

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

API NO. 15- \_\_\_\_\_ 129-21347 - **6000**

County MORTON

NW - NW - SE - SE Sec. 21 Twp. 32S Rge. 41 **(X)**

1250 Feet from **(S)**X (circle one) Line of Section

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

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

Lease Name BLAKE 'A' Well # 1

Field Name HUGOTON

Producing Formation NONE-DRY

Elevation: Ground 3385.9 KB --

Total Depth 2420 PBDT 2346

Amount of Surface Pipe Set and Cemented at 775 Feet

Multiple Stage Cementing Collar Used? Yes **(X)** No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan **ACT 1 DSA**  
(Data must be collected from the Reserve Pit) **DPW 5-14-96**

Chloride content 2500 ppm Fluid volume 400 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite: **KCC**

Operator Name **RELEASED** **MAY 31**

Lease Name \_\_\_\_\_ License No. **CONFIDENTIAL**

**JUN 14 1996** Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County **FROM CONFIDENTIAL** Docket No. \_\_\_\_\_

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: NONE-DRY

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: NORSEMAN DRILLING

License: 3779

Wellsite Geologist: NA

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.

Gas  ENHR  SIGW

Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back \_\_\_\_\_ PBDT

Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

1-21-95 2-3-95 3-14-95  
Spud Date Date Reached TD Completion Date

**ORIGINAL**

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature L. Marc Harvey  
Title DRILLING TECHNICAL ASSISTANT Date 5-31-95

Subscribed and sworn to before me this 31st day of May, 1995.

Notary Public Freda L. Hinz

Date Commission Expires \_\_\_\_\_

**FREDA L. HINZ**  
Notary Public - State of Kansas  
My Appl. Expires 5-15-99

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)

Form ACO-1 (7-91) RECEIVED  
STATE CORPORATION COMMISSION

**JUN 01 1995**  
**6-1-1995**  
CONSERVATION DIVISION  
WICHITA, KANSAS

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name BLAKE 'A' Well # 1

Sec. 21 Twp. 32S Rge. 41  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  Yes  No  
 (Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run: CCL-CBL-GR, DIL, CNL-LDT, MSFL, NGR.

Log  Sample

Name	Top	Datum
KRIDER	2149	
WINFIELD	2191	
TOWANDA	2255	
FT. RILEY	2331	

ORIGINAL

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	775	65/35 POZMIX/CLASS C	195/120	6% GEL, 2%CC, 1/4#/SX FLOC./2%CC, 1/4#/SX LOC.
PRODUCTION	7-7/8	5-1/2	15.5	2398	PREM PLUS LT/ PREM PLUS	130/100	2%CC, 1/4#/SX FLC /10%EA2, 1%CC, .6% HALAD322, 15%SALT 1/4#/SX FLOCELE-

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
4	2190-2200	ACID: 500GAL 7-1/2% FEHCL. FRAC: 3000GAL 25# LNR GLD 2% KCL WTR & 2000# 40/70 SD. FRAC: 8500GAL 25# LNR GLD 2% KCL WTR & 23000# 20/40 SD.

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

Estimated Production ** Oil Per 24 Hours	Bbls.	Gas Mcf	Water Bbls. (TESTED 21BBL/HR)	Gas-Oil Ratio	Gravity
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Disposition of Gas: \*\* Method of completion \*\* Production Interval \*\*

Vented  Sold  Used on Lease (If vented, submit ACO-18.)

Open Hole  Perf  Dually Comp.  Commingled

Other (Specify)

\*\*NONE-DRY

ORIGINAL

CONFIDENTIAL

NORSEMAN DRILLING, INC.  
WICHITA, KANSAS  
DRILLERS' WELL LOG

WELL NAME: BLAKE A-2  
SECTION 21-32S-41W  
MORTON COUNTY, KANSAS

API#15-129-21347

COMMENCED: JANUARY 31, 1995

COMPLETED: FEBRUARY 4, 1995

OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth From	To	Formation	Remarks
0	1083	Sand & Redbed	Ran 19 jts of 24#
1084	1230	Glorietta Sand	8 5/8" csg set @
1231	2264	Redbed & Shale	775'; w/195 SX of
2265	2426	Lime	65/35 "C" poxmix;
			6% Gel; 2% CC; 1/4#
			SX Flocele; Tailed
			w/120 SX "C"; 2%
			CC; 1/4# SX Flocele;
			Plug down at 5:00
			p.m. on 02/01/95.

RELEASED  
JUN 14 1996  
FROM CONFIDENTIAL  
CONFIDENTIAL

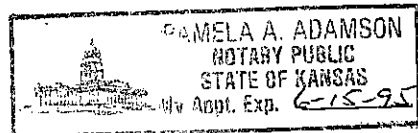
Ran 56 jts 5 1/2" 15.5#, Set @ 2397'; w/130 SX Premium Plus lite; 2% CC; 1/4# SX Flocele; Tailed w/100 SX Premium Plus EA-2; 1% CC; 0.6 Hallad; 15% Salt; 1/4# SX Flocele; Plug down at 8:45 p.m., on 02/04/95.

STATE OF KANSAS )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  
COUNTY OF SEDGWICK )records of this office.

NORSEMAN DRILLING, INC.  
*James P. Reilly*  
JAMES P. REILLY, PRESIDENT

Subscribed & sworn to before me this

February 7, 1995



My Appointment Expires:

June 15, 1995

*Pamela A. Adamson*  
Pamela A. Adamson, Notary Public  
340 Seville  
Wichita, KS 67209

RECEIVED  
STATE CORPORATION COMMISSION

JUN 01 1995

STATE CORPORATION COMMISSION

STATE CORPORATION COMMISSION  
STATE CORPORATION COMMISSION  
STATE CORPORATION COMMISSION

ORIGINAL

STATE CORPORATION COMMISSION



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Midcontinent Area  
Liberal, KS.

BILLED ON TICKET NO. 7060

WELL DATA  
FIELD HUGOKOR infill SEC. 21 TWP. 32S RNG. 11W COUNTY SEMPER STATE KS.

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

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>24</u>	<u>8 5/8</u>	<u>KIA</u>	<u>797</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## ORIGINAL

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>infill w/fin</u>	<u>1</u>	<u>H</u>
GUIDE SHOE <u>TY P944A</u>	<u>1</u>	<u>O</u>
CENTRALIZERS <u>S4</u>	<u>3</u>	
BOTTOM PLUG		<u>W</u>
TOP PLUG <u>5W</u>	<u>1</u>	
PACKER <u>COMPACT BASKAL</u>	<u>1</u>	<u>L</u>
OTHER		<u>O</u>

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2-1-95</u> TIME <u>7:30</u>	DATE <u>2-1-95</u> TIME <u>10:30</u>	DATE <u>2-1</u> TIME <u>1128</u>	DATE <u>2-1</u> TIME <u>1655</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>J. Woodrow</u> <u>62573</u>	<u>40048</u> <u>P.U.</u>	<u>Liberal</u> <u>KS.</u>
<u>T. Davis</u> <u>FH550</u>	<u>52276</u> <u>76900M</u> <u>120L</u>	<u>Liberal</u> <u>KS.</u>
<u>D. Hamilton</u> <u>G-3090</u>	<u>51984</u> <u>4515</u>	<u>Hugokor</u>

RELEASED

JUN 14 1996

NOV  
MAY 31  
CONFIDENTIAL

FROM CONFIDENTIAL  
DEPARTMENT Element  
DESCRIPTION OF JOB Element R5/8 Surface CS9  
JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.   
CUSTOMER REPRESENTATIVE X Job Shiner  
HALLIBURTON OPERATOR \_\_\_\_\_ COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>190</u>	<u>Prpm Plus L. 3/4"</u>		<u>B</u>	<u>2% CC, 1/4" # F10CLP</u>	<u>2.06</u>	<u>12.3</u>
<u>1</u>	<u>120</u>	<u>Prpm Plus</u>		<u>A</u>	<u>2% CC 1/4" # F10CLP</u>	<u>1.32</u>	<u>14.8</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 \_\_\_\_\_  
FEET 40 REASON SHOE JOINT

SUMMARY  
PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. (BBL) GAL. 47.1  
CEMENT SLURRY (BBL) GAL. 69.7 L.C. 28.2 T.C.  
TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_  
REMARKS MSDS sheets in dog house  
RECEIVED  
STATE CORPORATION COMMISSION  
JUN 01 1995

WELL NO. A-1  
JOB TYPE 5 5/8 SURFACE CS9  
DATE 2-1-95



# HALLIBURTON

JOB LOG HAL-2013-C

DATE

2-1-96

CUSTOMER

WELL NO.

LEASE

JOB TYPE

TICKET NO.

ANADARKO PET.

A-T

BLAKE

8 5/8 SURFACE

706061

CHART NO.

TIME

RATE (BPM)

VOLUME (BBL) (GAL)

PUMPS T C

PRESSURE (PSI) TUBING CASING

DESCRIPTION OF OPERATION AND MATERIALS

ORIGINAL

1100

JOB READY

0730

called out for job

1030

pump truck + bulk truck on location. Rig still drilling

1045

SET up pump truck

14.15

Rig through drilling

1430

TRIP OUT D.P.

15.15

start casing & float equipment

CASING ON BOTTOM 781ft

HOOK UP 8 5/8 P.C. & circulating line

1624

break circulation with Rig pump

1627

HOOK UP TO PUMP TRUCK

1628

7.5

70.0

✓

185

start lead crt. 17.3 1/941

1643

29.5

✓

170

start Tail crt 14.8 1/941

1645

79.5

Shut down drag, plug

1646

6.0

✓

125

start Displacement

Have 17 Displacement Returns to surface

1655

48.0

✓

650

plug down

Release float

MAY 31

float held

CONFIDENTIAL

Job over

RELEASED

JUN 14 1996

FROM CONFIDENTIAL

(Circulated 30 BBLs) 81 SAS ✓

THANK YOU!

Woody, Tyce + DANNY

CHARGE TO: Aradarko PA+  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

FORM 1908 R-13

SERVICE LOCATIONS 1. <u>25540</u> 2. <u>25535</u>	WELL/PROJECT NO. <u>A-1</u>	LEASE <u>Blake</u>	COUNTY/PARISH <u>Stevens</u>	STATE <u>LA</u>	CITY/OFFSHORE LOCATION <u>Richfield</u>	DATE <u>2-1-75</u>	OWNER <u>Aradarko Int</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>Norsman</u>	RIG NAME NO. <u>NORSEMAN #2</u>	SHIPPED TO <u>Loco</u>	DELIVERED TO <u>Location</u>	ORDER NO.	
3.	WELL TYPE <u>01</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>010</u>	WELL PERMIT NO.	WELL LOCATION <u>Land</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

RELEASED JUN 14 1996  
 FROM CONFIDENTIAL

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M.	QTY.	U/M.	UNIT PRICE	AMOUNT
		LOC	ACCT.	DF							
000-117		1			MILEAGE	2	EA	60	HR	2.75	330.00
001-016		1			PUMP CHARGE	751	FT	6	HR	890.00	890.00
030-018		1			5W TOP PLUG	1	EA	8 5/8	IN	130.00	130.00
16A	830.2171	1			Guide shoe	1	EA	8 5/8	IN	161.00	161.00
34A	815.19502	1			INSERT	1	EA	8 5/8	IN	171.00	171.00
27	815.19415	1			FILLUP	1	EA	8 5/8	IN	55.00	55.00
40	806.61048	1			CATALYZER	3	EA	8 5/8	IN	65.00	195.00
370	806.71460	1			BASKET	1	EA	8 5/8	IN	108.00	108.00
350	890.10802	1			WEID-A	1	TK			14.50	14.50

ORIGINAL

MAY 31 1975  
 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: X John Sheen

DATE SIGNED: \_\_\_\_\_ TIME SIGNED: \_\_\_\_\_  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	2054	50
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	<input checked="" type="checkbox"/>				FROM CONTINUATION PAGE(S)	4233	97
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	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	<input checked="" type="checkbox"/>					6287	97
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE		
<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>John Sheen</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X John Sheen</u>	HALLIBURTON OPERATOR/ENGINEER <u>John Anderson</u>	EMP # <u>62573</u>	HALLIBURTON APPROVAL
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# HALLIBURTON JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Mid Cont.  
Lizbeth, KS

BILLED ON TICKET NO. 706145

WELL DATA  
FIELD \_\_\_\_\_ SEC. 21 TWP. 32<sup>S</sup> RING. 41<sup>W</sup> 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 \_\_\_\_\_ SET AT \_\_\_\_\_  
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		15 <sup>S</sup>	5 1/2	163	2397	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**ORIGINAL**

### JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2-4</u>	DATE <u>2-4</u>	DATE <u>2-4</u>	DATE <u>2-4</u>
TIME <u>1300</u>	TIME <u>1545</u>	TIME <u>1930</u>	TIME <u>2030</u>

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
PROPAGATOR <u>Insert Flt 5/8</u>	<u>1</u>	<u>Hausco</u>
PROPAGATOR <u>Fillup</u>	<u>1</u>	
GUIDE SHOE <u>Ray</u>	<u>1/4</u>	
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER <u>Hausco A 1 1/2</u>	<u>1</u>	

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D. Lane</u>	<u>40075</u>	<u>Lizbeth, Ks</u>
<u>R. Edward</u>	<u>59179</u>	<u>Lizbeth, Ks</u>
<u>D. McIntyre</u>	<u>04360</u>	<u>Horton, Ks</u>
<u>D. G. Jones</u>	<u>52920</u>	<u>Horton, Ks</u>
<u>D. G. Jones</u>	<u>09704</u>	<u>Horton, Ks</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. **RELEASED**  
ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_  
NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_  
FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
OTHER \_\_\_\_\_  
OTHER \_\_\_\_\_

DEPARTMENT Cement  
DESCRIPTION OF JOB 5% Prod. Stagn  
JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
CUSTOMER REPRESENTATIVE X J. J. Starnes  
HALLIBURTON OPERATOR D. G. Jones COPIES REQUESTED \_\_\_\_\_

### CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>130</u>	<u>Prem Plus</u>	<u>17WT</u>		<u>2% CC 1/4# Flocc</u>	<u>2.05</u>	<u>12.3</u>
	<u>100</u>	<u>Prem Plus</u>	<u>EA2</u>		<u>10% EA2 1% CC 1/4# Flocc</u>	<u>1.53</u>	<u>15.0</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 \_\_\_\_\_  
REASON Shut in

### SUMMARY

PRESLUSH: BBL. 10 @ 29% (30) - mud fluid 10 @ 28% (11)  
LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL. 56.3  
CEMENT SLURRY: BBL.-GAL. 74.88  
TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

### REMARKS

CUSTOMER

CUSTOMER Anderson Elico Corp LEASE Blaine WELL NO. A 1 E JOB TYPE 5% Prod Stagn DATE 2-4-95

made in writing  
has 77056

5-R4

JOB LOG FORM 2013 R-4

CUSTOMER: *Amoco Petro.* WELL NO.: *A.1* LEASE: *Blake* JOB TYPE: *5% Pool Stray* TICKET NO.: *706145*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							Time Called
	1300							Time Ready
	1545							Time on loc. Piggy Down DP
	1830							Start Pump Casing
	1930							Casing in Hole
	1931							Hook up to Cretate Casing
	1936							Cretate Casing using Pump
	1937							Cretate Mud to Ground Level
	1945							Hook up to Pump Track
	1948	5	10			300		Start 2% KCl Blend
	1950	/	30			325		Start Mud Flush
	1956	/	10			350		Start 2% KCl Behind
	1958	5.0				350		Start Mine Cement
	2007	/	47.76			250		Start Tail Cement
	2012	/	27.42			300		Finish Mine Cement
	2013	/	74.88			300		Shut Pump
	2015	5				75		Start Replenish
		3.7	56.3					wash Pumps & Lines
	2030					750		Piggy Down
						1500		Float Hold
								Circulate Flood thru Job
								Thanks for Calling
								Halliburton Energy

RELEASED  
JUN 14 1996

FROM CONFIDENTIAL

MAY 31  
CONFIDENTIAL

STATE CORPORATION COMMISSION  
MAY 1995



CHARGE TO: *Amadeco Petroleum Corp.*  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

COPY \_\_\_\_\_ TICKET No. **706145 - 0** WP  
 PAGE 1 OF 1

FORM 1806 R-13

1. SERVICE LOCATIONS <i>25540 Lizardo Ks</i>	WELL/PROJECT NO. <i>A 1</i>	LEASE <i>Blake</i>	COUNTY/PARISH <i>Moreton</i>	STATE <i>Ks</i>	CITY/OFFSHORE LOCATION	DATE <i>2-14-95</i>	OWNER <i>Amadeco</i>
2. <i>25535 Hogston Ks</i>	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. <i>Waiseman 3<sup>rd</sup></i>	SHIPPED VIA <i>Loc</i>	DELIVERED TO	ORDER NO.
3.	WELL TYPE	WELL CATEGORY <i>03</i>	JOB PURPOSE <i>5 1/2 Prod String</i>	WELL PERMIT NO.	WELL LOCATION <i>SoF Richfield</i>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING	DESCRIPTION	QTY.	U/M	UNIT PRICE	AMOUNT
<i>000-117</i>			MILEAGE	<i>134</i>	<i>miles</i>	<i>2.75</i>	<i>368.50</i>
<i>001-016</i>			Pump charge	<i>2369</i>	<i>FT</i>		<i>1395.00</i>
<i>030-018</i>			5w Top Plug	<i>1</i>	<i>End</i>	<i>5/8 60.00</i>	<i>60.00</i>
<i>12 A 825-205</i>			Guide shoe	<i>1</i>	<i>Each</i>	<i>5/8 121.00</i>	<i>121.00</i>
<i>24 A 815-19251</i>			Insert Float	<i>1</i>		<i>110.00</i>	<i>110.00</i>
<i>27 815-19311</i>			Fill Up	<i>1</i>		<i>55.00</i>	<i>55.00</i>
<i>40 806-60022</i>			Centralizers	<i>14</i>	<i>End</i>	<i>60.00</i>	<i>840.00</i>
<i>350 890-10802</i>			Heavy weld A	<i>1</i>	<i>LS</i>	<i>14.50</i>	<i>14.50</i>
<i>314-163</i>			ChooFix II	<i>2</i>	<i>End</i>	<i>74.00</i>	<i>148.00</i>
<i>018-315</i>			17wd Flush	<i>1260</i>	<i>End</i>	<i>0.65</i>	<i>819.00</i>

**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 John Shoop*

DATE SIGNED: \_\_\_\_\_ TIME SIGNED: \_\_\_\_\_  
 A.M.  P.M.

I 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 \_\_\_\_\_

**CONFIDENTIAL**

RELEASED JUN 14 1996

FROM CONFIDENTIAL MAY 31 1996

**SURVEY**

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 *3831*

FROM CONTINUATION PAGE(S) *4103*

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) *John Shoop* CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) *John Shoop*

HALLIBURTON OPERATOR/ENGINEER *Dennis Cooper* EMP # *59179* HALLIBURTON APPROVAL

