

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

API NO. 15-189-22047 <sup>00-00</sup> ORIGINAL

County Stevens  
- SE - NW - NW Sec. 9 Twp. 34S Rge. 35 <sup>E</sup> X <sup>W</sup>

4030 FSL Feet from S/N (circle one) Line of Section  
4030 FEL Feet from E/W (circle one) Line of Section

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

Lease Name Dunlap A Well # 2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3016' KB -

Total Depth 2880' PBDT 2855'

Amount of Surface Pipe Set and Cemented at 742 Feet

Multiple Stage Cementing Collar Used? Yes X No

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

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

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

Drilling Fluid Management Plan Alt. 1, 2-24-98 UC  
(Data must be collected from the Reserve Pit)

Chloride content 1200 ppm Fluid volume 2300 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_

County \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator: License # 5447

Name: OXY USA Inc.

Address P. O. Box 300

City/State/Zip Tulsa, OK 74102-0300

Purchaser: PEPL

Operator Contact Person: Raymond Hui

Phone (918) 561-3548

Contractor: Name: Cheyenne Drilling Co.

License: 5382

Wellsite Geologist: \_\_\_\_\_

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. \_\_\_\_\_

4-12-96 4-22-96 7-2-96

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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

Signature Raymond Hui

Title \_\_\_\_\_ Analyst \_\_\_\_\_ Date 7-31-96

Subscribed and sworn to before me this 31st day of July, 1996.

Notary Public Karen Anne Wells

Date Commission Expires 9-22-96

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)

Operator Name OXY USA Inc. Lease Name Dunlap A Well # 2

Sec. 9 Twp. 34S Rge. 35  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.) See Attached

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run:  
Ran Cased Hole Log.

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
Hollenberg	2674	355
Herington	2704	325
Krider	2732	297
Winfield	2784	245

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	733	CL A	250	3% cc
Production	7 7/8"	5 1/2"	14	2863	CL A	430	3% cc

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used) Depth	
2	2676-2680; 2686-90; 2704-10;		Acidized w/1700 gal 7 1/2% HCL	
	2755-58;		Frac'd w/30864 Borate gel.	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	2778'		<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. Pump Testing	Producing Method
7-5-96	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		140			

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval: 2676'  
2758'



HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: **Oxy USA**  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

DUNCAN COPY

TICKET

No. **921317-1**

RECEIVED  
 KANSAS CORP COMM

PAGE 1 OF 2

SERVICE LOCATIONS: 1. **LIBERAL KS 025540** 2. **HUGOTON KS 025535**  
 WELL/PROJECT NO.: **A-2** LEASE: **DUNN-LEAF** COUNTY/PARISH: **STEVENS** STATE: **KS** CITY/OFFSHORE LOCATION: **30 A 1:18** DATE: **4-15-96** OWNER: **SAME**  
 TICKET TYPE:  SERVICE  SALES NITROGEN JOB?  YES  NO CONTRACTOR: **CNEFFENNE DRIG** RIG NAME/NO.: **4\*** SHIPPED: **Pu** DELIVERED TO: **N/W LIBERAL** ORDER NO.: \_\_\_\_\_  
 WELL TYPE: **02** WELL CATEGORY: **01** JOB PURPOSE: **035** WELL PERMIT NO.: \_\_\_\_\_ WELL LOCATION: **9-345-35W**  
 REFERRAL LOCATION: \_\_\_\_\_ INVOICE INSTRUCTIONS: \_\_\_\_\_

PRICE REFERENCE	SECONDARY-REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117				40.5	MILEAGE	36	mi	1	UNIT	2.85	102.60
000-119				40.5	CREW MILEAGE	36	mi	1	UNIT	1.50	54.00
001-016				40.5	Pump CHARGE	2878	ft	6	HR		1455.00
030-016				40.5	5w Top-PLUG	5 1/2	IN	1	EA		60.00
12A	825.205			32	REGULAR GUIDE SHOE	"	"	"	"		121.00
24A	815.19251			32	INSERT FLOAT	"	"	"	"		110.00
27	815.19311			32	FILLUP	"	"	"	"		69.00
40	806.60022			32	CENTRALIZERS	"	"	10	EA	60.00	600.00
320	806.71430			32	CEMENT-BASKET	"	"	1	EA		104.00
218-517				32	SSO-21.M	PER	GAL	3	GAL	27.50	82.50
314-163				32	CHA FIX II	"	"	"	"	28.00	84.00

**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.

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

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

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

SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

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

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

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

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	2842	10
FROM CONTINUATION PAGE(S)	9029	12
	7172.02	
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	11871	22

**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): **Cal Wyl...** CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): **X**  
 HALLIBURTON OPERATOR/ENGINEER: **Jim Broadfoot** EMP #: **44604** HALLIBURTON APPROVAL: **J. Broadfoot 40.5\***

## TERMS AND CONDITIONS

For good and valuable consideration received, Customer (as identified on the face of this document) and Halliburton Energy Services, a division of Halliburton Company (hereinafter "Halliburton") agree as follows:

A. **CUSTOMER REPRESENTATION** - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton.

B. **PRICE AND PAYMENT** - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

C. **RELEASE AND INDEMNITY** - CUSTOMER AGREES TO RELEASE HALLIBURTON GROUP FROM ANY AND ALL LIABILITY FOR ANY AND ALL DAMAGES WHATSOEVER TO PROPERTY OF ANY KIND OWNED BY, IN THE POSSESSION OF, OR LEASED BY, CUSTOMER AND THOSE PERSONS AND ENTITIES. CUSTOMER HAS THE ABILITY TO BIND BY CONTRACT. CUSTOMER ALSO AGREES TO DEFEND, INDEMNIFY, AND HOLD HALLIBURTON GROUP HARMLESS FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, COSTS, EXPENSES, ATTORNEY FEES AND DAMAGES WHATSOEVER FOR PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE AND LOSS RESULTING FROM:

LOSS OF WELL CONTROL; SERVICES TO CONTROL A WILD WELL WHETHER UNDERGROUND OR ABOVE THE SURFACE; RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES OR WATER; SURFACE DAMAGE ARISING FROM UNDERGROUND DAMAGE; DAMAGE TO OR LOSS OF THE WELL BORE; SUBSURFACE TRESPASS OR ANY ACTION IN THE NATURE THEREOF; FIRE; EXPLOSION; SUBSURFACE PRESSURE; RADIOACTIVITY; AND POLLUTION AND ITS CLEANUP AND CONTROL.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS WILL APPLY EVEN IF THE LIABILITY AND CLAIMS ARE CAUSED BY THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE, FAULT, OR STRICT LIABILITY OF ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, THE UNSEAWORTHINESS OF ANY VESSEL OR ANY DEFECT IN THE DATA, PRODUCTS, SUPPLIES, MATERIALS OR EQUIPMENT FURNISHED BY HALLIBURTON GROUP WHETHER IN THE DESIGN, MANUFACTURE, MAINTENANCE OR MARKETING THEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECT. "HALLIBURTON GROUP" IS DEFINED AS HALLIBURTON, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS. CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS APPLY WHETHER THE PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE OR LOSS IS SUFFERED BY ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, CUSTOMER, OR ANY OTHER PERSON OR ENTITY AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

D. **EQUIPMENT LIABILITY** - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton. Customer shall be responsible for damage to or loss of Halliburton equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton equipment damaged by corrosion or abrasion due to well effluents.

E. **LIMITED WARRANTY** - Halliburton warrants only title to the equipment, products, and materials supplied under this agreement and that same are free from defects in workmanship and materials for one year from date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to by Halliburton's negligence or fault. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. **GOVERNING LAW** - The validity, interpretation and construction of this agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. **WAIVER** - Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.

H. **MODIFICATIONS** - Customer agrees that Halliburton shall not be bound by any modifications to this agreement, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 5151 San Felipe, Houston, Texas 77056.



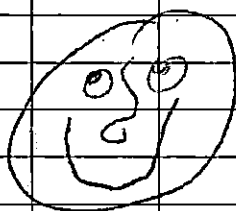
**JOB LOG** HAL-2013-C

CUSTOMER **OKY USA** WELL NO. **A-2** LEASE **DUNLAP** JOB TYPE **5 1/2 LONG STRING** TICKET NO. **921317**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

	1100							Called out - Ready 1500
	1430							on loc. - L.D.B.P.
	1745							START CSG. IN HOLE
	1850							hook up head to circulate
	1855							CIRCULATION TO PIT - SAFETY MEETING
	1910							hook up CMT LINE -
	1915	1.5	3			100		hook up CMT MH. 13#/GAL
	1917	-	-			-		SHUT OFF
	1925	1	4			100		hook up CMT RH. 13#/GAL
	1931	-	-			1300		SHUT OFF hook to main table <sup>lines</sup>
	1933	2	10			170		START MUD FLUSH
	1938	6.5	189			170		START LEAD CMT 11.1#/GAL
	2007	6.5	33			200		START TAIL CMT 13.2#/GAL
	2012	-	0			0		SHUT DOWN WASH UP - DROP PLUG.
	2015	6	60			210		START DISPLACEMENT H2O
	2025	2	10			625		SLOW RATE - (69.9 BBL TOTAL)
	2030					1350		PLUG LANDED. - FLOAT NELL
								Job over

5BBL CMT P.I.T - 9SKS



THANKS FOR CALLING.  
 HALLIBURTON ENERGY SERVICES  
 LIBERAL KS.  
 HAVE A GOOD DAY

BROADFOOT-CORNELSEN - BLAGRAVE  
 MERZ - TALIASERO

MSDS GIVEN TO CO MAN

RECEIVED  
 KANSAS CORP COMM  
 100 SEP 30 A 1: 18



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

MID CONTINENT  
LIBERAL KS.

BILLED ON TICKET NO. 921317

## WELL DATA

FIELD \_\_\_\_\_ SEC. 9 TWP. 34S RNG. 35W 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	14	5 1/2	KB	2880	
LINE PIPE	U	28	8 3/4	GL	741	
TUBING						
OPEN HOLE			7 7/8	741	2880	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-15-96</u>	DATE <u>4-15-96</u>	DATE <u>4-15-96</u>	DATE <u>4-15-96</u>
TIME <u>1100</u>	TIME <u>1430</u>	TIME <u>1910</u>	TIME <u>2030</u>

## TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>INSERT</u> <u>5 1/2</u>	<u>1</u>	<u>X</u>
FLOAT SHOE <u>REGULAR</u>	<u>1</u>	<u>0</u>
GUIDE SHOE <u>REGULAR</u>	<u>1</u>	<u>0</u>
CENTRALIZERS <u>S-4</u>	<u>10</u>	<u>W</u>
BOTTOM PLUG <u>5W</u>	<u>1</u>	<u>C</u>
TOP PLUG <u>NONCO WELD A "1LB"</u>	<u>1</u>	<u>0</u>
HEAD <u>CANVAS BASKET</u>	<u>1</u>	<u>0</u>
OTHER		

## MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API  
DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API  
PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN.  
NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN.  
FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.  
GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.  
FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.  
BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.  
BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
OTHER \_\_\_\_\_  
OTHER \_\_\_\_\_

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. BROADFOOT</u>	<u>420045</u>	<u>LIBERAL KS.</u>
<u>C. CORNELSEN</u>	<u>52947</u>	<u>"</u>
<u>B. BLAUGRAVE</u>	<u>420045</u>	<u>"</u>
<u>G. MERZ</u>	<u>4461</u>	<u>HUGOTON KS.</u>
<u>R. TALIASERRO</u>	<u>51984</u>	<u>"</u>

DEPARTMENT CEMENT

DESCRIPTION OF JOB CMT 5 1/2 LONGSTRINGS.

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

CUSTOMER REPRESENTATIVE

HALLIBURTON OPERATOR

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>330</u>	<u>MID CON PREM+</u>		<u>B</u>	<u>2% C.C. - 1/4" HOCELE</u>	<u>3.22</u>	<u>11.1</u>
<u>1</u>	<u>100</u>	<u>MID CON PREM+</u>		<u>B</u>	<u>2% C.C. - 1/4" HOCELE</u>	<u>1.84</u>	<u>13.2</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 14.85 REASON SHOE JT.

## SUMMARY

PRESLUSH: BBL.-GAL. 10 TYPE MUD FLASK  
LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. BBL.-GAL. 69.9  
CEMENT SLURRY (BBL.-GAL.) 189-33  
TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

## REMARKS

MISDS GIVEN TO CO MAN  
5866 CMT 9 SKS  
JOB WELL DONE NO ACCIDENTS

CUSTOMER OXY USA  
LEASE TULSA  
WELL NO. A-2  
JOB TYPE 5 1/2 LONGSTRINGS  
DATE 4-15-96



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: **ARX USA, Inc**  
 ADDRESS: **ARX USA, Inc**  
 CITY, STATE, ZIP CODE: **KANSAS 66201**

DUNCAN COPY

TICKET

No.

920042 - 2

PAGE 1 OF 2

RECEIVED  
 KANSAS 66201  
 SEP 30 11 50 AM '96

SERVICE LOCATIONS 1. <b>025546 Liberal</b>	WELL/PROJECT NO. <b>A-2</b>	LEASE <b>DOWLER</b>	COUNTY/PARISH <b>STEVENSON</b>	STATE <b>Ks</b>	CITY/OFFSHORE LOCATION <b>LOCATION</b>	DATE <b>4-12-96</b>	OWNER <b>Same</b>
2. <b>025535 Hugoton</b>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES	CONTRACTOR <b>CHEVREUIL Dala</b>	RIG NAME/NO. <b>#4</b>	SHIPPED VIA <b>HES</b>	DELIVERED TO <b>LOCATION</b>	ORDER NO.
3.	<input type="checkbox"/> SALES	<input checked="" type="checkbox"/> NO	WELL TYPE <b>02</b>	WELL CATEGORY <b>01</b>	JOB PURPOSE <b>010</b>	WELL PERMIT NO.	WELL LOCATION
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC.	ACCT	DF							
000-117		ORIGINA		405	MILEAGE	1	U	34	M	2.85	96.90
000-119					CREW MESSAGE	1	U	34	M	1.50	51.00
001-016					PUMP CHARGE	6	HR	750	FT		890.00
0301018					5 WIPER TOP PUG	8 1/2	IN	1	EA		130.00
41	806.61048			32	CENTRALIZERS	8 1/2	IN	3	EA	61.00	183.00
597	825-1269			32	FIBERGLAS BASKET PLATE	8 1/2	IN	1	EA		50.00
320	806-71460			32	CANNAS CMT BASKET	8 1/2	IN	1	EA		124.00
350	890.40802			32	HOWCO WELD-A	1	LB	1	EA		116.75

<b>LEGAL TERMS:</b> Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, <b>PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY</b> provisions.  MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.  <b>X</b> DATE SIGNED _____ TIME SIGNED _____ <input type="checkbox"/> A.M. <input type="checkbox"/> P.M. <input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		<b>SURVEY</b> AGREE UN-DECIDED DIS-AGREE			PAGE TOTAL FROM CONTINUATION PAGE(S) SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE
	TYPE/LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
	BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?			
	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) <b>X</b>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <b>ROBERT ELWOOD</b>	HALLIBURTON OPERATOR/ENGINEER <b>D. 4360</b>	EMP # <b>405</b>	HALLIBURTON APPROVAL <b>Orville</b>
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## TERMS AND CONDITIONS

For good and valuable consideration received, Customer (as identified on the face of this document) and Halliburton Energy Services, a division of Halliburton Company (hereinafter "Halliburton") agree as follows:

A. **CUSTOMER REPRESENTATION** - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton.

B. **PRICE AND PAYMENT** - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

C. **RELEASE AND INDEMNITY - CUSTOMER AGREES TO RELEASE HALLIBURTON GROUP FROM ANY AND ALL LIABILITY FOR ANY AND ALL DAMAGES WHATSOEVER TO PROPERTY OF ANY KIND OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER AND THOSE PERSONS AND ENTITIES; CUSTOMER HAS THE ABILITY TO BIND BY CONTRACT. CUSTOMER ALSO AGREES TO DEFEND, INDEMNIFY, AND HOLD HALLIBURTON GROUP HARMLESS FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, COSTS, EXPENSES, ATTORNEY FEES AND DAMAGES WHATSOEVER FOR PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE AND LOSS RESULTING FROM:**

LOSS OF WELL CONTROL; SERVICES TO CONTROL A WILD WELL WHETHER UNDERGROUND OR ABOVE THE SURFACE; RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES OR WATER; SURFACE DAMAGE ARISING FROM UNDERGROUND DAMAGE; DAMAGE TO OR LOSS OF THE WELL BORE, SUBSURFACE TRESPASS OR ANY ACTION IN THE NATURE THEREOF; FIRE; EXPLOSION; SUBSURFACE PRESSURE, RADIOACTIVITY, AND POLLUTION AND ITS CLEANUP AND CONTROL.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS WILL APPLY EVEN IF THE LIABILITY AND CLAIMS ARE CAUSED BY THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE, FAULT, OR STRICT LIABILITY OF ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, THE UNSEAWORTHINESS OF ANY VESSEL OR ANY DEFECT IN THE DATA, PRODUCTS, SUPPLIES, MATERIALS OR EQUIPMENT FURNISHED BY HALLIBURTON GROUP WHETHER IN THE DESIGN, MANUFACTURE, MAINTENANCE OR MARKETING THEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECT. "HALLIBURTON GROUP" IS DEFINED AS HALLIBURTON, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS. CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS APPLY WHETHER THE PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE OR LOSS IS SUFFERED BY ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, CUSTOMER, OR ANY OTHER PERSON OR ENTITY AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

D. **EQUIPMENT LIABILITY** - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton. Customer shall be responsible for damage to or loss of Halliburton equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton equipment damaged by corrosion or abrasion due to well effluents.

E. **LIMITED WARRANTY** - Halliburton warrants only title to the equipment, products, and materials supplied under this agreement and that same are free from defects in workmanship and materials for one year from date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to by Halliburton's negligence or fault. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. **GOVERNING LAW** - The validity, interpretation and construction of this agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. **WAIVER** - Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.

H. **MODIFICATIONS** - Customer agrees that Halliburton shall not be bound by any modifications to this agreement, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 5151 San Felipe, Houston, Texas 77056.



**JOB LOG** HAL-2013-C

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
Oxy U.S.A.	A-2	DUNLAP	8 5/8 SURFACE	920042

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	15:00							Called out Ready 19:00
	18:00							on loc Rig Dalq
	20:00							START CSQ
	20:00							CSQ on Bottom ORIGINAL
	21:10							Circulate with Rig / Scribe at 11:00
	21:27							Hook to Halliburton
	21:30					2,000		START PRESSURE TEST 2,000 P.S.I
	21:34		26.02			50		START LEAD CNT @ 11.1 #/gal
	21:45		23.5			50		START TAIL CNT @ 14.2 #/gal
	21:50					0		SHUT Down
	21:50					0		Down Plug
	21:51		43.7			0		START Dig? when Pumps & Lines
	22:04					200		Plug Down
	22:05					200		Close MINDFIELD
	22:05					0		RELEASE BACK
	22:10					0		Job Complete
	23:10							WAIT ON HEAD
4-13	01:15							LEFT LOCATION
								Circulated to P.I.U
								20 BRIS
								35 SKS
								THANK YOU FOR CALLING
								HALLIBURTON
								ROBERT & CREW

1996 SEP 30 11:18 AM  
 CUSTOMER SERVICE  
 HALLIBURTON



# JOB SUMMARY

HALLIBURTON DIVISION MED CONT.  
 HALLIBURTON LOCATION LIBERAL KS

BILLED ON TICKET NO. 920047

## WELL DATA

FIELD \_\_\_\_\_ SEC. 9 TWP. 34 RING. 35 COUNTY. STANLEY'S 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>U</u>	<u>22</u>	<u>2 3/8</u>	<u>K.B</u>	<u>742</u>	
LINER						
TUBING						
OPEN HOLE			<u>12 1/4</u>	<u>G.L.</u>	<u>750</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-12-96</u>	DATE <u>4-12-96</u>	DATE <u>4-12-96</u>	DATE <u>4-12-96</u>
TIME <u>15:00</u>	TIME <u>18:00</u>	TIME <u>21:30</u>	TIME <u>22:10</u>

## TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FEET-COLLAR <u>Fined Baffle</u>	<u>1</u>	<u>H</u>
FLOAT SHOE		<u>O</u>
GUIDE SHOE		<u>U</u>
CENTRALIZERS <u>S-4</u>	<u>3</u>	<u>C</u>
BOTTOM PLUG		<u>H O</u>
TOP PLUG <u>5-WIPED</u>	<u>1</u>	<u>O</u>
HEAD <u>QCPC</u>	<u>1</u>	<u>U</u>
PACKER <u>Harco Weld</u>	<u>1</u>	<u>C</u>
OTHER <u>Chinas Cont Packer</u>	<u>1</u>	<u>O</u>

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
<u>R. Elwood</u>	<u>4120041</u>	<u>LIBERAL KS</u>
<u>D. Mangano</u>	<u>P.U.</u>	<u>LIBERAL KS</u>
<u>J. Nantz</u>	<u>52276</u>	<u>"</u>
	<u>G. 1409</u>	<u>7131 (P)</u>
	<u>50866</u>	<u>"</u>
	<u>G. 3213</u>	<u>7649 (B) Liberal KS</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 \_\_\_\_\_  
 OTHER \_\_\_\_\_

DEPARTMENT 5001 CMT  
 DESCRIPTION OF JOB 8 3/4 SURFACE  
 JOB DONE THRU: TUBING  CASING  ANNULUS  TEBG./ANN.   
 CUSTOMER REPRESENTATIVE X  
 HALLIBURTON OPERATOR ROBERT ELWOOD  
 COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>150</u>	<u>MASON PP</u>		<u>B</u>	<u>3 1/2 C.C., 1/2 #/SK FLOCEL</u>	<u>3.22</u>	<u>11.1</u>
	<u>100</u>	<u>Prem. Plus</u>		<u>B</u>	<u>2 1/2 C.C., 1/4 #/SK FLOCEL</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 41.25 REASON SIDE JOINT

## SUMMARY

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL (BBL.-GAL.) 43.7  
 CEMENT SLURRY (BBL.-GAL.) 86.02 + 23.5  
 TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

## REMARKS

REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

CUSTOMER: D. S. A.  
 LEASE: Donna D.  
 WELL NO.: 1-7  
 JOB TYPE: 256 Surface  
 DATE: 4-12-96

RECEIVED  
 KANSAS CORP  
 APR 30 1996  
 1:19