

15-175-21420-0000

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: NONE **

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: GABBERT-JONES, INC.

License: 5842

Wellsite Geologist: NA **ORIGINAL**

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. _____

12-9-94 12-12-94 NONE **
Spud Date Date Reached TD Completion Date
** WAITING ON COMPLETION

API NO. 15- 175-21420-0000

County SEWARD

NE - NE - SW - SW Sec. 33 Twp. 33S Rge. 33 X E

1250 Feet from X (circle one) Line of Section

1250 Feet from X (circle one) Line of Section

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

Lease Name SALLEY "K" Well # 1H

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 2835 KB --

Total Depth 2595 PBTB 2552

Amount of Surface Pipe Set and Cemented at 674 Feet

Multiple 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 ALT 1 JJK 3-29-96
(Data must be collected from the Reserve Pit)

Chloride content 14000 ppm Fluid volume 700 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite:

RELEASED

Operator Name _____

Lease Name _____ License No. 1996

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

County _____ Docket No. _____

FROM CONFIDENTIAL

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

Title DRILLING TECHNICAL ASSISTANT Date 4-4-95

Subscribed and sworn to before me this 4th day of April, 1995.

Notary Public Cheryl Steers

Date Commission Expires _____



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)

Form ACO-1 (7-91) RECEIVED
STATE CORPORATION COMMISSION
APR - 7 1995
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name SALLEY "K" Well # 1H
 Sec. 33 Twp. 33S Rge. 33 East West County SEWARD

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.)

Log Formation (Top), Depth and Datums Sample
 Name Top Datum
 B/STONE CORRAL 1598
 HERRINGTON 2593

List All E.Logs Run:DISFL.

DUAL INDUCTION

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	24	674	PREM PLUS LT./ PREM PLUS	240/150	2% CC/ 2% CC
PRODUCTION	7 7/8	5 1/2	15.5	2595	CLASS C/ CLASS C	274/ 40	20%DCD, 2%CC, 1/4#/SX FLC / 10%DCD, 2tCC, 1/4#/SX FLC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<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
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. **	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) **			
Estimated Production Per 24 Hours	Oil Bbls.	Gas ** Mcf	Water ** Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: **
 Vented Sold Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION Production Interval
 Open Hole Perf. Dually Comp. Commingled
 Other (Specify) **

** WAITING ON COMPLETION

GABBERT-JONES, INC.
WICHITA, KANSAS

ORIGINAL

DRILLER'S WELL LOG

WELL NAME: Salley K-1H
Sec 33-33S-33W
Seward County, Kansas

CONFIDENTIAL

COMMENCED: December 9, 1994
COMPLETED: December 13, 1994
OPERATOR: Anadarko Petroleum Corporation

API # 15-175-21420-0000

DEPTH		FORMATION	REMARKS
From	To		
0	674	Sand	
674	1100	Redbed	Ran 16 jts of 24# 8 5/8" csg set @ 674' w/240 sks Prem Plus Lite 2% CC
1100	1231	Glorietta Sand	
1231	1430	Redbed-Shale	Plus Lite 2% CC
1430	1720	Redbed	Tailed w/150 sks Prem Plus 2% CC
1720	2125	Redbed-Shale	
2125	2560	Shale	PD @ 10:15PM 12/09/94
2560	2595	Redbed-Shale	
	2595' TD		Ran 65 jts of 15 1/2# 5 1/2" csg set @ 2595' w/270 sks Class C 20% DCD 2% CC 1/4# Flocele - 40 sks Class C 10% DCD 2% CC 1/4# Flocele PD @ 1:30PM 12/13/94 RR @ 2:30PM 12/13/94

RELEASED

APR 9 1996

FROM CONFIDENTIAL

[STATE OF KANSAS]
[COUNTY OF SEDGWICK]

Subscribed and sworn to before me this
20th day of December, 1994.

Shirley A. Pelz
Shirley A. Pelz, Notary Public

My commission expires:
October 18, 1997



I, the undersigned, being sworn on oath, state that the above Driller's Well Log is true and correct to the best of my knowledge and belief and according to the records of this office.
GABBERT-JONES, INC.

James S. Sutton, II
James S. Sutton, II President



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

MID CONTINENT AREA
LIBERAL KS.

BILLED ON TICKET NO. 705804

CUSTOMER

ANADARKO PETROLEUM CORP. LEASE

SALLEY

"K"

WELL NO.

1-A

JOB TYPE

8 3/8 SURFACE CSG

WELL DATA

FIELD HUGOTON SEC. 33 TWP. 33S RING. 33W COUNTY SEWARD 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	N	24	8 3/8	GL	672	
LINER						
TUBING						
OPEN HOLE			12 1/4	GL	674	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 12-9-94	DATE 12-9-94	DATE 12-9-94	DATE 12-9-94
TIME 1400	TIME 1800	TIME 2140	TIME 2300

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T. BROADFOOT	74604 38242	LIBERAL KS.
R. CRIST	07653 52947	"
J. ADAIR	19382 4515	HUGOTON KS.
G. MCINTYRE	63755 5302	"

RELEASED
APR 9 1996

CEMENT FROM CONFIDENTIAL

DEPARTMENT _____

DESCRIPTION OF JOB CEMENT 8 3/8 SURFACE CSG.

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

CUSTOMER REPRESENTATIVE X [Signature]

HALLIBURTON OPERATOR [Signature]

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	240	PREM PLUS LT		B	2% C.C.	2.06	12.3
1	150	PREM PLUS		B	2% C.C.	1.32	14.8

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD-BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL BBL.-GAL. 39.6

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 88 - 35.3

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 40.55 REASON SHOE IT.

REMARKS 50 BBL. CMT PIT

136 SKS.

MSD.S SHEET Co. MAN

RECEIVED
CORPORATION COMMISSION
APR 7 1995

CONFIDENTIAL

JOB LOG HAL-2013-C

 CUSTOMER **ANADARKO PETROLEUM Corp.** WELL NO. **1-H** LEASE **SALLEY K.** JOB TYPE **8 3/8 SURFACE CSG.** TICKET NO. **705804**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1400							☒ CALLED OUT READY 1830
	1800							ON LOC. FINISH DRLOG.
	2015							START CSG IN HOLE
	2050							HOOK CEMENT HEAD
	2105							CIRCULATION TO PIT - SAFETY MEETING
	2140							HOOK UP CMT LINE
	2142	6.2	88				180	lead CMT 12.8#/GAL
	2156	5.8	35.3				220	TAIL CMT 14.8#/GAL
	2202	0	0				0	SHUT DOWN DROP PLUG.
	2204	4.9	29.6				0/250	Diap H ₂ O
	2210	2	39.6				250/650	Slow Rate Down H ₂ O
	2215						650	PLUG LANDED - FLOAT HELD
								39.6 TOTAL JOB OVER
								THANKS FOR CALLING
								HALLIBURTON ENERGY SERVICES
								LIBERAL Ks.
								HAVE A GOOD NIGHT
								BROADFOOT - CRIST-ADAIR-MCINTYRE
								CMT TO PIT 50 BBL
								136 SKS.

CONFIDENTIAL

ORIGINAL

RECEIVED
STATE CORPORATION COMMISSION
APR - 7 1995
CONSERVATION DIVISION
WICHITA, KANSAS



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATIONMID CONTINENT AREA
LIBERAL KS.

BILLED ON TICKET NO.

705804

WELL DATA
FIELD HUGOTON SEC. 33 TWP. 33S RING. 33W COUNTY. SEWARD 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	N	24	8 5/8	GL.	67L	
LINER						
TUBING						
OPEN HOLE			12 1/4	GL	674	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 12-9-94	DATE 12-9-94	DATE 12-9-94	DATE 12-9-94
TIME 1400	TIME 1800	TIME 2140	TIME 2300

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
COLLAR INSERT 8 5/8	1	N
CHARGE FILLUP	1	
GUIDE SHOE TEXAS PATTERN	1	0
CENTRALIZERS S-4	3	
BOTTOM PLUG		W
TOP PLUG 5W	1	
HEAD		C
WELD HOWCO WELD A 1LB	1	
OTHER		0

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T. BROADFOOT	DY604 38242	LIBERAL KS.
R. CRIST	D7653 52947	"
J. ADAIR	D9382 75496	HUGOTON KS.
G. MCINTYRE	63755 4515	"
		5302

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. ORIGINAL
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. _____ IN
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

DEPARTMENT CEMENT
DESCRIPTION OF JOB CEMENT 8 5/8 SURFACE CSG.
JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
CUSTOMER REPRESENTATIVE X [Signature]
HALLIBURTON OPERATOR [Signature] T. Broadfoot COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	240	PREM PLUS LT		B	2% C.C.	2.06	12.3
1	150	PREM PLUS		B	2% C.C.	1.32	14.8

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 40.55 REASON SHOE IT.

SUMMARY

PRESLUSH: BBL.-GAL. _____ TYPE _____
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL BBL. GAL. 39.6
CEMENT SLURRY: BBL.-GAL. 88 - 35.3
TOTAL VOLUME: BBL.-GAL. _____
REMARKS 50 BBL. CMT P/T
136 SKS.
MSD S SHEET Co. MAN

CUSTOMER ANADARKO PETROLEUM CORP. LEASE SALLEY "K" WELL NO. 1-A JOB TYPE 8 5/8 SURFACE CSG DATE



JOB LOG HAL-2013-C

CUSTOMER: ANADARKO PETROLEUM Corp. WELL NO.: 1-H LEASE: SALLEY K. JOB TYPE: 8 3/8 SURFACE CSG, 705804 TICKET NO.:

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1400							☒ CALLED OUT READY 1830
	1800							ON LOC. FINISH DRLG.
	2015							START CSG IN HOLE
	2050							HOOK CEMENT HEAD
	2105							CIRCULATION TO PIT - SAFETY MEETING
	2140							HOOK UP CMT LINE
	2142	6.2	88				180	lead CMT 12.8#/GAL
	2156	5.8	35.3				220	TAIL CMT 14.8#/GAL
	2202	0	0				0	SHUT DOWN DROP PLUG.
	2204	4.9	29.6				0/250	Diap H ₂ O
	2210	2	39.6				250/650	Slow Rate Down H ₂ O
	2215						650	PLUG LANDED - FLOAT HELD
								39.6 TOTAL JOB OVER
								THANKS FOR CALLING
								HALLIBURTON ENERGY SERVICES
								LIBERAL KS.
								HAVE A GOOD NIGHT
								BROADFOOT - CRIST-ADAIR-McINTYRE
								CMT TO PIT 50 BBL
								136 SKS.

CONFIDENTIAL

ORIGINAL



JOB SUMMARY

HALLIBURTON DIVISION Mid Continent
 HALLIBURTON LOCATION Liberal, KS

BILLED ON TICKET NO. 105514

WELL DATA
 FIELD _____ SEC. 33 TWP. 33S RNG. 33W COUNTY JEWELL 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>15.5</u>	<u>5 1/2</u>	<u>K13</u>	<u>2626</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 7/8</u>	<u>G1</u>	<u>2592</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>1 1/2 x 1 1/2</u>	<u>1</u>	<u>Hanna</u>
FLOAT SHOE		
GUIDE SHOE <u>Reg</u>	<u>1</u>	<u>"</u>
CENTRALIZERS <u>Reg</u>	<u>14</u>	<u>"</u>
BOTTOM PLUG		
TOP PLUG <u>5 in</u>	<u>1</u>	<u>"</u>
HEAD <u>M.F.</u>	<u>1</u>	<u>"</u>
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 _____

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-15-94</u>	DATE <u>12-13-94</u>	DATE <u>12-15-94</u>	DATE <u>12-13-94</u>
TIME <u>0800</u>	TIME <u>0500</u>	TIME <u>1251</u>	TIME <u>1324</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Payer</u>	<u>40098</u> <u>#48120</u> <u>P.V.</u>	<u>Liberal, KS</u>
<u>T. Davis</u>	<u>76909</u> <u># F4550</u> <u>STAND</u>	<u>"</u>
<u>M. Hanna</u>	<u>5839</u> <u># F7343</u> <u>Bulk</u>	<u>Hugoton, KS</u>
<u>"</u>	<u>"</u> <u>"</u> <u>Bulk</u>	<u>"</u>

DEPARTMENT 5001
 DESCRIPTION OF JOB Set 54 L.S. - Redeposite -
10 bbls KCL 2%, 30 bbls MF-1, 10 bbls KCL
2%, 270 sks, 40 sks
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X E. E. Heltner
 HALLIBURTON OPERATOR Tom Payer COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>270</u>	<u>Pacem +</u>		<u>B</u>	<u>20% Durol D, 2% cc, 1/4% Flocc</u>	<u>2.69</u>	<u>12</u>
	<u>40</u>	<u>Pacem +</u>		<u>B</u>	<u>10% Durol D, 2% cc, 1/4% Flocc</u>	<u>2.09</u>	<u>13</u>

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 35.59 REASON Shoe It

SUMMARY
 PRESLUSH: BBL.-GAL. 10, 30, 10 TYPE KCL, MF, KCL
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 61
 CEMENT SLURRY: BBL.-GAL. 129 + 15
 TOTAL VOLUME: BBL.-GAL. _____
 REMARKS
Cement to Surface
SEE Job Log
 RECEIVED STATE CORPORATION COMMISSION
 APR 7 1995
 CONSERVATION DIVISION WICHITA, KANSAS

LEASE Sullivan
 WELL NO. 1-H
 JOB TYPE Q35
 DATE 12-13-94

JOB LOG HAL-2013-C

CUSTOMER <i>Amtrak</i>	WELL NO. <i>1-H</i>	LEASE <i>Sully "K"</i>	JOB TYPE <i>035 (5 1/2)</i>	TICKET NO. <i>705514</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	
	0300							Called out — Reg 0530
	0500							ON Loc. — CIRC.
	0645							T.O.H. — L.P.D.P.
	0950							Run Csg. — 5 1/2 ^{15.5 lbs} — Safety free
	1233							Hook-up to circ. — Reciprocate
	1248							Hook-up to emt.
	1251	0-6	10			150		Pump 2% KCl — Reciprocate
		7	30			250		Pump MND Flush
		6	10			250		Pump 2% KCl
	1258	6	129			300		Pump Lead — 270 sks
	1316	6	15			300		Pump trail — 40 sks
	1321	6-0				200		Shut down — Drop plug — wash-up test
	1323	0-6	61			150		Pump Displ.
	1332	6-3				150		Reduce Rate
	1334	3-0				150		Plug landed
						200		Release press — Float held
								Cement to surface!
								Approx 10 bbls @ 215x.
								Thanks Tom & Eric & Mark
								M.S.D.S. REC. by JR. DETMERIE
	0530							Bulk tak. on Loc. — 2 traks, one DRIVERS

CONFIDENTIAL

ORIGINAL

no extent
 made in writing by
 77056



HALLIBURTON

HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

CHARGE TO: *Anadarko*
 ADDRESS:
 CITY, STATE, ZIP CODE:

COPY

TICKET *W7*

No. 705514 - 7

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>025540</i>	WELL/PROJECT NO. <i>1-H</i>	LEASE <i>Salley "K"</i>	COUNTY/PARISH <i>Sevier</i>	STATE <i>Ks</i>	CITY/OFFSHORE LOCATION	DATE <i>12-17-94</i>	OWNER
2. <i>025535</i>	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>G Y J</i>	RIG NAME/NO. <i>#9</i>	SHIPPED VIA <i>HES</i>	DELIVERED TO <i>Wells: T.</i>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION <i>Lead (23-333-330)</i>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT.	DF		QTY.	U/M	QTY.	U/M	
<i>000-117</i>					MILEAGE	<i>80</i>	<i>mi</i>	<i>2</i>	<i>2.75</i>	<i>55.00</i>
<i>001-016</i>					Pump Change	<i>6</i>	<i>hrs</i>	<i>242.5</i>		<i>1455.00</i>
<i>030-016</i>					Top plug	<i>1</i>	<i>EA</i>	<i>5 1/2 in</i>		<i>160.00</i>
					Additional mas	<i>EA</i>	<i>hr</i>	<i>2 hrs</i>	<i>250.00</i>	<i>NA</i>
<i>12A</i>	<i>825.205</i>				Guide shoe	<i>1</i>	<i>EA</i>	<i>5 1/2 in</i>		<i>121.00</i>
<i>24A</i>	<i>815.19251</i>				Insert					<i>110.00</i>
<i>27</i>	<i>815.19311</i>				Fill-up					<i>55.00</i>
<i>40</i>	<i>806.60022</i>				Centralizers	<i>11</i>	<i>EA</i>		<i>114.00</i>	<i>616.00</i>
<i>018-315</i>					Mud flush	<i>EA</i>	<i>gal</i>	<i>1260 gal</i>	<i>65</i>	<i>819.00</i>
<i>314-163</i>					Clay fix II	<i>EA</i>	<i>gal</i>	<i>2 gal</i>	<i>24.00</i>	<i>48.00</i>

CONFIDENTIAL

ORIGINAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE
 [Signature]

DATE SIGNED: _____ TIME SIGNED: _____
 A.M. P.M.

I do do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	SURVEY <input checked="" type="checkbox"/> AGREE <input type="checkbox"/> UN-DECIDED <input type="checkbox"/> DIS-AGREE	PAGE TOTAL <i>3339</i>	
TYPE LOCK _____ DEPTH _____	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? <input checked="" type="checkbox"/>		FROM CONTINUATION PAGE(S) <i>7415 32</i>
BEAN SIZE _____ SPACERS _____	WE UNDERSTOOD AND MET YOUR NEEDS? <input checked="" type="checkbox"/>		
TYPE OF EQUALIZING SUB. _____ CASING PRESSURE _____	OUR SERVICE WAS PERFORMED WITHOUT DELAY? <input checked="" type="checkbox"/>		SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <i>10754 32</i>
TUBING SIZE _____ TUBING PRESSURE _____ WELL DEPTH _____	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? <input checked="" type="checkbox"/>		
TREE CONNECTION _____ TYPE VALVE _____	ARE YOU SATISFIED WITH OUR SERVICE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <i>EE DETMIER</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <input checked="" type="checkbox"/> <i>[Signature]</i>	HALLIBURTON OPERATOR/ENGINEER <i>[Signature]</i>	EMP # <i>48170</i>	HALLIBURTON APPROVAL
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