

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name BAUGHMAN "D" Well # 1

Sec. 9 Twp. 31S Rge. 40 East West
 County MORTON

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B/STONE CORRAL	1636	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	WINFIELD	2267	
List All E.Logs Run: CBL,CCL,GR, DIL, CNL-LDT, SONIC, ML		COUNCIL GROVE	2534	
DST#1 - (5019-5085') OP15, SI60, OP60, SI120, IHP2368.4		WABAUNSEE	2957	
1ST FLO 28-34, ISIP 99.4, 2ND FLO 32-44, FSIP 102.5, FSIP 2368.4		HEEBNER	3672	
		TORONTO	3688	
		LANSING	3716	
		MARMATON	4390	
		ATOKA	4844	
		MORROW	4984	
		STE. GENEVIEVE	5418	
		ST. LOUIS	5561	
		T.D.	5650	

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	1635	50/50 POZMIX/ CLASS H	625/200	4% GEL, 2% CC/ 3% CC
PRODUCTION	7 7/8	5 1/2	15.5	5620	65/35 POZMIX/ CLASS H 50/50	80/280	6%GEL 1/4#/SXFLC .75% FRIC.REDC./ 10% SALT, 5#/SX- GILS. 1/4#/SXFLC

03202159

F.O. TOOL @ 2586 MIDCON 2 85 NONE

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	
		ACID: 500GAL 15%HCL + 26 BS FRAC: NONE	5452-5457'
4	5452-5457'	ACID: 1000GAL 15% HCL FRAC: 18500GAL 40# BARAGEL X-LINK, 2% KCL WTR.& 50000# 16/30 SD.	5452-5457'
4	5060-5070'		5060-5070'
4	4484-4490'	ACID: 800GAL 15%.HCL	4484-4490'

TUBING RECORD	Size NONE	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. NONE-DRY HOLE-WAITING ON PLUGGING	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> NONE-DRY HOLE 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 Open Hole Perf. Dually Comp. Commingled Other (Specify) NONE

Production Interval _____

NOT APPLICABLE-DRY HOLE

GABBERT-JONES, INC.
WICHITA, KANSAS

ORIGINAL
CONFIDENTIAL

DRILLER'S WELL LOG

WELL NAME: Baughman D-1
Sec 9-31S-40W
Morton County, Kansas

COMMENCED: November 19, 1994
COMPLETED: December 1, 1994
OPERATOR: Anadarko Petroleum Corporation

API # 15-129-21350-0000

DEPTH		FORMATION	REMARKS
From	To		
0	315	Sand-Clay	
315	955	Clay-Sand-Redbed	Ran 40 jts of 24# 8 5/8"
955	1260	Redbed-Gyp	csg set @ 1634' w/625 sks
1260	1370	Sand	50/50 Posmix 4% Gel 2% CC
1370	1635	Redbed-Gyp	200 sks Common Class H
1635	1800	Anhy-Shale-Sand	3% CC
1800	2115	Shale-Anhy-Lime	PD @ 5:30PM 11/20/94
2115	2480	Shale-Lime	
2480	5085	Lime-Shale	
5085	5090	Shale-Sand	Ran 128 jts of 15 1/2# 5 1/2" csg
5090	5650	Lime-Shale	set @ 5621' w/FO Tool @
			2586 - Cemented w/80 sks
			65/35 Posmix - 280 sks Class H
			50/50 Posmix 5# Gilsonite
			PD @ 4:45AM 12/01/94
			RR @ 5:45AM 12/01/94

RELEASED

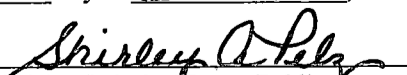
MAY 1 1996

FROM CONFIDENTIAL

5650' TD

[STATE OF KANSAS]
[COUNTY OF SEDGWICK]


Subscribed and sworn to before me this
7th day of December, 1994.


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 - President

RECEIVED
STATE CORPORATION COMMISSION

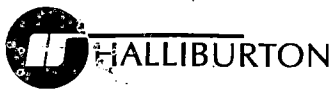
MAR 16 1995

CONSERVATION DIVISION
WICHITA, KANSAS

STATE OF KANSAS

DEPARTMENT OF REVENUE

WICHITA, KANSAS



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Mich. Cont
Liberal, Ks

15-129-21350-0000

BILLED ON TICKET NO. 705609

CUSTOMER

WELL DATA
FIELD _____ SEC. 9 TWP. 31^S RNG. 40^W COUNTY Morton 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 WEIGHT _____
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

CONFIDENTIAL

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		15.5	5 1/2	KB	5630	
LINER						
TUBING						
OPEN HOLE			7 7/8		5630	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-30</u>	DATE <u>11-30</u>	DATE <u>12-1</u>	DATE <u>12-1</u>
TIME <u>1600</u>	TIME <u>2030</u>	TIME <u>0300</u>	TIME <u>0445</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
LOAD COLLAR <u>Tangent Float</u> <u>5 1/2</u>	<u>1</u>	<u>Hausco</u>
ROD END SHOE <u>Filly</u>	<u>1</u>	
GUIDE SHOE		
CENTRALIZERS	<u>29</u>	
BOTTOM PLUG		
TOP PLUG	<u>1</u>	
HEAD	<u>1</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.	%

RELEASED

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Olave</u>	<u>40075</u>	<u>Liberal Ks</u>
<u>T. Peyer</u>	<u>59179</u>	
<u>D. Hamilton</u>	<u>48120</u>	<u>11</u>
<u>J. Frost</u>	<u>63090</u>	<u>Hogton Ks</u>
	<u>69775</u>	<u>5303</u>

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 _____

FROM CONFIDENTIAL

DEPARTMENT Cement
DESCRIPTION OF JOB 5 1/2 Prod Stg

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

CUSTOMER REPRESENTATIVE X Job Sheen
HALLIBURTON OPERATOR Dennis Arns COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>80</u>	<u>Premium</u>	<u>LTWT</u>		<u>1/4 # Floccle</u>	<u>1.84</u>	<u>12.7</u>
	<u>280</u>	<u>SO/50 Poz</u>	<u>Premium</u>		<u>75% CFP-3</u> <u>2% Total Gel</u> <u>10% SALT</u> <u>5# Gilsrite</u> <u>1/4 Flo</u>	<u>1.39</u>	<u>14.0</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 40 REASON Stop Start

SUMMARY

PRESLUSH: BBL.-GAL. 20 HCL 30 HCL 20 HCL
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 133.0
CEMENT SLURRY: BBL.-GAL. 95.52
TOTAL VOLUME: BBL.-GAL. _____

REMARKS

Anchorco P. Leo. Coparse R. Anglin and
WELL NO. 0-1-#
JOB TYPE 5 1/2 Prod Stg
DATE 11-30-94



JOB LOG HAL-2013-C

DATE 11-30-94 PAGE NO.

CUSTOMER *Amoco Pao.* WELL NO. *D 1* LEASE *Boughman* JOB TYPE *5 1/2 Prod Stng* TICKET NO. *705609*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1600							<i>Time Collected</i>
	2130							<i>Time Ready</i>
	2030							<i>Time out</i> ORIGINAL
	2345							<i>Start Pump Casing</i> RELEASED
								MAY 1 1996
	0258							CONFIDENTIAL <i>Casing in Hole</i> FROM CONFIDENTIAL
	0300							<i>Hook Up To Circulate Casing</i>
	0310							<i>Circulate Casing w/ Prod</i>
	0312							<i>Circulate Mud To Casing Level</i>
	0345							<i>Hook Up To Pump Truck</i>
	0350	5	20					400 <i>Start 2% KCl Alerd</i>
	0354	/	30					450 <i>Start Mud Flush</i>
	0400	/	20					450 <i>Start 2% KCl Behind</i>
	0404	6						500 <i>Start Mine Cement</i>
	0409	6.4	26.21					450 <i>Start Tail Cement</i>
	0418		69.31					300 <i>Finish Mine Cement</i>
	0419		95.9 TOTAL (BBL)					300 <i>Shut Down</i> Deep Plug
	0420	6						<i>Wash Pumps & Lines</i>
		5.3 Avg	133.0					150 <i>Start Displacement</i>
	0445							1100/1600 <i>Plug Down</i> Float Dick out Holes
								<i>Lost Casing for a Short Time on Dip</i>
								<i>Shut in Head & Mined Field</i>
								Thanks For Calling Halliburton Energy
								<i>Obore & Crew</i>



CHARGE TO: Andarico Petroleum Corp.
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

COPY 15-129-21350-0000 TICKET # 705609 - 3
 No. 705609 - 3
 PAGE 1 OF 1

FORM 1906 R-13

SERVICE LOCATIONS 1. <u>25540 Lizard Ks</u>	WELL/PROJECT NO. <u>D-1</u>	LEASE <u>Baughman</u>	COUNTY/PARISH <u>Moreau</u>	STATE <u>Ks</u>	CITY/OFFSHORE LOCATION	DATE <u>11-30-91</u>	OWNER <u>Andarico</u>
2. <u>25535 Augusta Ks</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Genl Dely 12</u>	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO <u>Lisc</u>	ORDER NO.
3.	<input type="checkbox"/> SALES		WELL TYPE	WELL CATEGORY	JOB PURPOSE <u>035 5 1/2 Prod</u>	WELL PERMIT NO.	WELL LOCATION <u>NW Bolla</u>
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS <u>0102</u>					

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT.	EDF.							
000-117		1			MILEAGE	12.14		Miles		2.75	341.18
001-016		1			Pay charge	56		FT			2000.00
050-016		1			5 in Top Plug	1		Each	5%	60.00	60.00
12 A	825-205	1			Guide shoe	1		Each	5%	121.00	121.00
214 A	815-19251	1			Tusant Float	1				110.00	110.00
27	815-11311	1			Fillup	1				55.00	55.00
140	806-60022	1			Centrifuges	29				44.00	1276.00
314-163		1			Cliff II	4		gal		214.00	96.00
018-317		1			Mud Fluid	1260		gal		65.00	819.00

RELEASED 1996
 CONFIDENTIAL MAY 1 1996
 FROM 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.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE
 [Signature]

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

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	<input checked="" type="checkbox"/> AGREE	<input type="checkbox"/> UN-DECIDED	<input type="checkbox"/> DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?	<input checked="" type="checkbox"/>		
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	

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 4878.00

FROM CONTINUATION PAGE(S) 5314.36

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) <u>Della S. H. ...</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <input checked="" type="checkbox"/> <u>[Signature]</u>	HALLIBURTON OPERATOR/ENGINEER <u>[Signature]</u>	EMP # <u>59179</u>	HALLIBURTON APPROVAL
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WELL DATA

FIELD _____ SEC. 9 TWP. 31 S. RNG. 40 W COUNTY Marion 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 1431

CONFIDENTIAL

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-20-94</u>	DATE <u>11-20-94</u>	DATE <u>11-20-94</u>	DATE <u>11-20-94</u>
TIME <u>10:30</u>	TIME <u>14:30</u>	TIME <u>16:40</u>	TIME <u>17:30</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>Intsart w/Fill</u>	<u>1</u>	<u>Howco</u>
FLOAT SHOE		
GUIDE SHOE <u>Reg.</u>	<u>1</u>	
CENTRALIZERS <u>S-4</u>	<u>5</u>	
BOTTOM PLUG		
TOP PLUG <u>S-wiper</u>	<u>1</u>	
HEAD <u>QCPC</u>	<u>1</u>	
BACKER <u>CMT BRKRT</u>	<u>1</u>	
OTHER <u>Howco WELD A</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 _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. Elwood</u>	<u>40075</u>	<u>Liberal Ks</u>
<u>D. NEEFEAT</u>	<u>D. 4360 P.U.</u>	<u>Liberal Ks</u>
<u>J. BARNES</u>	<u>52938</u>	<u>"</u>
<u>S. BAKER</u>	<u>E 1591</u>	<u>"</u>
	<u>7848 (B)</u>	<u>"</u>
	<u>4449</u>	<u>"</u>
	<u>G. 9614</u>	<u>Hugoton Ks</u>
	<u>75505 (B)</u>	<u>"</u>
	<u>4444</u>	<u>"</u>
	<u>G. 9613</u>	<u>"</u>
	<u>6610 (B)</u>	<u>"</u>

ORIGINAL

DEPARTMENT 8 3/8 SURFACE **RELEASED**

DESCRIPTION OF JOB CMT

MAY 1 1998

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

CUSTOMER REPRESENTATIVE X John Shroy

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>625</u>	<u>Prem 50/50 Bz</u>	<u>H</u>	<u>B</u>	<u>4% Total Gel, 2% C.C.</u>	<u>1.44</u>	<u>13.5</u>
	<u>200</u>	<u>Prem</u>	<u>H</u>	<u>B</u>	<u>3% C.C.</u>	<u>1.06</u>	<u>16.4</u>

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. 102.84

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 160.29 + 37.76

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

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 41 REASON SHOE JOINT

REMARKS

CUSTOMER Amoco
 LEASE Baselman
 WELL NO. 0
 JOB TYPE 8 3/8 Surface
 DATE 11-20-94



HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

CHARGE TO:
 ADDRESS: ANAYAKO
 CITY, STATE, ZIP CODE:

COPY 15-129-21350-0000 TICKET WJ

No. 705702 - 8

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>025540 - UGREN</u>	WELL/PROJECT NO. <u>1</u>	LEASE <u>BAUGHMAN D</u>	COUNTY/PARISH <u>MORTON</u>	STATE <u>LA</u>	CITY/OFFSHORE LOCATION	DATE <u>11-20-94</u>	OWNER <u>JAME</u>
2. <u>025635 - Hupford</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>GABRIEL JONES</u>	RIG NAME/NO. <u>12</u>	SHIPPED TO <u>LOCATIONS</u>	DELIVERED TO	ORDER NO.
3.	WELL TYPE <u>01</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>010</u>	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

RELEASED
 MAY 1 1996
 FROM CONFIDENTIAL

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF									
000-117					MILEAGE	1	U	116	M	2.75	319	00	
001-016					Pump Charge	6	HR	1655	FT		1320	00	
030-018					5 WIPER Top Plug	8 5/8	IN	1	EA		130	00	
24A	815.19502				FLOAT INSERT	8 5/8	IN	1	EA		171	00	
27	815.19415				Fill up Assembly	8 5/8	IN	1	EA		55	00	
40	806.61048				CENTRIFUGERS	8 5/8	IN	5	EA	65	00	325	00
12A	825.217				GOOSE STICK Req.	8 5/8	IN	1	EA		216	00	
320	806.70000				CMT BASKET	8 5/8	IN	1	EA		122	00	
350	890.10802				WELD A	1	10	1	EA		14	50	

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: X [Signature]

DATE SIGNED: 5/1/96 TIME SIGNED: 1:00 A.M. P.M.

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		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <u>2,672</u> <u>50</u>
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?		<input checked="" type="checkbox"/>			
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"/>			
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?		<input checked="" type="checkbox"/>		FROM CONTINUATION PAGE(S) <u>10,466</u> <u>52</u>
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							SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>13,139</u> <u>02</u>

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>Walter S. H. ...</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X [Signature]</u>	HALLIBURTON OPERATOR/ENGINEER <u>ROBERT ELWOOD</u>	EMP # <u>D 4360</u>	HALLIBURTON APPROVAL
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le statute to the extent

15-129-21350-0000



TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 705702

made in writ
Texas 7705

HALLIBURTON ENERGY SERVICES

91 PLc

CUSTOMER APC	WELL Baughman	DATE 11-20-94	PAGE 2	OF 2
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FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT				
		LOC	ACCT	DF											
504-043	516.00272				Premium Cement	200	sk			10.61	2111.00				
504-131					625 cu.ft. Premium 50/50 Poz	625	sk			8.32	5200.00				
504-043	516.00272					313	sk								
506-105	516.00286					23,088	lb								
506-121	516.00259					11	sk								
507-277	516.00259				Add Gel 2%	11	sk			18.60	204.60				
509-406	890.50812				Calcium Chloride 2%/625 3%/200sk	17	sk			36.75	624.75				
500-207					SERVICE CHARGE			CUBIC FEET	881	1.35	1189.35				
500-306					MILEAGE CHARGE			TOTAL WEIGHT	74,791	LOADED MILES	32	TON MILES	1196.66	95	1136.82

ORIGINAL

CONFIDENTIAL

RELEASED
MAY 1 1996
FROM CONFIDENTIAL

No. B 263193

CONTINUATION TOTAL 10,466.52



JOB LOG HAL-2013-C

CUSTOMER: Anadarko Pct. WELL NO.: D-1 LEASE: Boughman JOB TYPE: cm Port collar TICKET NO.: 706037

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	08:00							Call out Ready 13:00
	12:10							ON LOC
	12:40							CONFIDENTIAL
	12:43						1500	Psi Test CSG
	12:44	5	10				1000	Baker Toolman Oper Port Collar
		"	20				850	Pump 2% KCl H ₂ O
		"	10				750	Mud Flush 18" into flush fluid to surface
	13:00	5					800	85% Midcon #2
		"	30.0				1000	Displ w 2% KCl H ₂ O
		"	9.5					Stop
								Toolman Closed Port Collar
	13:10						1000	Test 1000 Psi
								Rig Pick-up 1 JT of TCB
								Drop Down Hook-up To Rev. Cir
	13:13						1500	Psi Test CSG
								RELEASED MAY 1 1996
	13:22	4 1/2					500	Rev Cir
		"					"	FROM CONFIDENTIAL ORIGINAL
		"					"	8.5 cmT
		"					"	12 Clean
	13:33	"	20				-	Stop Job Completed

Thank You Tim & Crew



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Mid. Conto
Liberal Ks.

15-129-21350-0000
BILLED ON TICKET NO. 706037

WELL DATA

FIELD _____ SEC 9 TWP. 31 RNG. 40 COUNTY Morton 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 Port Collar "Coker's" SET AT 2586
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH 2586

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>15.5</u>	<u>5 1/2</u>	<u>GL</u>	<u>5500</u>	<u>1,500</u>
LINER						
TUBING			<u>2 3/8</u>	<u>KB</u>	<u>2586</u>	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2-2-95</u>	DATE <u>2-2-95</u>	DATE <u>2-2-95</u>	DATE <u>2-2-95</u>
TIME <u>08:00</u>	TIME <u>12:10</u>	TIME <u>12:40</u>	TIME <u>13:35</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>T Bohannon</u>	<u>40076 P.O.</u>	<u>Liberal Ks</u>
<u>87748</u>		
<u>K Boone</u>	<u>52823</u>	<u>" "</u>
<u>47841</u>	<u>75374 P.</u>	
<u>S Porter</u>	<u>4444</u>	<u>Hogdon Ks</u>
<u>69613</u>	<u>6610</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 _____

CONFIDENTIAL ORIGINAL

DEPARTMENT 5001

DESCRIPTION OF JOB 035 cmt Port Collar

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

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR Tim Bohannon COPIES REQUESTED 2

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>25</u>	<u>Midecon 2</u>		<u>6</u>		<u>2.01</u>	<u>12.8</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 _____
 REASON _____

SUMMARY

PRESLURRY: BBL.-GAL. 10-20-10
 LOAD & BRDN: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____
 CEMENT SLURRY: BBL.-GAL. 30.4
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

28 KCL mud 200 gal
flush 200 gal
had 100 gal
DISPL: BBL.-GAL. 10.0

CUSTOMER

CUSTOMER: Anders Ko Pt. Corp.
 LEASE: Bruce Bohannon
 WELL NO.: 0-1
 JOB TYPE: 035
 DATE: 2-2-95



CHARGE TO: Avulanki Pat
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

COPY 15-129-21350-0006 TICKET No. 706037-2
 PAGE 1 OF 1

FORM 1906 R-13

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE	OWNER
1. <u>2001-016</u>	<u>20-1</u>	<u>Be...</u>	<u>Mont...</u>	<u>KC</u>	<u>...</u>	<u>...</u>	<u>...</u>
2. <u>...</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>...</u>	RIG NAME/NO.	SHIPPED VIA <u>...</u>	DELIVERED TO <u>...</u>	ORDER NO. <u>...</u>
3. <u>...</u>	WELL TYPE <u>...</u>	WELL CATEGORY <u>...</u>	JOB PURPOSE <u>...</u>	WELL PERMIT NO. <u>...</u>	WELL LOCATION <u>...</u>		
4. <u>...</u>	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING LOC ACCT DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
			MILEAGE	76	M	1	K		209
			Pump Charge	2586	FT	6	K		4435
			Mud Flush	340	100				5416

RELEASED MAY 1996 FROM 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.

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	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	YES			2298
WE UNDERSTOOD AND MET YOUR NEEDS?	YES			1076
OUR SERVICE WAS PERFORMED WITHOUT DELAY?	YES			94
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	YES			94
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

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CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
<u>...</u>	<u>...</u>	<u>...</u>	<u>...</u>	<u>...</u>

