

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-D&A

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: GABBERT-JONES

License: 5842

Wellsite Geologist: NA

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:

RELEASED

Operator: _____

Well Name: NOV 1 1996

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBSD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

8-12-95 8-23-95 NONE-D&A

Spud Date Date Reached TD Completion Date

API NO. 15- 189-21981-0000

County STEVENS

660 Feet from NX (circle one) Line of Section

1980 Feet from XW (circle one) Line of Section

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

Lease Name VANSELOUS "A" Well # 4

Field Name GENTZLER

Producing Formation L. MORROW

Elevation: Ground 3206.9 KB --

Total Depth 6100 PBSD 0

Amount of Surface Pipe Set and Cemented at 1668 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 ACT 1 DAW
(Data must be collected from the Reserve Pit) DIA 8-10-99

Chloride content 1500 ppm Fluid volume 700 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite: _____

Operator Name KUC

Lease Name _____ License No. SEP 1 3

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. 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 David W. Kapple

Title DIVISION DRILLING ENGINEER Date 9/7/95

Subscribed and sworn to before me this 7th day of September, 1995.

Notary Public L. Marc Harvey

Date Commission Expires _____

L. MARC HARVEY
Notary Public - State of Kansas
My Appl. Expires 6-12-99

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)

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 14 1995

CONFIDENTIAL

Operator Name ANADARKO PETROLEUM CORPORATION

Lease Name VANSELOUS Well # 4

Sec. 2 Twp. 32 Rge. 39 East West

County STEVENS

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.)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy.)
List All E.Logs Run: DIMSFL, CNL-LDT, SONIC, ML.

Log Formation (Top), Depth and Datums
Table with columns: Name, Top, Datum. Includes entries like B/STONE CORRAL, CHASE, COUNCIL GROVE, etc.

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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.

ADDITIONAL CEMENTING/SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type
Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
Table with columns: Shots Per Foot, PERFORATION RECORD, Acid, Fracture, Shot, Cement Squeeze Record, Depth.

TUBING RECORD
Table with columns: Size, Set At, Packer At, Liner Run (Yes/No).

Date of First, Resumed Production, SWD or Inj.
Producing Method (Flowing, Pumping, Gas Lift, Other)

Estimated Production ** Oil Bbls.
Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: **
Method of completion (Open Hole, Perf., Duaily Comp., Commingled, Other)
Production Interval **

KCC

GABBERT-JONES, INC.
WICHITA, KANSAS

ORIGINAL

DRILLER'S WELL LOG

WELL NAME: Vanselous A-4
Sec 2-32S-39W
Stevens County, Kansas

CONFIDENTIAL

COMMENCED: August 12, 1995
COMPLETED: August 24, 1995
OPERATOR: Anadarko Petroleum Corporation

DEPTH		FORMATION	REMARKS
From	To		
0	240	Sand	
240	840	Lime	Ran 40 jts of 24# 8 5/8"
840	1221	Redbed-Gyp	csg set @ 1668' w/310 sks
1221	1230	Redbed	Midcon 2 - 160 sks Prem
1230	1410	Sand	Plus Class C 2% CC
1410	1668	Redbed-Gyp	1/4# Flocele
1668	2350	Redbed	PD @ 6:15PM 08/13/95
2350	2825	Shale-Lime	
2825	6100	Lime-Shale	

6100' TD

RELEASED

NOV 1 1996

FROM CONFIDENTIAL

D & A

KCC
SEP 13
CONFIDENTIAL

[STATE OF KANSAS]
[COUNTY OF SEDGWICK]

Subscribed and sworn to before me this
30th day of August, 1995.

Shirley A. Pelz
Shirley A. Pelz, Notary Public

My commission expires:
October 18, 1997

glog0001



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



HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO:
 ADDRESS: Acadarko Pet Corp
 CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No.

811799 - X

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>25540</u>	WELL/PROJECT NO. <u>17</u>	LEASE <u>VANSELous</u>	COUNTY/PARISH <u>STEVENS</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION <u>Democrat</u>	DATE <u>8-15-95</u>	OWNER
2. <u>25525</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Cobbett & Jones</u>	RIG NAME/NO. <u># 12</u>	SHIPPED VIA <u>HES</u>	DELIVERED TO <u>Wellsite</u>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION <u>Land (2-325-391)</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS	<u>01</u>	<u>01</u>	<u>010</u>			

CONFIDENTIAL

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
000-117			MILEAGE	EA	mi	108	mi	2.75	297.00
001-016			Pump change	6	has	1681	ft		1320.00
030-018			Top plug	1	EA	8 7/8	in		130.00
225-219	825.217	ORIGINAL	Guide shoe	1	EA	8 5/8	in		216.00
24A	815.19502		Insert	1	EA	8 7/8	in		171.00
27	815.19415		Filling	1	EA	8 7/8	in		55.00
40	806.61048		Centralizer	5	EA	8 7/8	in	65 EA	325.00
320	806.71460		Basket	1	EA	8 7/8	in		110.00
350	890.10802		Weld A	1	EA	1	lb		14.50

RECEIVED SEP 13 1996
 KANSAS CORPORATION COMMISSION
 WICHITA, KS
 RELEASED SEP 14 1996
 CONSERVATION DIVISION
 WICHITA, KS
 CONFIDENTIAL

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.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X Jim Sullivan
 DATE SIGNED: _____ TIME SIGNED: _____
 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?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND		

PAGE TOTAL: 2638.50

FROM CONTINUATION PAGE(S): 8685.64

SUB-TOTAL: 11324.14

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) <u>Jim Sullivan</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X Jim Sullivan</u>	HALLIBURTON OPERATOR/ENGINEER <u>Tom Payer</u>	EMP # <u>48170</u>	HALLIBURTON APPROVAL
--	---	---	-----------------------	----------------------



JOB LOG HAL-2013-C

CUSTOMER: **Amadorka Pet Corp.** WELL NO.: **# A-4** LEASE: **VANSELOUS** JOB TYPE: **010** TICKET NO.: **811799**

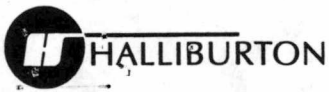
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1030							Called out — Requested "NOW"
	1400							ON LOC. — T.O.H. — 54 miles driven
	1540							Run csg @ 8 5/8" — 11681 ft
	1658							ON BOTTOM
	1705							Hook-up to cise. ORIGINAL
	1706							Circulating broke
	1708							Hook-up to cmt.
	1712	0-7	177				100%	Pump lead cmt. @ 310 sks
	1735	7-6	38				100%	Pump tail cmt. @ 1100 sks.
	1744	6-0					25%	Shut down. — Drop plug
	1745	0-6	104				100%	Pump Displ. — wash-up
	1802	6-3					450/400	Reduce Rate — 100 bbls in
	1803	3-0					400/1900	Plug Down
							80%	Release Press. — float "held"
								Cement to SURFACE.
								APPROX 100 bbls OR 174 sks
								Thank you!
								Joe + crew CONFIDENTIAL
								RELEASED
								NOV 1 1996
								FROM CONFIDENTIAL
								Pump time: 50 mins. Loc time: 4 hrs 30 mins.

ALL
SEP 13
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 14 1995

CONSERVATION DIVISION
WICHITA, KS



JOB SUMMARY

HALLIBURTON DIVISION M. Scott Park
 HALLIBURTON LOCATION L. B. 111 S.

BILLED ON TICKET NO. 511799

WELL DATA

FIELD Youngton NW SEC 2 TWP. 32S RNG. 39W COUNTY STEPHENS 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>W</u>	<u>24</u>	<u>8 5/8</u>	<u>11.8</u>	<u>16.82</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-13-95</u> TIME <u>10:20</u>	DATE <u>5-17-95</u> TIME <u>1:00</u>	DATE <u>5-13</u> TIME <u>17:05</u>	DATE <u>5-13</u> TIME <u>18:03</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>Insorb 8 5/8</u>	<u>1</u>	<u>H</u>
FLOAT SHOE <u>Fill only 8 5/8</u>	<u>1</u>	
GUIDE SHOE <u>K09 8 5/8</u>	<u>1</u>	<u>0</u>
CENTRALIZERS <u>SH 8 5/8</u>	<u>5</u>	
BOTTOM PLUG <u>Basick 8 5/8</u>	<u>1</u>	<u>W</u>
TOP PLUG <u>SW 8 5/8</u>	<u>1</u>	
HEAD <u>PC 8 5/8</u>	<u>1</u>	<u>6</u>
PACKER		
OTHER		<u>0</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Payer</u>	<u>1130049 P.U.</u>	<u>L. B. 111</u>
<u>US120</u>		
<u>T. Davis</u>	<u>53551</u>	
<u>F4550</u>	<u>76900 ADX</u>	
<u>M. Lottmoller</u>	<u>504042</u>	<u>HUGOTON</u>
<u>G9510</u>	<u>5303 BUA</u>	<u>KS</u>
<u>C. K. Stoen</u>	<u>4673</u>	
<u>F4880</u>	<u>7620 Buik</u>	

MATERIALS

TREAT. FLUID _____ DENSITY KUC LB./GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB./GAL. °API
 PROP. TYPE _____ SIZE SEP 1.3 LB.
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. CONFIDENTIAL %
 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. SEP 14 1995 IN
 FRIC. RED. AGENT TYPE _____ GAL.-LB. IN
 BREAKER TYPE _____ GAL.-LB. IN
 BLOCKING AGENT TYPE _____ GAL.-LB. IN
 PERFFAC BALLS TYPE _____ QTY. CONSERVATION DIVISION WICHITA, KS
 OTHER _____
 OTHER _____

DEPARTMENT Cement
 DESCRIPTION OF JOB Cement 8 5/8 STEPS 145002
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE [Signature]
 HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>310</u>	<u>M. Scott</u>		<u>B</u>	<u>2% CC 1/4% KA F10</u>	<u>3.22</u>	<u>11.1</u>
<u>1</u>	<u>160</u>	<u>Prime Plus</u>		<u>B</u>	<u>2% CC 1/4% KA F10</u>	<u>1.32</u>	<u>14.5</u>

RELEASED

NOV 1 1996

FROM CONFIDENTIAL

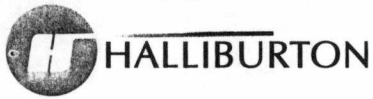
PRESSURES IN PSI

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. 1017
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 177 L.C. 376 F.C.
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
 ORDERED _____ AVAILABLE _____ USED _____ REMARKS
 AVERAGE RATES IN BPM _____ MSDS sheets in Post House
 TREATING _____ DISPL. _____ OVERALL _____ Cement to SURFACE
 CEMENT LEFT IN PIPE _____
 FEET 43 REASON STOP JOB

CUSTOMER: Amstar
 LEASE: Van Seters
 WELL NO: 1
 JOB TYPE: CEMENT
 DATE: 5-17-95



TICKET CONTINUATION

DUNCAN COPY

TICKET No. 811799

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

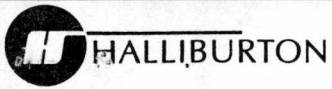
43 CUSTOMER A.P.C. WELL Kanselous DATE 8-13-95 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	WELL		DATE	PAGE		
		LOC	ACCT	DF		QTY.	U/M		QTY.	U/M	UNIT PRICE
S04-030	516.00265				Premium Plus Cement	160	SK			11 ⁶⁰	1905 ⁶⁰
S04-282					Mudcon	310	SK			16 ³⁷	5080 ²⁰
S04-030	516.00265					3110	SK				
S04-285	70 15-56					677	LB				
S04-717	516.00265					7	LB				
S07-110	890.50071				Flo 4 th 1470SK	118	LB			1 ⁶⁵	194 ²⁰
S04-406	890.50312				Calcium Chloride 2% 1470SK	9	SK			36 ¹⁵	330 ¹⁵
<p>ORIGINAL</p> <p>CONFIDENTIAL</p> <p>NOV 1 1995</p> <p>RELEASED</p> <p>FROM CONFIDENTIAL</p> <p>RECEIVED</p> <p>KANSAS CORPORATION COMMISSION</p> <p>SEP 14 1995</p> <p>CONSERVATION DIVISION</p> <p>WICHITA, KS</p>											
S00-207					SERVICE CHARGE						
S00-306											
						CUBIC FEET	512				691 ²⁰
						MILEAGE CHARGE	46,171				482 ⁴²
						TOTAL WEIGHT	22				
						LOADED MILES	507.88				
						TON MILES					

No. B 209721

CONTINUATION TOTAL

8685.64



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Med Cont
Liberal Ks

BILLED ON TICKET NO. 212024

WELL DATA

FIELD Kingser SEC. 2 TWP. 32 S RNG. 39 W 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	16.2	4.5	K.B	2800	
LINER						
TUBING						
OPEN HOLE			7 7/8	6.1		SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>8-23-95</u> TIME <u>19:30</u>	DATE <u>8-23-95</u> TIME <u>22:15</u>	DATE <u>8-24-95</u> TIME <u>01:35</u>	DATE <u>8-24-95</u> TIME <u>04:15</u>

TOOLS AND ACCESSORIES

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

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R Elwood</u>	<u>490041</u>	<u>Liberal Ks</u>
<u>H Tedder</u>	<u>52138</u>	<u>1</u>
<u>G Kingston</u>	<u>4673</u>	<u>1</u>
<u>F 4280</u>	<u>7620 (B)</u>	<u>1</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. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

CONFIDENTIAL ORIGINAL
KCC

DEPARTMENT SOOL Cont
 DESCRIPTION OF JOB PTA
SEP 13
CONFIDENTIAL

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>235</u>	<u>4900 P2</u>	<u>P</u>	<u>RECEIVED</u>	<u>RELEASED</u>	<u>157</u>	<u>134</u>
<u>SEP 14 1995</u>					<u>NOV 1 1996</u>		

PRESSURES IN PSI

SUMMARY

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 _____

VOLUMES
FROM CONFIDENTIAL
 PRES LUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. SEE DISPL: BBL.-GAL. _____
 CEMENT SLURRY: BBL.-GAL. Job
 TOTAL VOLUME: BBL.-GAL. Loc
 REMARKS
M.S.D.S. Given to Engineer Maw

CUSTOMER: AMARCO
 LEASE: WAS-56005 "A"
 WELL NO: 4
 JOB TYPE: PTA
 DATE: 8-24-95

JOB LOG HAL-2013-C

CUSTOMER Anadarko Perm Corp	WELL NO. 4	LEASE Vanselews	JOB TYPE P.T.N	TICKET NO. 212024
--------------------------------	---------------	--------------------	-------------------	----------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	19:30							COILED OUT RIG 22:30
	22:15							ON LOC RIG T.E.M
	23:50							START L.O.D.P.
	01:35							SET 1 st Plug 100 ^{psi} @ 2200'
	01:41	2.5	10	X		500		HOOK TO HALLIBURTON
	01:45	4.7	27.9	X		500		START H ₂ O AHEAD
	01:53	3.5	3.5	X		300		START CMT @ 13.4" / gal
	01:54	5.8	29.06	X		250		START H ₂ O BEHIND
	01:59			X		VAC		START MUD Displacement
	02:00							SHUT DOWN
	02:34							START L.O.D.P.
	02:36	3.3	10	X		250		2 nd Plug 50 ^{psi} @ 1710'
	02:39	3.5	13.9	X		400		HOOK TO HALLIBURTON
	02:43	3.5	3.5	X		200		START H ₂ O AHEAD
	02:44	5.7	17.2	X		100		START CMT @ 13.4" / gal
	02:47			X		VAC		START H ₂ O BEHIND
	02:49							START MUD Displacement
	03:24							SHUT DOWN
	03:25		30	X		400		START L.O.D.P.
	03:33		13.9	X		250		3 rd Plug 50 ^{psi} @ 1600'
	03:38		5.1	X		VAC		HOOK TO HALLIBURTON
	03:39							START H ₂ O AHEAD
	03:40							START CMT @ 13.4" / gal
	04:15		2.75	X				START H ₂ O Displacement
								SHUT DOWN
								L.O.D.P.
								Plug @ Surface 10 ^{psi}

ORIGINAL

CONFIDENTIAL

KCC

SEP 15

CONFIDENTIAL

RELEASED

NOV 1 1996

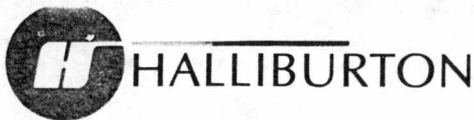
RECEIVED
KANSAS CORPORATION COMMISSION

SEP 14 1995

FROM CONFIDENTIAL

CONSERVATION DIVISION
WICHITA, KS

THANK YOU FOR CALLING
HALLIBURTON ENERGY
RECENT & CMT
TIME ON LOG 6 HR
PUMP TIME 54 MIN



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: ANADARCO PETR CORP
 ADDRESS:
 CITY STATE ZIP CODE: LIBERAL KS

TICKET No. 812024 - 4
 PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>025540 Liberal</u>	WELL/PROJECT NO. <u>4</u>	LEASE <u>UNSPECIFIED "A"</u>	COUNTY/PARISH <u>STEVEN'S</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>8-24-95</u>	OWNER <u>SARIE</u>
2. <u>025535 Higdon</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Graham & Jones Inc</u>	RIG NAME/NO. <u>12</u>	SHIPPED VIA <u>HKS</u>	DELIVERED TO <u>Locust</u>	ORDER NO.
3.	WELL TYPE <u>C1</u>	WELL CATEGORY <u>OL</u>	JOB PURPOSE <u>115</u>	WELL PERMIT NO.	WELL LOCATION <u>2, 323, 39</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>000-117</u>					MILEAGE	<u>112</u>	<u>mi</u>	<u>1</u>	<u>0</u>	<u>2.75</u>	<u>308.00</u>
<u>009-019</u>					Pump Charge	<u>6</u>	<u>HR</u>	<u>9800</u>	<u>FT</u>		<u>1535.00</u>
					CONFIDENTIAL RELEASED NOV 1 1996 FROM CONFIDENTIAL ORIGINAL NOV 13 CONFIDENTIAL RECEIVED KANSAS CORPORATION COMMISSION SEP 14 1995 CONSERVATION DIVISION WICHITA-KS						

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.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

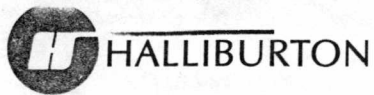
SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	SURVEY OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? <input checked="" type="checkbox"/> AGREE WE UNDERSTOOD AND MET YOUR NEEDS? <input checked="" type="checkbox"/> AGREE OUR SERVICE WAS PERFORMED WITHOUT DELAY? <input checked="" type="checkbox"/> AGREE WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? <input checked="" type="checkbox"/> AGREE ARE YOU SATISFIED WITH OUR SERVICE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND	UN-DECIDED DIS-AGREE	PAGE TOTAL <u>1843</u>
TYPE LOCK DEPTH BEAN SIZE SPACERS TYPE OF EQUALIZING SUB. CASING PRESSURE TUBING SIZE TUBING PRESSURE WELL DEPTH TREE CONNECTION TYPE VALVE	FROM CONTINUATION PAGE(S) <u>2854</u>	SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>4697</u>	<u>21</u>

DATE SIGNED: [Signature] TIME SIGNED: [Signature] A.M. P.M.

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

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)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
	<u>[Signature]</u>	<u>Robert Elwood</u>	<u>D. 4300</u>	



TICKET CONTINUATION

DUNCAN COPY

TICKET No. 812024

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

82 CUSTOMER APC WELL Vanselews DATE 9-23-95 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M		
504-043	516 00272				2350ft 4 1/2" Premium Poz						
506-105	516 00270				Premium Cement	141	SK			11.55	1628.55
506-121	516 00271				Pozmix A	6956	LB			0.74	5147.24
506-277	516 00279				Gravel	4	BN				4
					4 1/2" Gravel 4%	8	BN			13.25	106.00
<p>CONFIDENTIAL ORIGINAL</p> <p>RELEASED NOV 1 1996 FROM CONFIDENTIAL</p> <p>RECEIVED KANSAS CORPORATION COMMISSION SEP 14 1995 CONSERVATION DIVISION WICHITA, KS</p>											
500-207					SERVICE CHARGE						
500-306					MILEAGE CHARGE						
					TOTAL WEIGHT	21,422					
					LOADED MILES	22					
					CUBIC FEET	251				1.15	338.15
					TON MILES	235.642				0.75	223.73

CONTINUATION TOTAL 2,254.81

No. B 209760