

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-189-21,619-00-00

ORIGINAL

County STEVENS

C NW Sec. 32 Twp. 33S Rge. 38 X W

Operator: License # 4549

CONFIDENTIAL

1320 Feet from X (N) (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

1320 Feet from X (N) (circle one) Line of Section

Address P. O. BOX 351

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

City/State/Zip LIBERAL, KANSAS 67905-0351

Lease Name GREGORY "C" Well # 2

Purchaser: TO BE DETERMINED

Field Name GENTZLER

Operator Contact Person: J. L. ASHTON

Producing Formation UPPER MORROW

Phone (316) 624-6253

Elevation: Ground 3221.8 KB --

Contractor: Name: GABBERT-JONES, INC.

Total Depth 6455 PBTD 6100

License: 5842

Amount of Surface Pipe Set and Cemented at 1737 Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? X Yes -- No

Designate Type of Completion
X New Well -- Re-Entry -- Workover

If yes, show depth set 3064 Feet

-- Oil -- SWD -- SIOW -- Temp. Abd.
-- Gas -- ENHR X SIGW
-- Dry -- Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from

feet depth to -- w/ -- sx cmt.

If Workover:

Drilling Fluid Management Plan ALT 1 9/4 1-12-95
(Data must be collected from the Reserve Pit)

Operator: --

Chloride content 85,244 ppm Fluid volume 5000 bbls

Well Name: --

Dewatering method used NATURAL EVAPORATION

Comp. Date -- Old Total Depth --

Location of fluid disposal if hauled offsite:

-- Deepening -- Re-perf. -- Conv. to Inj/SWD
-- Plug Back -- PBTD
-- Commingled -- Docket No. --
-- Dual Completion -- Docket No. --
-- Other (SWD or Inj?) -- Docket No. --

RELEASED

Operator Name --

Lease Name GREGORY "C" License No. --

4/19/94 4/30/94 7/27/94
Spud Date Date Reached TD Completion Date

County STEVENS Twp. AUG 1 S Rng. 33 E/W

Docket No. --

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 8/10/94
Subscribed and sworn to before me this 11th day of August, 19 94.
Notary Public Kathryn A. Rowley
Date Commission Expires 8-1-96

K.C.C. OFFICE USE ONLY
F X Letter of Confidentiality Attached
C X Wireline Log Received
C -- Geologist Report Received
Distribution
X KCC -- SWD/Rep -- NGPA
-- KGS -- Plug -- Other (Specify)

KATHRYN A. ROWLEY
Notary Public - State of Kansas
My Appl. Expires 8-1-96

Form ACO-1 (7-91)

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 12 1994
8-12-94
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS

Operator Name: ANADARKO PETROLEUM CORPORATION

Lease Name GREGORY "C" Well # 2

Sec. 32 Twp. 33S Rge. 38
 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 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
BASE STONE CORRAL	1740	
KRIDER	2551	
COUNCIL GROVE	2865	
TORONTO	4144	
LANSING	4247	
MARMATON	4974	
CHEROKEE	5204	
MORROW	5757	
L. MORROW	6144	
CHESTER	6240	
ST. GENEVIEVE	6381	
ST. LOUIS	6520	

List All E.Logs Run: **SBT**
COMPENSATED NEUTRON CEMENT BOND
CEMENT EVALUATION
DUAL INDUCTION
MICRO

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12 1/4	8 5/8	24	1737	50/50 POZ/COM	615/200	4% GEL, 2%CC, 1/4# FLOCELE / 2%CC
PRODUCTION	7 7/8	5 1/2	15.5	6428	65/35 POZ/THXST	50/185	1/4# SX FLOCELE / 1/4#SX FLOC, 5%KCL
		FO TOOL @		3064	65/35 POZMIX	100	

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	6240 - 6244	LWL	50	
<input type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone	6239 - 6244	MICRO-MATRIX/LWL	15/15	

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
	SEE ATTACHMENT	

TUBING RECORD Size 2 3/8 Set At 5839 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. SI NO PRODUCTION EQUIPMENT, NO PIPELINE Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil -- Bbls. Gas 1400 Mcf Water -- Bbls. Gas-Oil Ratio -- Gravity --

Disposition of Gas: METHOD OF COMPLETION Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 5857 - 5867
 (If vented, submit ACO-18.) Other (Specify) _____

CONFIDENTIAL

ORIGINAL

ATTACHMENT

GREGORY "C" NO. 2
SECTION 32-33S-38W
STEVENS COUNTY, KANSAS

<u>SHOTS PER FOOT</u>	<u>PERFORATION RECORD</u>	<u>ACID, FRACTURE, SHOT, CEMENT SQUEEZE</u>
2	6240-6244	ACIDIZE W/800 GALS 7 1/2% HCL AND 12 B.S. (1.3 SG)
4	6174-6202, 6144-6146	ACIDIZE W/3000 GALS 15% HCL IN 2' INTERVALS (100 GAL/FT)
4	6239-6244	
2	6174-6202, 6144-6146	ACIDIZE W/3000 GALS 15% HCL IN 2' INTERVALS (100 GAL/FT)
1	5857-5867 CMT RETR @ 6100'	

RELEASED

OCT 26 1995

FROM CONFIDENTIAL

RUC

AUG 11

CONFIDENTIAL

STATE COMMISSION

AUG 12 1994

CONSERVATION DIVISION
WICHITA, KANSAS

CONFIDENTIAL

Property of Ks Corp Comm

GABBERT-JONES, INC.
WICHITA, KANSAS

ORIGINAL

- DRILLERS' WELL LOG -

WELL NAME: Gregory C-2
Sec 32-33S-38W
Stevens County, Kansas

RELEASED

OCT 26 1995

COMMENCED: 4-19-94
COMPLETED: 5-2-94
OPERATOR: Anadarko Petroleum Corporation

FROM CONFIDENTIAL

DEPTH		FORMATION	REMARKS
From	To		
0	430	Sand-Clay	<p>Ran 40 jts of 24# 8 5/8" csg set @ 1737' w/615 sks class H 50/50 Posmix 4%Gel 2%CC 1/4#Flocele 200 sks common PD@5:45 PM 4-20-94</p> <p>Ran 146 jts of 15 1/2# 5 1/2" csg set @ 6430' - Fo tool @ 3064' - cemented bottom w/50 sks 65/35 Posmix 1/4# Flocele 185 sks Thixset premium "H" 1/4# Flocele PD @ 10:45 AM 5-2-94 RR @ 11:45 AM 5-2-94</p>
430	505	Redbed	
505	1188	Redbed-Gyp	
1188	1395	Sand	
1395	1738	Redbed-Gyp	
1738	1900	Anhy-Shale	
1900	2775	Shale-Lime	
2775	6450	Lime-Shale	

6450 - TD

RUC

AUG 11

CONFIDENTIAL

STATE OF KANSAS]
COUNTY OF SEDWICK]

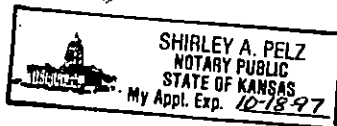
I, the undersigned, being duly sworn on oath, state that the above Drillers' Well log is true and correct to the best of my knowledge and belief and according to the records of this office.

GABBERT-JONES, INC.

[Signature]
James S. Sutton, II - President

Subscribed & sworn to before me this 6th day of May, 1994

[Signature]
Shirley A. Pelz, Notary Public



STATE COMMISSION

AUG 12 1994

CONSTRUCTION DIVISION

My commission expires October 18, 1997



CHARGE TO: Anadarko Petroleum Corp
 ADDRESS:
 CITY, STATE, ZIP CODE:

COPY

TICKET WT

No. **634908 - X**

FORM 1908 R-13

SERVICE LOCATIONS 1. <u>025542 Liberal ks</u>	WELL/PROJECT NO. <u>2</u>	LEASE <u>Gregory "C"</u>	COUNTY/PARISH <u>Stevens</u>	STATE <u>Ks</u>	CITY/OFFSHORE LOCATION	DATE <u>7-14-94</u>	
2. <u>025555 Hugoton ks</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR	RIG NAME/NO.	SHIPPED <u>WHS</u>	DELIVERED TO <u>S & Fzterita ks</u>	ORDER NO.
3.	WELL TYPE <u>01</u>	WELL CATEGORY <u>02</u>	JOB PURPOSE <u>075</u>	WELL PERMIT NO.	WELL LOCATION <u>32-3</u>	AUG 1 1994 DIVISION OPERATIONS	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
100-117		1			MILEAGE	10	mi	11	hr	2.75	27.50
009-134		1			Pump Charge	6230	hr	6	hr		2,295.00
CONFIDENTIAL ORIGINAL RELEASED OCT 26 1995 FROM CONFIDENTIAL AUG 11 1994 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 7-14-94 TIME SIGNED 13:00 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>2,322.50</u>
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>3,489.00</u>
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input 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)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <input checked="" type="checkbox"/> <u>[Signature]</u>	HALLIBURTON OPERATOR/ENGINEER <u>Tim Bohannon</u>	EMP # <u>87748</u>	HALLIBURTON APPROVAL
---	--	--	-----------------------	----------------------



CHARGE TO:
Anadarko
 ADDRESS
 CITY, STATE, ZIP CODE

COPY

TICKET **WF**

No. **677477 - 9**

FORM 1908 R-13

SERVICE LOCATIONS 1. L. BERAL 025510	WELL/PROJECT NO. C-2	LEASE Gregory	COUNTY/PARISH Stavrus	STATE KS.	CITY/OFFSHORE LOCATION	DATE 5/2/94	OWNER ANADARKO
2. Hugoton 025535	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR Halliburton Jones	RIG NAME/NO. 12	SHIPPED VIA 6012	DELIVERED TO Loc	ORDER NO.
3.	WELL TYPE 02	WELL CATEGORY 01	JOB PURPOSE 035	WELL PERMIT NO.	WELL LOCATION 532 T	PAGE 1 OF 2 AUG 1 2 1994 NATIONAL DISCOUNT WELLS 532 T	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING LOC	DESCRIPTION	QTY.	UM	UNIT PRICE	AMOUNT
000-117			MILEAGE	84	mi	2.75	231.00
001-016			Pump charge	6442	ft		2070.00
030-016			Top Rubber Plug	1	EA	5/2	60.00
D18-315			rod flush	1260	gal	.65	819.00
314-163			slip fix II	4	EA	24.00	96.00
12A	825.205	1	Guide shoe	1	EA	5/2	121.00
24A	815.19251	1	Insert fit valve	1	EA	5/2	110.00
27	815.19311	1	Auto Fill up Assy	1	EA	5/2	551.00
320	806.70030	1	Basket	1	EA	5/2	110.00

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
X Terry Lewis
 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	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL 3672.00
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?				
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?				FROM CONTINUATION PAGE(S) 43.83.25
TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 8055.25
		<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) Terry Lewis	CUSTOMER OR CUSTOMER'S AGENT SIGNATURE X Terry Lewis	HALLIBURTON OPERATOR/ENGINEER Keith Boone	EMP # 42541	HALLIBURTON APPROVAL
---	--	---	-----------------------	----------------------

JOB LOG FORM 2013 R-4

DATE
5-2-94
TICKET NO.
677477

CUSTOMER: **Anadarko** WELL NO.: **2** LEASE: **Gregory, c** JOB TYPE: **5 1/2 L.S.**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				IT	IC	TUBING	CASING	
	09.15							on loc. Satly Meet. ug
								CONFIDENTIAL
	09.38	6	20				400	Pump xcl water
	09.41	6	30				400	Pump mud flush
	09.46	6	20				400	Pump xcl water
	09.49	6	16				400	Pump sc Au. cement
	09.53	6	47				400	Pump cement
	10.07							wash up to A7
	10.10							Release plug
	10.10							start d.s placement
	10.34	6	110					slow rate down
	10.36	3	153				1200	plug down
	10.38							ok sit ok
								RELEASED
								OCT 26 1995
								FROM CONFIDENTIAL ORIGINAL

COMMISSION
AUG 12 1994
DIVISION



CHARGE TO: Hladurko Prod
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

COPY _____ TICKET No. 677524 - 1
 PAGE 1 OF 1

FORM 1906 R-13

1. SERVICE LOCATIONS <u>03340</u>	WELL/PROJECT NO. <u>C-2</u>	LEASE <u>GREGORY</u>	COUNTY/PARISH <u>STEVENS</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>7-2-94</u>	OWNER <u>Same</u>
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Best</u>	RIG NAME/NO.	SHIPPED VIA <u>13</u>	DELIVERED TO <u>Location</u>	ORDER NO.	
3. WELL TYPE <u>01</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>Squeeze Job</u>	WELL PERMIT NO.	WELL LOCATION <u>32-335-38W</u>			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>100-115</u>		<u>1</u>		<u>25</u>	<u>MILEAGE</u>	<u>80</u>	<u>mi</u>			<u>1.45</u>	<u>116.00</u>
<u>116-816</u>		<u>1</u>		<u>25</u>	<u>open Sen chg</u>	<u>1</u>	<u>hour</u>				<u>355.00</u>
<u>117-000</u>		<u>1</u>		<u>25</u>	<u>Subs</u>	<u>2</u>	<u>EA</u>	<u>2 3/8</u>	<u>in</u>	<u>35.00</u>	<u>77.00</u>
<u>123-546</u>		<u>1</u>		<u>25</u>	<u>Squeeze manifold</u>	<u>1</u>	<u>EA</u>				<u>2.70.00</u>
<u>123-101</u>		<u>1</u>		<u>25</u>	<u>Star Guide</u>	<u>1</u>	<u>EA</u>				<u>100.00</u>
<u>123-151</u>		<u>1</u>		<u>25</u>	<u>wireline Adapter</u>	<u>1</u>	<u>EA</u>				<u>70.00</u>
<u>93</u>	<u>802-313</u>	<u>1</u>		<u>0</u>	<u>FZSV 5 1/2 in</u>	<u>1</u>	<u>EA</u>	<u>6235</u>	<u>FT</u>		<u>1270.00</u>

CONFIDENTIAL

ORIGINAL

RELEASED

OCT 26 1995

CONFIDENTIAL

AUG 11 1995
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.

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	<u>2251.00</u>
FROM CONTINUATION PAGE(S)	<u>-25</u>
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	<u>245.25</u>
	<u>2005.75</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>David C. Moore</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X [Signature]</u>	HALLIBURTON OPERATOR/ENGINEER <u>J V Armstrong Jr</u>	EMP # <u>44704</u>	HALLIBURTON APPROVAL
--	--	--	-----------------------	----------------------

JOB LOG FORM 2013 R-4

 CUSTOMER **Anadarko Prod** WELL NO. **C-2** LEASE **GREGORY** JOB TYPE **195** TICKET NO. **677524**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	04.00							Called out
	06.00							on loc
	07.00							Requested on loc
	06.30							P.T. on loc
	07.55							Set E25V at 6235'
	08.20							Start Tbg in Hole
	09.30							Tbg on Bottom
	09.32		58		✓		500	Load BS
	10.12	2	15		✓		475	Take injection rate
	10.18							mix cmt
	10.21	2	9.5		✓		0	pump out
	10.26							wash up Pump & lines to Pit
	10.29	2 1/4			✓		0	Start Disp
	10.34	2	12		✓		200	Hole Loaded
	10.36		15		✓			Cmt on Perf
	10.38		17 1/2		✓		500	Squeeze
	10.40							Release PSI
	10.41				✓			PSI up on Squeeze
	10.43				✓			Release PSI UP out of E25V
	10.45							Start Rev. out
	11.07							Finish Rev. out
								Job over Pull Tbg
								39.30 SK in PIT
								.61 SK in G59
								10.05 SK in Perf
								50 SK Total

CONFIDENTIAL
ORIGINAL

 null
 AUG 11
CONFIDENTIAL
RELEASED

OCT 26 1995

FROM CONFIDENTIAL

 RECEIVED
 COMMISSION
AUG 12 1994
 CONSERVATION DIVISION
 WICHITA, KANSAS

 Made in writing
 77056



JOB SUMMARY

HALLIBURTON DIVISION

OKL City OKL

HALLIBURTON LOCATION

Liberal

BILLED ON TICKET NO.

622524

WELL DATA

FIELD _____ SEC. 32 TWP. 33S RNG. 30W COUNTY. STEPHENS STATE KS

FORMATION NAME L. MORROW TYPE _____
 FORMATION THICKNESS U FROM 6240 TO 6244
 INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE EZSU SET AT 6235
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH 6045.5

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	U	15.5	5 1/2	62	6455	
LINER						
TUBING	U	4.7	2 3/8	62	6235	
OPEN HOLE						SHOTS/FT.
PERFORATIONS				6240	6244	2
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER	<u>EZSU</u>	<u>5/2</u> <u>1</u> <u>Howco</u>
OTHER		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>7-2-94</u>	DATE <u>7-2-94</u>	DATE <u>7-2-94</u>	DATE <u>7-2-94</u>
TIME <u>04.00</u>	TIME <u>06.00</u>	TIME <u>08.20</u>	TIME <u>11.07</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Annstang</u> <u>44304</u>	<u>40090</u> <u>PU</u>	<u>LIBERAL</u>
<u>Bahannon</u> <u>87748</u>	<u>PU</u>	<u>LIBERAL</u>
<u>Boone</u> <u>47841</u>	<u>75374</u>	<u>LIBERAL</u>
<u>CORNELSON</u> <u>62569</u>	<u>PT</u>	<u>HUGOTON</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. none
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
 BREAKER TYPE _____ GAL.-LB. _____ IN
 BLOCKING AGENT TYPE _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

CONFIDENTIAL

OCT 26 1995

FROM CONFIDENTIAL

DEPARTMENT Tool

DESCRIPTION OF JOB

Squeeze Job

ORIGINAL

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

CUSTOMER REPRESENTATIVE

X [Signature]

HALLIBURTON OPERATOR

JV Annstang Jr.

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>50</u>	<u>Paceman</u>		<u>15</u>	<u>5/8 90 Hydrol-322</u>	<u>1.12</u>	<u>156</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

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

PRESLURRY: BBL. -GAL. 5.8 TYPE _____
 LOAD & BKDN: BBL. -GAL. _____ PAD: BBL. -GAL. _____
 TREATMENT: BBL. -GAL. _____ DISPL: BBL. -GAL. 17 1/4
 CEMENT SLURRY: BBL. -GAL. 10.5
 TOTAL VOLUME: BBL. -GAL. _____

REMARKS

CUSTOMER

statute to the extent
 made in writing
 is 7705

CUSTOMER Hudspeth Good
 LEASE Gregory
 WELL NO. C-2
 JOB TYPE Squeeze
 DATE 7-2-94

JOB LOG HAL-2013-C

CUSTOMER <i>Anadarko Petro Corp</i>	WELL NO. 2	LEASE <i>Gregory C</i>	JOB TYPE EZSV / STINGEE	TICKET NO. 677523
--	----------------------	---------------------------	-----------------------------------	-----------------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	05:00							Called out. Ready ASAP after Kraken
	06:35							Prep off STAG Guide / STINGEE (5 1/2 x 2 3/4")
	13:00							on location after the Kraken
	13:15							Setup TRK. Spool out for EZSV
	13:20							STINGEE TO EZSV; Hookup done
	13:43							Pump H ₂ O Injection Rate
	13:55	2	24			500		106 D shut in 2 bpm / 500 psi shut down
	13:55							mix 15% Mucos, 1% CFA-3, 4% D-Tre at 11.3% gal
	14:03							mix 15% Premium, 4% H ₂ O at 16.4 #/gal
	14:11	2						pump mixed matrix cement
	14:13	2	4					pump Premium Cement
	14:15	2						Start Displacement H ₂ O
	14:25	1 1/2	24			500		Finish Displacement, STING out, knock loss
	14:40		10					Ann kill at 6, Hookup to Ann
	14:45							pump 10 BBL Ann Kill Ann
	16:00							Tripout of hole with STAG Guide - STINGEE
								at hole
								Released

ORIGINAL CONFIDENTIAL

CONFIDENTIAL

WELL DATA

FIELD Geatzle REC 32 WP 335 RING 384 COUNTY STEVENS STATE KS

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE E2SU SET AT 6732
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	14	15.5	5 1/2	66		
UNION						
TUBING	4	4.7	7 3/8	66	1230	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALL TIME	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>7-14-94</u> TIME <u>05:00</u>	DATE <u>7-14-94</u> TIME <u>06:30</u>	DATE <u>7-14-94</u> TIME <u>13:00</u>	DATE <u>7-14-94</u> TIME <u>16:00</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>L.D. Grant</u> 84187	41325	<u>Liberal, KS</u>
<u>T. Johnson</u> 87748	40076	<u>" "</u>
<u>K. Boone</u> 47841	75374 P	<u>" "</u>
<u>C. Campbell</u> 62569	0-11, 40074	<u>Horton</u>
<u>M. Howe</u> F7343	4734	<u>Horton</u>

TOOLS AND ACCESSORIES

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

ORIGINAL

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 _____ GAL. IN.
 (AS API) _____ GAL. IN.
 FLOW LOSS ADD. _____ GAL. IN.
 SELLING AGENT _____ GAL. IN.
 FRIC. RED. AGENT _____ GAL. IN.
 BREAKER _____ GAL. LB.
 BLOCKER _____ GAL. LB.
 PERFPAC BALLS _____ QTY.
 OTHER _____
 OTHER _____

DEPARTMENT Tools / Cement
 DESCRIPTION OF JOB Run E2SU 1230' well
SPARKS only, 5' per inch

JOB DONE THRU: TUBING CASING ANNULUS WEL/ANNA

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR Larry D. Grant COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	WATER LB./SK.
<u>L</u>	<u>15</u>	<u>Mason Mix</u>		<u>8</u>	<u>1% Celcon 1, 1% Flok</u>	<u>1.5</u>	<u>15.2</u>
<u>T</u>	<u>15</u>	<u>Super</u>		<u>3</u>	<u>1.5% H-1 1-9</u>	<u>1.07</u>	<u>15.4</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAIL. _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT _____ PE _____
 LET _____ REASON _____

SUMMARY

PRESLUSH: BBL-GAL _____
 7 & BKON: BBL-GAL _____ PAD: BBL _____
 DISPL: BBL-GAL _____
 REMARKS

HALLIBURTON

HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

CHARGE TO:

Anadarko

ADDRESS

CITY, STATE, ZIP CODE

COPY

TICKET

No.

574968 - 9

PAGE

OF

1

2

1. SERVICE LOCATIONS 25540	WELL/PROJECT NO. C-2	LEASE GREGORY	COUNTY/PARISH STEVENS	STATE KS	CITY/OFFSHORE LOCATION	DATE 6-27-94	OWNER
2. 25525	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR BEST WELL SERVICES	RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO WELLSITE	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	WELL TYPE 01	WELL CATEGORY 02	JOB PURPOSE 205	WELL PERMIT NO.	WELL LOCATION		
INVOICE INSTRUCTIONS							

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
00-117					MILEAGE	10	mi	2	J	2.75	55.00
109-019					PROP CHG	6 1/2	hrs	3061	FL		1590.00
300-132					Body load	4	hrs	1	U	40.00	160.00
207-001	201-004				5 1/2% F.E. Me	500	gals			1.17	585.00
210-002					HAI-60	1	gals			26.50	26.50
018-315					Med Flush	500	gals			.65	325.00

RELEASED

JUL 26 1995

FROM CONFIDENTIAL

CONFIDENTIAL

ORIGINAL

RUC

AUG 11

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

DATE SIGNED

TIME SIGNED

 A.M.
 P.M.

SUB SURFACE SAFETY VALVE WAS:

 PULLED & RETURN PULLED OPEN

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

FROM CONTINUATION PAGE(S)

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE

2741.50

1100.00

3841.50

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

[Signature]

X [Signature]

[Signature]

48170

[Signature]

... are performed or
 ... is made ...
 ... Texas

HALLIBURTON

TICKET CONTINUATION

FIELD COPY
118 PC

TICKET No. 511768

CUSTOMER APC WELL Gregory DATE 6-27-94 PAGE OF

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-118					Halliburton Lightm Cement	100	sk			8.90	890.00
504-043	516.00282					65					
506-105	516.00286					2500					
506-121	516.00259					5					
CONFIDENTIAL RELEASED OCT 26 1995 FROM CONFIDENTIAL NUC AUG 11 CONFIDENTIAL ORIGINAL											
500-20-7					SERVICE CHARGE						
500-306											
					MILEAGE CHARGE						
					TOTAL WEIGHT	9,222					
					LOADED MILES	10					
					CUBIC FEET	100				1.35	135.00
					TON MILES	46.11				.95	75.00

No. B 262542

CONTINUATION TOTAL 1105.00

JOB LOG FORM 2013 R-4

CUSTOMER		WELL NO.	LEASE	JOB TYPE		TICKET NO.		
<u>HARADARK</u>		<u>C-2</u>	<u>CATEGORY</u>	<u>amt. P.O. tool (205)</u>		<u>574968</u>		
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
				T	C			
	0500							Called-out — Reg. 0900
	0845							OK Loc. — T.I.H.
	0947		1			0/1000		PRESS. test
	0949					90%		RELEASE PRESS.
								OPEN tool
	0959		20			0/600		Pump H ₂ O
	1006	1-2	20					Shut down — tighten head
						0/1700		Pump H ₂ O — Shut down. — tool closed
								OPEN tool
	1013	3-5				0/250		Pump H ₂ O
			20					Pump Mtd Flush
			20			250		Pump H ₂ O
	1025	4-5				500/250		Pump cont @ 12.7 lb/gal
	1032		11			250/1000		Pump Displ. — H ₂ O
	1036	4-0				600%		Shut down. — Close tool
	1138					0/400		PRESS test
	1139					800%		RELEASE PRESS.
								RUN 1 jti
	1146	2	16			0/500	0/500	REVERSE out — 2 bbls cont. to pit
	1154						100%	Shut down.
								T.I.H.
	1246	0-4	12			0/1100		Pump Acid — 7 1/2% FE
	1249	4				1100		Pump H ₂ O
	1329	4-0				1100%		Shut down.

CONFIDENTIAL

NOL

AUG 11

CONFIDENTIAL

RELEASED

OCT 26 1995

FROM CONFIDENTIAL

ORIGINAL



HALLIBURTON

JOB SUMMARY

DIVISION HALLIBURTON LOCATION

LIBERTY KS

BILLED ON TICKET NO. 574968

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY STEVENS STATE OK

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	✓	15.5	5 1/2	GL	3091	
LINER						
TUBING			2 3/8	KB	3061	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER <u>F.O. Tool</u>		<u>B Well Tech</u>
OTHER		

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>6-29-94</u>	DATE <u>6-29-94</u>	DATE <u>6-29-94</u>	DATE <u>6-29-94</u>
TIME <u>0500</u>	TIME <u>0845</u>	TIME <u>0959</u>	TIME <u>1329</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Payer</u>	<u>40048</u>	<u>Liberty KS</u>
	<u>#48120</u>	
<u>T. Davis</u>	<u>76900</u>	<u>" "</u>
	<u>#4550</u>	<u>ADA</u>
<u>R. Abla</u>	<u>3801</u>	<u>" "</u>
	<u>#55726</u>	<u>Body load</u>
<u>R. Garrison</u>	<u>75505</u>	<u>" "</u>
	<u>#62929</u>	<u>Bulk Hugotank</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ **RELEASED**

DISPL. FLUID _____ DENSITY _____ **LB/GAL-API**

PROP. TYPE _____ SIZE _____ **LB**

PROP. TYPE _____ SIZE _____ **OGI 2-6-1995**

ACID TYPE F.E. GAL 500 % 7 1/2 %

ACID TYPE _____ GAL _____ % _____

ACID TYPE _____ GAL _____ % _____

SURFACTANT TYPE _____ GAL _____ IN _____

NE AGENT TYPE _____ GAL _____ IN _____

FLUID LOSS ADD. TYPE _____ GAL-LB. NONE IN _____

GELLING AGENT TYPE _____ GAL-LB. _____ IN _____

FRIC. RED. AGENT TYPE _____ GAL-LB. AUG 19 IN _____

BREAKER TYPE _____ GAL-LB. _____ IN _____

BLOCKING AGENT TYPE _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

CONFIDENTIAL

DEPARTMENT 5001

DESCRIPTION OF JOB Cont F.O. tool - clean up

well - 7 1/2 % F.E.

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X [Signature]

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>100</u>	<u>Hall H</u>		<u>R</u>		<u>1.84</u>	<u>12.7</u>

ORIGINAL

PRESSURES IN PSI _____ SUMMARY _____ VOLUMES _____

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL-GAL. 20-20-20 TYPE H2-MF-H2O

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

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. 11

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL-GAL. 32

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS

AVERAGE RATES IN BPM _____ REVERSE out 2 bbls

TREATING _____ DISPL _____ OVERALL _____ Plus 7 1/2 % F.E. to packle

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

CUSTOMER: HALLIBURTON LEASE: LIBERTY KS WELL NO: 1-19 JOB TYPE: OWT 100. Tool DATE: 6-29-94

CHARGE TO:

Amadarko Prod. Corp.

ADDRESS

PO Box 351

CITY, STATE, ZIP CODE

Liberal KS 67901

COPY

TICKET

No.

677145 - 7

PAGE 1 OF 2

FORM 1906 R-13

1. <i>Liberal KS</i>	WELL/PROJECT NO. <i>C-2</i>	LEASE <i>Gregory</i>	COUNTY/PARISH <i>Stevenson</i>	STATE <i>KANSAS</i>	CITY/OFFSHORE LOCATION	DATE <i>04/20/94</i>	OWNER
2. <i>Hugoton KS</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR <i>G.J.</i>	RIG NAME/NO. <i>#12</i>	DELIVERED TO <i>Location</i>	ORDER NO.	
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

RELEASED
 AUG 26 1995
 FROM CONFIDENTIAL

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOG	ACCT.	DF							
<i>000-117</i>					MILEAGE	<i>20</i>	<i>Mi</i>	<i>1</i>	<i>unit</i>	<i>2.75</i>	<i>55</i>
<i>001-016</i>					<i>Pump Charge</i>	<i>1734</i>	<i>FT</i>	<i>6</i>	<i>hr</i>		<i>1220</i>
<i>030-018</i>					<i>SW Top Plug</i>	<i>8 5/8</i>	<i>in</i>	<i>1</i>	<i>ea</i>		<i>130</i>
<i>12A</i>	<i>875.217</i>				<i>Guide shoe</i>	<i>8 5/8</i>	<i>in</i>	<i>1</i>	<i>ea</i>		<i>216</i>
<i>24A</i>	<i>815.19502</i>				<i>Insert float</i>	<i>8 5/8</i>	<i>in</i>	<i>1</i>	<i>ea</i>		<i>171</i>
<i>27</i>	<i>815.19415</i>				<i>Fillup</i>	<i>8 5/8</i>	<i>in</i>	<i>1</i>	<i>ea</i>		<i>55</i>
<i>40</i>	<i>806.60054</i>				<i>5-4 Centralizers</i>	<i>8 5/8</i>	<i>in</i>	<i>3</i>		<i>22</i>	<i>56</i>
<i>320</i>	<i>806.70060</i>				<i>Cent. Basket</i>	<i>8 5/8</i>	<i>in</i>	<i>1</i>	<i>ea</i>		<i>122</i>
<i>350</i>	<i>890.10802</i>				<i>weld A</i>	<i>1</i>	<i>lb</i>				<i>14.50</i>

AUG 11
 CONFIDENTIAL

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: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN				SURVEY		<input type="checkbox"/> AGREE	<input type="checkbox"/> UN-DECIDED	<input type="checkbox"/> DIS-AGREE	PAGE TOTAL <i>2049</i>
CUSTOMER OR CUSTOMER'S AGENT SIGNATURE <input checked="" type="checkbox"/> <i>Terry Lewis</i>				TYPE LOCK		DEPTH		OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?		FROM CONTINUATION PAGE(S) <i>86 11</i>			
DATE SIGNED				TIME SIGNED		BEAN SIZE		SPACERS		WE UNDERSTOOD AND MET YOUR NEEDS?			
<input type="checkbox"/> A.M. <input type="checkbox"/> P.M.				TYPE OF EQUALIZING SUB.		CASING PRESSURE		OUR SERVICE WAS PERFORMED WITHOUT DELAY?		WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered				TUBING SIZE		TUBING PRESSURE		WELL DEPTH		ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO		SUB-TOTAL	
				TREE CONNECTION		TYPE VALVE		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND		APPLICABLE TAXES WILL BE ADDED ON INVOICE <i>10.60</i>			

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>Terry Lewis</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <input checked="" type="checkbox"/> <i>Terry Lewis</i>	HALLIBURTON OPERATOR/ENGINEER <i>Ronald C. ...</i>	EMP # <i>...</i>	HALLIBURTON APPROVAL
---	--	---	---------------------	----------------------

WELL DATA

FIELD _____ SEC 32 TWP. 33 RNG. 38 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	N	24"	4.88	KB	1794	
LINER						
TUBING						
OPEN HOLE			12 1/4"	76	1750	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>Edson 8 1/2</u>	1	H
FLOAT SHOE <u>Fillup</u>	1	
GUIDE SHOE		0
CENTRALIZERS <u>54</u>	3	
BOTTOM FLUG		W
TOP PLUG <u>5w</u>	1	
HEAD	1	C
RAMMER <u>Hawco Weld A</u>	1	
OTHER <u>Cement Basket</u>	1	0

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>042094</u>	DATE <u>043094</u>	DATE <u>112094</u>	DATE <u>112094</u>
TIME <u>0815</u>	TIME <u>0430</u>	TIME <u>1141</u>	TIME <u>1155</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Broadbent</u>	<u>38242</u>	<u>Liberal</u>
<u>D. 4604</u>	<u>114</u>	<u>"</u>
<u>R. Crist</u>	<u>52947</u>	<u>"</u>
<u>D. 7653</u>	<u>75496</u>	<u>"</u>
<u>D. Capperling</u>	<u>PCMA</u>	<u>Hugoton</u>
<u>G. 3738</u>		<u>Ks</u>
<u>G. M. T. ...</u>	<u>4461</u>	<u>"</u>
<u>G. 3758</u>	<u>4612</u>	<u>BULK</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 _____

RELEASED
 OCT 26 1995
CONFIDENTIAL

FROM CONFIDENTIAL
 DEPARTMENT Cement
 DESCRIPTION OF JOB 8 1/2" Surface Pipe
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X Terry Sessis
 HALLIBURTON OPERATOR Ronald Crist COPIES REQUESTED 2

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	615	"H" 50/50 Pz		B	4% Total Gel, 7% C.G.	1.44	13.5
	200	"H"		B	7% C.G.	1.01	16.4

ORIGINAL

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESURUSH: BBL.-GAL. _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 1085
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 15866, 21 TC
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 43 REASON Shoe Joint
REMARKS
30 bbls. CMT To P.T.
117 SKs To P.T.

DATE: 04-20
 TICKET NO.: 67714

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Anadarko		C-2		Gregory				67714	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	0615								Called out Ready to
	0930								on location still drilling
	1410								Trip out of Hole
	1440								out of Hole
	1455								Start Running Casing
	1612								Hook up Head
	1622								Circuiting To
	1630								Hook up cement line
	1641		157			250			Start Lead Cmt 13.5 PPM
	1704		21			350			Start Tail Cmt
	1711		0			0			Shut Down Drop Plug
	1714		98.5			0-250			START Displacement
	1735		108.5			0-900			Slow Down Rate 108.5 Total
	1740		0			900			Plug landed -
	1745								Job Over

RELEASED

OCT 26 1995

FROM CONFIDENTIAL

 Thank you for calling
 Halliburton Energy Services
 Liberal KS

Ren, Tim, Dallas and Gary

 NUC
 AUG 1 1
 CONFIDENTIAL

CONFIDENTIAL

ORIGINAL



CHARGE TO: ANADARCO Petro Corp
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

COPY

TICKET WT

No. 682207 - 9

PAGE 1 OF 1

FORM 1908 R-13

SERVICE LOCATIONS 1. <u>Liberal</u>	WELL/PROJECT NO. <u>C-2</u>	LEASE <u>Gregory</u>	COUNTY/PARISH <u>STEVENS</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION <u>LOC</u>	DATE <u>7-29-95</u>	OWNER <u>APC</u>
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR <u>PATRICK</u>	RIG NAME/NO.	SHIPPED VIA <u>PC</u>	DELIVERED TO <u>Location</u>	ORDER NO.
3.	WELL TYPE <u>02</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>19:</u>	WELL PERMIT NO. <u>KS-129-21119</u>	WELL LOCATION <u>SEC 32-33S-38E</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT.	DF			U/M		U/M	
					MILEAGE					
<u>75-0500</u>					<u>Service Charge</u>	<u>1</u>		<u>900</u>	<u>°</u>	<u>900</u>
<u>75-7002</u>					<u>Depth for 5 1/2 c2su (0-6235)</u>	<u>235</u>		<u>67</u>	<u>°</u>	<u>15587.5</u>
<u>75-1100</u>					<u>PACK off</u>	<u>1</u>		<u>200</u>	<u>°</u>	<u>200</u>
CONFIDENTIAL RELEASED OCT 26 1995 FROM CONFIDENTIAL AUG 11 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 _____

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	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <u>2658</u>	
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					FROM CONTINUATION PAGE(S) <u>628</u>
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>1010</u>	
TREE CONNECTION	TYPE VALVE		ARE YOU SATISFIED WITH OUR SERVICE? <input 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) <u>Patrick</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X</u> _____	HALLIBURTON OPERATOR/ENGINEER <u>TRAC, G. F. ...</u>	EMP # <u>63418</u>	HALLIBURTON APPROVAL
---	--	---	-----------------------	----------------------



HALLIBURTON

HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

DUNCAN COPY

TICKET No. 677474

FORM 1911 R-10

CUSTOMER Anadarko	WELL Gregory C-2	DATE 7-2-94	PAGE 1	OF 1
-----------------------------	----------------------------	-----------------------	------------------	----------------

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-043	516.00272				Premium Cement	50	sk			9.82	491.00
507-775	516.00144				Halad-322	3	LB			7.00	21.00
CONFIDENTIAL											
ORIGINAL											
RELEASED											
OCT 26 1995											
FROM CONFIDENTIAL											
AUG 11 1995											
CONFIDENTIAL											
500-207					SERVICE CHARGE					1.35	67.50
500-306					MILEAGE CHARGE						7.50
					TOTAL WEIGHT	4703					
					LOADED MILES	11					
					CUBIC FEET	50					
					TON MILES						

No. B 262599

CONTINUATION TOTAL 654.50

WELL DATA

FIELD _____ SEC. *32* TWP. *33S* RNG. *25W* COUNTY *Stearns* STATE *ND*

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 P. ALLOWABLE
CASING	<i>1</i>	<i>155</i>	<i>5/8</i>	<i>0</i>	<i>1412</i>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

CONFIDENTIAL

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>5-2-94</i>	DATE <i>5-2-94</i>	DATE <i>5-2-93</i>	DATE <i>5-2-93</i>
TIME <i>01:00</i>	TIME <i>04:15</i>	TIME <i>07:30</i>	TIME <i>10:45</i>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <i>5/8</i>		<i>Hallb</i>
CENTRALIZERS <i>1</i>		<i>Hallb</i>
BOTTOM PLUG		
TOP PLUG <i>5/8</i>		<i>Hallb</i>
HEAD		
PACKER		
OTHER <i>well bit</i>		<i>Hallb</i>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>K. Bease</i>	<i>4794</i>	<i>L. Neal</i>
<i>A. Tale</i>	<i>20568</i>	<i>"</i>
<i>M. Lewis</i>	<i>62896</i>	<i>Hugoton</i>

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 _____

RELEASED
OCT 26 1995

FROM CONFIDENTIAL

DEPARTMENT *Support*
 DESCRIPTION OF JOB *Support 640 at 5/8 AS vs*
 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
 CUSTOMER REPRESENTATIVE *X Terry Lewis*
 HALLIBURTON OPERATOR *K Bease* COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>50</i>	<i>65/35 P32</i>		<i>5</i>	<i>1/2 Flocc, 6% Col</i>	<i>1.33</i>	<i>10.0</i>
	<i>155</i>	<i>70 set</i>		<i>6</i>	<i>1/2 Flocc, 5% Col</i>	<i>1.43</i>	<i>14.4</i>

ORIGINAL

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 *shoe bit*

SUMMARY

PRESLUSH: BBL.-GAL. *20-20* TYPE *1-2-1-1*
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL.: BBL.-GAL. *152*
 CEMENT SLURRY: BBL.-GAL. *16-47*
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

on is made in Texas
 of state statute to the effect that
 printed or
 LEASE
 WELL NO.
 JOB TYPE
 DATE *5-2-94*