBERAL KS
C. LAY	52738	"
D. GORRAN	4037	"
H2441	6612	"

RECEIVED
KANSAS CORP COMM
1997 MAY -7 P. 12: 17

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>Insert</u> <u>5/2</u>	<u>1</u>	<u>H</u>
FLOAT SHOE <u>fillup</u>	<u>1</u>	
GUIDE SHOE <u>REGULAR</u>	<u>1</u>	<u>O</u>
CENTRALIZERS <u>3/4</u>	<u>12</u>	
BOTTOM PLUG		<u>U</u>
TOP PLUG <u>SD</u>	<u>1</u>	
HEAD <u>1 1/2</u>	<u>1</u>	<u>C</u>
PACKER <u>CLAMIT BARRET</u>	<u>1</u>	
OTHER		<u>O</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. °API

DISPL. FLUID _____ DENSITY _____ LB./GAL. °API

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

GELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT CEMENT

DESCRIPTION OF JOB Cement 5/2" with STR. 1/2

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR Jim Bridgeman COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.				
1	20	PREM		B	R.H. & M.H.	1.18	15.6				
2	100	PREM		B	1/4" 7/16" 7/8" 1" 1 1/4" 1 3/4" 2" 2 1/4" 3" 3 1/4" 4" 4 1/4" 5" 5 1/4" 6" 6 1/4" 7" 7 1/4" 8" 8 1/4" 9" 9 1/4" 10" 10 1/4" 11" 11 1/4" 12" 12 1/4" 13" 13 1/4" 14" 14 1/4" 15" 15 1/4" 16" 16 1/4" 17" 17 1/4" 18" 18 1/4" 19" 19 1/4" 20" 20 1/4" 21" 21 1/4" 22" 22 1/4" 23" 23 1/4" 24" 24 1/4" 25" 25 1/4" 26" 26 1/4" 27" 27 1/4" 28" 28 1/4" 29" 29 1/4" 30" 30 1/4" 31" 31 1/4" 32" 32 1/4" 33" 33 1/4" 34" 34 1/4" 35" 35 1/4" 36" 36 1/4" 37" 37 1/4" 38" 38 1/4" 39" 39 1/4" 40" 40 1/4" 41" 41 1/4" 42" 42 1/4" 43" 43 1/4" 44" 44 1/4" 45" 45 1/4" 46" 46 1/4" 47" 47 1/4" 48" 48 1/4" 49" 49 1/4" 50" 50 1/4" 51" 51 1/4" 52" 52 1/4" 53" 53 1/4" 54" 54 1/4" 55" 55 1/4" 56" 56 1/4" 57" 57 1/4" 58" 58 1/4" 59" 59 1/4" 60" 60 1/4" 61" 61 1/4" 62" 62 1/4" 63" 63 1/4" 64" 64 1/4" 65" 65 1/4" 66" 66 1/4" 67" 67 1/4" 68" 68 1/4" 69" 69 1/4" 70" 70 1/4" 71" 71 1/4" 72" 72 1/4" 73" 73 1/4" 74" 74 1/4" 75" 75 1/4" 76" 76 1/4" 77" 77 1/4" 78" 78 1/4" 79" 79 1/4" 80" 80 1/4" 81" 81 1/4" 82" 82 1/4" 83" 83 1/4" 84" 84 1/4" 85" 85 1/4" 86" 86 1/4" 87" 87 1/4" 88" 88 1/4" 89" 89 1/4" 90" 90 1/4" 91" 91 1/4" 92" 92 1/4" 93" 93 1/4" 94" 94 1/4" 95" 95 1/4" 96" 96 1/4" 97" 97 1/4" 98" 98 1/4" 99" 99 1/4" 100" 100 1/4"					1.41	14.5

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 43.66 REASON SHOE ST

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. 2-1-98 TYPE H/O-Sp

LOAD & BKDN: BBL.-GAL. _____ PAD-BBL.-GAL. 120

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 175

CEMENT SLURRY: BBL.-GAL. 513-25

TOTAL VOLUME: BBL.-GAL. _____

REMARKS

MS D S ON 10CT.

CUSTOMER

CUSTOMER: ANBARCO - PATROL 100 LEASE: PARDNER LEASE NO. 2-23-97 JOB TYPE: 2-23-97 1006 STRNO: DATE: 2-23-97

JOB LOG HAL-2013-C

CUSTOMER ANADARKO PETR. WELL NO. B-3 LEASE RADCLIFF JOB TYPE 5 1/2 PORT COLLAR LONG STRAIN TICKET NO. 185432

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1900							CALLED OUT - READ 2300 ON LOG. - L.A.D.P.
	2130							
	0300							
								START RUNNING CSG.
								ORIGINAL
	0645							hook up CMT HEAD
	0655							CIRCULATED TO P.T. - SAFETY MEETING
	0819							hook up CMT LINE
	0820					120		PRESSURE TEST LINES
	0823	3.7	8				210	Pump H2O SPACER
	0825	3.7	10				?	Super FLUSH
	0831	3.7	8				180	H2O SPACER
	0830	1/2	2.3			80		CHANGE OVER CMT MH
	0835	1	3			80		CMT R.H.
	0838	2.8	25				110	CHANGE OVER START CMT JOB
								OW CSG 14.5" / GAL
	0845		0				0	SHUT OFF WINCH up - DROP PLUG
	0855	5.3	138				315	START DISPLACEMENT H2O
	0921	1.2	10				319	SLOW RATE 1/8 TOTAL BBL
	0930	-	-				560	PLUG HANDLED - FLIGHT HELD
							1000	INDICAR
								RECEIVED KANSAS CORP CO
								FRT MAY - 1 P 12:11
								THANKS FOR CALLING HALLIBURTON ENERGY SERVICES LIBERAL KS.
								"HAVE A GOOD SNOWY" NIGHT
								BROADFOOT - LAY - CORPENING



WELL DATA

FIELD _____ SEC. 18 TWP. 33S RNG. 37W COUNTY. STEVENS STATE K5

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE Baker Port Collar SET AT 3089
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	0		5 1/2	6.6	3089	
LINER						
TUBING			2 3/8	K.B.	3089	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2-27-97</u>	DATE <u>2-27-97</u>	DATE <u>2-27-97</u>	DATE <u>2-27-97</u>
TIME <u>06:30</u>	TIME <u>10:15</u>	TIME	TIME

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. ELWOOD</u>	<u>420042</u>	<u>LIBERT K5</u>
<u>B. SANDERS</u>	<u>50223</u>	<u>"</u>
<u>S. GRANT</u>	<u>75374(B)</u>	<u>"</u>
	<u>4461</u>	<u>"</u>
	<u>H4309</u>	<u>7649 (B)</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB/GAL. °API
 PROP. TYPE _____ SIZE _____ LB.
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 SURFACTANT TYPE _____ GAL. _____ IN
 NE AGENT TYPE _____ GAL. _____ IN
 FLUID LOSS ADD. TYPE _____ GAL. -LB. _____ IN
 GELLING AGENT TYPE _____ GAL. -LB. _____ IN
 FRIC. RED. AGENT TYPE _____ GAL. -LB. _____ IN
 BREAKER TYPE _____ GAL. -LB. _____ IN
 BLOCKING AGENT TYPE _____ GAL. -LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT 5001 Cont
 DESCRIPTION OF JOB Cont Port Collar

JOB DONE THRU: TUBING CASING ANNULUS TBG ANN.

CUSTOMER REPRESENTATIVE **X**

HALLIBURTON OPERATOR Robert Elwood COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS. GAL.
	<u>60</u>	<u>MEDCON P</u>		<u>0</u>	<u>27 C.C., 1/4% BK Floccul</u>	<u>3.22</u>	<u>11.1</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET _____ REASON _____

PRESLUSH: BBL -GAL. _____ TYPE _____
 LOAD & BKDN: BBL -GAL. _____ PAD: BBL -GAL. _____
 TREATMENT: BBL -GAL. _____ DISPL: BBL -GAL. _____
 CEMENT SLURRY: BBL -GAL. 37.5
 TOTAL VOLUME: BBL -GAL. _____

REMARKS

RECEIVED
 KANSAS CRP COMM
 APR 11 10 12:17

CUSTOMER: WARRIOR Petroleum Corp
 RELEASE: Pat Elwood
 WELL NO: B-3
 JOB TYPE: Cont Port Collar
 DATE: 2-27-97

CUSTOMER ANADARKO	WELL NO. B-3	LEASE RATCLEFF	JOB TYPE CMT PORT COLLAR	TICKET NO. 185222
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	06:30							CALLED OUT R.T.P 11:00
	10:15							ON LOC Rig PICKING UP TUBING
	11:50							HOOK TO HALLIBURTON
	11:51					1500		PRESS TEST CASING ORIGINAL
	11:00							RELEASE BACK
	12:25							OPEN PORT COLLAR
	12:25	4	20			700		INJECT RATE
	12:30	4.9	34.5			600		Pump CMT @ 11.1 #/GAL
	12:37	2.9	11.75			700		START DISPLACEMENT
	12:44					900		SHUT DOWN
	12:42					300		CLOSE PORT COLLAR
	12:43					1500	1500	PRESS TEST CASING
	12:44					0	0	RELEASE
	12:45							RUN 2 JTS IN HOLE
	12:49	3.3	20			500		REV. OUT
	12:55					100		SHUT DOWN
	12:55							Job Complete

THANK YOU FOR CALLED
HALLIBURTON
RUBERT & CREW

RECEIVED
KANSAS CORP COMM
FEB 27 11 17 AM '97