

15-175-21417-0000 ORIGINAL

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

API NO. 15- 175-21,417-0000

County SEWARD

SW - SW - NE - NE Sec. 9 Twp. 33S Rge. 33 X W

1250 Feet from X(N) (circle one) Line of Section

1250 Feet from (E)X (circle one) Line of Section

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

Lease Name SANTA FE LAND IMPROV. "A" Well # 3H

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 2789.9 KB 2817

Total Depth 2979 PBD 2790

Amount of Surface Pipe Set and Cemented at 683 Feet

Multiple Stage Cementing Collar Used? Yes X 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-1 994 12-4-95  
(Data must be collected from the Reserve Pit)

Chloride content 93,325 ppm Fluid volume 700 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: TO BE DETERMINED

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: GABBERT-JONES, INC.

License: 5842

Wellsite Geologist: NA

Designate Type of Completion  
X New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.  
Gas ENHR X 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.

10/2/94 10/5/94 11/27/94  
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 Leslie I. Barnes

Title SR. TECHNICAL ASSISTANT Date 12/1/94

Subscribed and sworn to before me this 1st day of December 1994

Notary Public Cheryl Steers

Date Commission Expires

CHERYL STEERS  
My Appt. Expires 6-1-97

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  
DEC 09 1994  
OIL & GAS CONSERVATION DIVISION  
WICHITA, KANSAS

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name SANTA FE LAND IMPROV. "A" Well # 3H

Sec. 9 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. STONE CORRAL	1585	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HERRINGTON	2553	
		KRIDER	2593	
		WINFIELD	2646	
		TOWANDA	2701	
		COUNCIL GROVE	2929	

List All E.Logs Run: COMPENSATED NEUTRON/DUAL INDUCTION  
DUAL INDUCTION/GAMMA RAY  
NATURAL GAMMA RAY  
COMPENSATED NEUTRON/DENSITY  
BOREHOLE COMPENSATED SONIC

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	683	75/25 POZMIX/ CLASS H	380/150	2%CC, 1/4#SX FLOC
PRODUCTION	7 7/8	5 1/2	15.5	2979	CLASS C/ CLASS C	260/40	2%CC, 1/4#SX FLOC 20%DCD, 2%CC, 1/4# SX FLOC/10%DCD, 2%CC, 1/4#SX FLOCELE

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
2	2526-2536, 2554-2564	ACIDIZE IN 2' INTERVALS W/50 GAL/FT 15% FEHCL ACID, TOTAL ACID = 500 GALS   2526-2564
		FRAC W/3500 GALS 30# LINEAR GELLED 2% KCL WTR & 2500# 40/70 SD, TAG W/SCANDIUM (DIVERTA) & FOLLOW W/13,500 GALS 30# LINEAR GELLED 2% KCL WTR & 27,500# 20/40 SD, LAST 3000# PROP-LOCK   2526-2564
4	2574-2620	

TUBING RECORD	Size 2 3/8	Set At 2682	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. SI WOPL \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil -- Bbls.	Gas 384 Mcf	Water 45 Bbls.	Gas-Oil Ratio --	Gravity --
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Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled 2526-2620 OA  Other (Specify) \_\_\_\_\_

ORIGINAL

GABBERT-JONES, INC.  
WICHITA, KANSAS

- DRILLERS' WELL LOG -

WELL NAME: Santa Fe A-3H  
Sec 9-33S-33W  
Seward County, Kansas

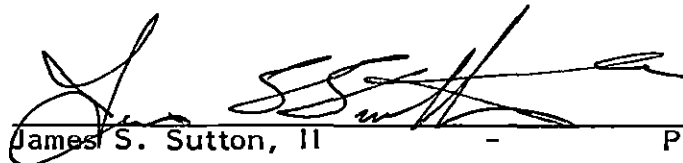
API#15-175-21417

COMMENCED: 10-2-94  
COMPLETED: 10-6-94  
OPERATOR: Anadarko Petroleum Corp.

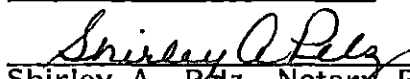
DEPTH		FORMATION	REMARKS
From	To		
0	525	Sand-Redbed	Ran 16 jts of 24# 8 5/8" csg set @ 692' w/380 sks 75/25 Posmix 2% CC 1/4# Cello - 150 sks Common 2% CC 1/4# Cello PD @ 8:15PM 10-02-94
525	973	Redbed	
973	1550	Redbed-Glorietta Sand	
1550	2465	Redbed	
2465	2979	Shale-Lime	
	2979 - TD		Ran 69 jts of 15 1/2# 5 1/2" csg set @ 2979' w/260 sks Class C w/20% Diecel "D" 1/4# Cello - 40 sks Class C 10% Diecel "D" 2% CC 1/4# Cello PD @ 4:00PM 10-06-94

STATE OF KANSAS ]  
COUNTY OF SEDGWICK ]

I, the undersigned, being sworn on oath, state that the above Drillers' 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 - President

Subscribed & sworn to before me this 10<sup>th</sup> day of October, 1994

  
Shirley A. Pelz, Notary Public  
My commission expires: October 18, 1997



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COMMISSION

DEC 09 1994

CONVEYANCE DIVISION  
WICHITA, KANSAS



**JOB LOG** HAL-2013-C

DATE	PAGE NO.
10-6-94	1
TICKET NO.	
635412	

CUSTOMER	WELL NO.	LEASE	JOB TYPE
ANADARKO PETROLEUM	3H	SANTA FE LAND	5/8 LONG STRING

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1230							JOB READY ORIGINAL
	0800							CALLED OUT FOR JOB
	1130							PUMP TRUCK ON LOCATION
	1130							RIG LAYING DOWN DRILL PIPE
	1145							SET UP PUMP TRUCK
	1300							D.P. LAYED DOWN
	1330							START RUNNING 5/8 CSG + FLOAT EQUIP
	1440							CASING ON BOTTOM 2991'
	1455							HOOK 5/8 P/C + CIRCULATING IRON
	1500							START CIRCULATING WITH RIG PUMP
	1505							THROUGH CIRCULATING
	1506							HOOK UP TO PUMP TRUCK
	1508	5.0	10.0			250		START PUMPING 10 BBLS 2% KCL WATER
	1510	5.0	30.0			150		PUMP 30 BBLS MUD FLUSH
	1515	5.0	10.0			150		PUMP 10 BBLS 2% KCL WATER
	1522	6.5	124.0			150		START MIXING LEAD CMT
	1538		14.8			150		START MIXING TAIL CMT
	1540		138.0					THROUGH MIXING CEMENT
	1540							OT SHUT DOWN RELEASE PLUG
								WASH OUT PUMP LINES
	1545	5.0				200		START DISPLACING
	1600		71.0			150		PLUG DOWN
								THANK YOU!
								WOODY, TYCE & CREW

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DEC 09 1994  
CONSOLIDATION DIVISION  
WICHITA, KANSAS



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Mid CONTINENT  
Liberal, KS

BILLED ON TICKET NO. 635412

## WELL DATA

FIELD HUGOTON SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY STEWART 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 2979

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>15.5</u>	<u>5 1/2</u>	<u>KB</u>	<u>2991</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**ORIGINAL**

## JOB DATA

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>REG 5 1/2</u>	<u>1</u>	<u>HALCO</u>
CENTRALIZERS <u>5 1/2</u>	<u>14</u>	<u>" "</u>
BOTTOM PLUG		
TOP PLUG <u>5" W</u>	<u>1</u>	<u>" "</u>
HEAD <u>P/C</u>	<u>1</u>	<u>" "</u>
PACKER		
OTHER <u>AIF</u>	<u>1</u>	<u>" "</u>

### 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. \_\_\_\_\_ IN  
PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
OTHER \_\_\_\_\_  
OTHER \_\_\_\_\_

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-6-94</u>	DATE <u>10-6-94</u>	DATE <u>10-6-94</u>	DATE <u>10-6-94</u>
TIME <u>0800</u>	TIME <u>1130</u>	TIME _____	TIME <u>1600</u>

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Woodrow 62573</u>	<u>40048 P/C</u>	<u>LIBERAL KS</u>
<u>T. Davis F4550</u>	<u>52274 ADG 176900</u>	<u>" "</u>
<u>J. Widener G3525</u>	<u>50854 P/C 14734</u>	<u>HUGOTON KS</u>
<u>J. Frost G9778</u>		

DEPARTMENT CEMENT  
DESCRIPTION OF JOB CEMENT 5 1/2" PRODUCTION CASING  
JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
CUSTOMER REPRESENTATIVE [Signature]  
HALLIBURTON OPERATOR \_\_\_\_\_ COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>260</u>	<u>PREMIUM +</u>	<u>MICO</u>	<u>B</u>	<u>20% DIASEL D 28CC 1/4 FLOCC</u>	<u>2.69</u>	<u>12-0'</u>
	<u>40</u>	<u>PREMIUM +</u>	<u>" "</u>	<u>B</u>	<u>10% DIASEL D, 28CC 1/4 FLOCC</u>	<u>2.09</u>	<u>13-0'</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 \_\_\_\_\_ REASON \_\_\_\_\_

SUMMARY 20 VOLUMES 28KCL  
PRELUSH: BBL.-GAL. 30 TYPE Mid FLUSH  
LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. BBL.-GAL. 70.9  
CEMENT SLURRY BBL.-GAL. 124 BBL'S  
TOTAL VOLUME: BBL.-GAL. 17.8  
138.1 REMARKS  
STATE CORPORATION COMMISSION RECEIVED  
DEC 9 1994  
CONSOLIDATION DIVISION  
WICHITA, KANSAS

CUSTOMER ANADARKO PR1  
LEASE SALINA FF LAND  
WELL NO. 3 H  
JOB TYPE 5 1/2" LONG STRING  
DATE 10-6-94



CHARGE TO: ANADARKO PETROLEUM  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

COPY

No.

TICKET  
 635412  
 8  
 DIVISION  
 1994

FORM 1906 R-13

SERVICE LOCATIONS 1. <u>025540 LIBERAL</u> 2. <u>025515 HICOP</u>	WELL/PROJECT NO. <u>A 3H</u>	LEASE <u>SANTA FE LAND</u>	COUNTY/PARISH <u>SEWARD</u>	STATE <u>W. VIRGINIA</u>	CITY/OFFSHORE LOCATION <u>W. LIBERAL</u>	DATE <u>12 6 94</u>
TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>GARRETT &amp; JONES</u>	RIG NAME/NO. <u>9</u>	SHIPPED VIA <u>TRUCK</u>	DELIVERED TO <u>WELL SITE</u>	ORDER NO.
WELL TYPE <u>02 GAS</u>	WELL CATEGORY <u>DEVELOPMENT</u>	JOB PURPOSE <u>035-56 LONG STANG</u>	WELL PERMIT NO.	WELL LOCATION <u>LAND</u>		
REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
007-112		1	MILEAGE	10	mi	3	1/2	2.75	55.00
007-016		1	PUMP CHARGE					1955.00	1955.00
035-016		1	5" TOP RING	1	EA	5 1/2	IN	60.00	60.00
218-315		1	MUD PUSHER	1260	Gal	30	1/2	.65	817.00
514-163		1	CLA-FIX II	50	Gal			24.00	1200.00
72A	125-205	1	RIG GUARD SIGN	1	EA	5 1/2	IN	121.00	121.00
27A	815-19251	1	INSERT HOAT VALVE	1	EA	5 1/2	IN	110.00	110.00
27	115-19311	1	Fill up Assy	1	EA	1 1/2	IN	55.00	55.00
40	806-60027	1	CENTRALIZER	14	EA	5 1/2	IN	47.00	658.00

**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: Jim Below

DATE SIGNED: 12-6-94 TIME SIGNED: 12:00

A.M.  P.M.

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

SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

TYPE LOCK: \_\_\_\_\_ DEPTH: \_\_\_\_\_  
 BEAN SIZE: \_\_\_\_\_ SPACERS: \_\_\_\_\_  
 TYPE OF EQUALIZING SUB.: \_\_\_\_\_ CASING PRESSURE: \_\_\_\_\_  
 TUBING SIZE: \_\_\_\_\_ TUBING PRESSURE: \_\_\_\_\_ WELL DEPTH: \_\_\_\_\_  
 TREE CONNECTION: \_\_\_\_\_ TYPE VALVE: \_\_\_\_\_

**SURVEY** AGREE UN-DECIDED DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  
 WE UNDERSTOOD AND MET YOUR NEEDS?  
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?  
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?  
 ARE YOU SATISFIED WITH OUR SERVICE?  
 YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 3363 10  
 FROM CONTINUATION PAGE(S): 7194 50  
 SUB-TOTAL: 10557 50  
 APPLICABLE TAXES WILL BE ADDED ON INVOICE

**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): Jim Below CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): Jim Below HALLIBURTON OPERATOR/ENGINEER: Bob Gordon EMP #: 63573 HALLIBURTON APPROVAL: \_\_\_\_\_



**JOB LOG** - HAL:2013-C

CUSTOMER Anadarko Petco	WELL NO. 3 H	LEASE Santa Fe Land Tract	JOB TYPE 8 1/2" Surface
			TICKET NO. 635223

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1230							Time Called
	1630							Time Ready
	1530							Time on loc Pig Delg Surface Hole
	1845							Start Pumping Casing
	1920							ORIGINAL Casing in Hole
	1921							Hookup To Circulate Casing
	1928							Circulate Casing w/ 120 Pump.
	1929							Circulate Mud To Ground Level
	1935							Hookup To Pump Truck
	1938	6				250		Start Mixing Cement
	1949	/	79.86			250		Start Tail Cement
	1954	/	28.31			350		Finish Mixing Cement
	1955	/	108.17 TOTAL BBL			350		SLUT Down Deep Plug.
	1956	6				75		Start Displacement
		4.5	41.27					WASH Pump's & Lines
	2005					350		Plug Down
								Float Held
								Circulate Cement To The P.T
								Thanks For Calling Halliburton Energy
								Dennis Crew & Crew

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STATE CORPORATION COMMISSION  
DEC 11 9 1994  
NATURAL GAS DIVISION  
WICHITA, KANSAS





# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Mid Cont.  
Liberal Ks

BILLED ON TICKET NO. 635223

CUSTOMER

## WELL DATA

FIELD \_\_\_\_\_ SEC \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ 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			8 3/8	K13	692	
LINER						
TUBING						
OPEN HOLE			GL 12 1/4	690		SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 10-2	DATE 10-2	DATE 10-2	DATE 10-2
TIME 12:30	TIME 15:30	TIME 18:45	TIME 20:05

## TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
Insert Float	1	Hougo
Fillup	1	
Guide Shoe	3	
Centralizers	1	
Bottom Plug	1	
Top Plug	1	
Head	1	
Packer	1	
Other	1 K13	Hougo w/etch

## 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 \_\_\_\_\_

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
DCable	40075	Liberal Ks
ODierent	59179	"
C. Cornelson	E1591	Houston Ks
Porter	G2569	"

DEPARTMENT Cement

DESCRIPTION OF JOB 8 3/8 Surface

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

CUSTOMER REPRESENTATIVE X Job Sherrin

HALLIBURTON OPERATOR Debra's Corp COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	380	75-25 P2	H		2% CG 1/4 # Flocele		
	150	Premium			2% CG 1/4 # Flocele	1.06	16.4

## 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. 41.27

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 108.17

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ REMARKS \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET 413 REASON shoe joint

Customer: Anderson P/O Leo Corp  
LEASE SALES: SALTER Lowry  
JOB TYPE: 8 3/8 Surface  
DATE: 10-2-94



CHARGE TO: Amaduro Petro. Corp.  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

COPY  
 No. 635223 - 6  
 PAGE 1 OF 1  
 TICKET

FORM 1906 R-13  
 SERVICE LOCATIONS  
 1. 25540 Lizardo Ks  
 2. 25535 Houghton Ks  
 3.  
 4.

WELL/PROJECT NO. 3-H Land Improvement  
 LEASE SANTA Fe  
 COUNTY/PARISH Seward  
 STATE Ks  
 CITY/OFFSHORE LOCATION  
 DATE 10-2-94  
 OWNER Amaduro

TICKET TYPE  SERVICE  
 NITROGEN JOB?  YES  NO  
 SALES   
 WELL TYPE  
 WELL CATEGORY  
 JOB PURPOSE 010 8 3/8 SURFACE  
 SHIPPED VIA 9th  
 DELIVERED TO Loc.  
 WELL PERMIT NO.  
 WELL LOCATION No. Lizardo

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	
000-117		1			MILEAGE	2.4	miles	1	2.75	66.00
001-016		1			Pump charge	690	FT	1		890.00
030-018		1			5/8 Top Plug	1	Each	8 3/8	130.00	130.00
16A	830-2171	1			Guide shoe	1	Each	8 3/8	161.00	161.00
214A	815-19502	1			Laser float	1			171.00	171.00
27	815-19415	1			Fillups	1			55.00	55.00
40	806-61048	1			Camlock liners	3			65.00	195.00
320	806-70060	1			Basket	1			122.00	122.00
350	890-10802	1			Hot wax weld	1	25		14.50	14.50

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: X [Signature]

DATE SIGNED: 10-2-94 TIME SIGNED: 1:00

A.M.  P.M.

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

SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?		<input checked="" type="checkbox"/>			
WE UNDERSTOOD AND MET YOUR NEEDS?		<input checked="" type="checkbox"/>			FROM CONTINUATION PAGE(S) 7248 20
OUR SERVICE WAS PERFORMED WITHOUT DELAY?		<input checked="" type="checkbox"/>			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?		<input checked="" type="checkbox"/>			
ARE YOU SATISFIED WITH OUR SERVICE?		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE

**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): Jill S.H.H.  
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): [Signature]  
 HALLIBURTON OPERATOR/ENGINEER: [Signature] EMP # 59179  
 HALLIBURTON APPROVAL:

