

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

API NO. 15-129-21462-00 **ORIGINAL**
County Morton
-NW -SE - SE Sec. 23 Twp. 34S Rge. 41 X E
W

Operator: License # 5447

Name: OXY USA Inc.

Address P. O. Box 300

City/State/Zip Tulsa, OK 74102-0300

Purchaser: NN

Operator Contact Person: Raymond Hui

Phone (918) 561-3548

Contractor: Name: Cheyenne Drilling Co.

License: 5382

Wellsite Geologist: None

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 PBTD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

11-9-96 11-13-96 1-1-97

Spud Date 11-9-96 Date Reached TD 11-13-96 Completion Date 1-1-97

1250 FSL Feet from S (circle one) Line of Section

1250 FEL Feet from E (circle one) Line of Section

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

Lease Name Tucker B Well # 2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3422 KB _____

Total Depth 2617 PBTD 2671

Amount of Surface Pipe Set and Cemented at 481 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 10-13-97 JK
(Data must be collected from the Reserve Pit)

Chloride content 3200 ppm Fluid volume 1600 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled off-site
RECEIVED
KANSAS CORPORATION COMMISSION

Operator Name _____

Lease Name _____ License No. _____

Quarter 1 Sec. 23 **CONSERVATION DIVISION** Rge. 41 E/W

County Morton **WICHITA, KS** 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 Raymond Hui

Title Analyst Date 2-1-97

Subscribed and sworn to before me this 1st day of February, 1997.

Notary Public Loren Anne Wells

Date Commission Expires: 9-22-97

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)

Operator Name OXY USA Inc. Lease Name Tucker B Well # 2
 Sec. 23 Twp. 34S Rge. 41 East County Morton
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr> <td>Herrington</td> <td>2320</td> <td>1113</td> </tr> <tr> <td>Krider</td> <td>2340</td> <td>1093</td> </tr> <tr> <td>Winfield</td> <td>2376</td> <td>1057</td> </tr> <tr> <td>Towanda</td> <td>2462</td> <td>971</td> </tr> <tr> <td>Ft. Riley</td> <td>2512</td> <td>921</td> </tr> </tbody> </table>	Name	Top	Datum	Herrington	2320	1113	Krider	2340	1093	Winfield	2376	1057	Towanda	2462	971	Ft. Riley	2512	921
Name	Top		Datum																	
Herrington	2320		1113																	
Krider	2340		1093																	
Winfield	2376		1057																	
Towanda	2462	971																		
Ft. Riley	2512	921																		
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																			
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																			
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																			
List All E.Logs Run:	Ran Dual Induction Log DUAL SPACED NEUTRON																			

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	481	CL A	225	2%cc
Production	7 7/8"	5 1/2"	14	2656'	CL A	380	2%cc

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	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	2328-2380'	Acidized w/1600 gal 7 1/2% HCL	
		Frac'd w/41000 gal	

TUBING RECORD	Size 2 3/8"	Set At 2409	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. Pump Testing	1-1-97	Producing Method	<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
		157	12	

Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACO-18.) Other (Specify)

CUSTOMER COPY

INVOICE



HALLIBURTON

ORIGINAL

REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046

INVOICE NO.	DATE
107277	11/12/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
TUCKER B 2		MORTON		KS	GAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL		CEMENT PRODUCTION CASING		11/12/1996	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
659167	CAL WYLIE	E-24		COMPANY TRUCK	16444

DIRECT CORRESPONDENCE TO:

OXY USA INC.
P.O. BOX 2528
LIBERAL, KS 67905-2528

P O BOX 1598
LIBERAL KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING ROUND TRIP	104	MI	2.99	310.96
	DISCOUNT-(BID)	1	UNT	5 %	125.93-
000-119	MILEAGE FOR CREW	104	MI	1.60	166.40
	DISCOUNT-(BID)	40.5	%		67.39-
001-016	CEMENTING CASING	2600	FT	1,500.00	1,500.00
	DISCOUNT-(BID)	1	UNT	40.5 %	607.50-
030-016	CEMENTING PLUG 5W ALUM TOP	5.5	IN	60.00	60.00 *
	DISCOUNT-(BID)	1	EA	40.5 %	24.30-
12A 825.205	GUIDE SHOE - 5 1/2" BRD THD.	1	EA	121.00	121.00 *
	DISCOUNT-(BID)	32.0	%		39.72-
24A 815.19251	INSERT FLOAT VALVE - 5 1/2" BRD	1	EA	131.00	131.00 *
	DISCOUNT-(BID)	32.0	%		41.92-
27 815.19311	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	69.00	69.00 *
	DISCOUNT-(BID)	32.0	%		22.08-
40 806.60022	CENTRALIZER-5-1/2 X 7-7/8	10	EA		600.00 *
	DISCOUNT-(BID)	32.0	%		192.00-

RECEIVED
KANSAS CORPORATION COMMISSION
MAR 24 1997
CONSERVATION DIVISION
WICHITA, KS

P.M. [Signature]
Contract - Drill Well

***** CONTINUED ON NEXT PAGE *****

AFFIX JOB TKT

TERMS: 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 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.

FORM HAL-1900-F

CUSTOMER COPY



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
107277	11/12/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
TUCKER B 2		MORTON		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL			CEMENT PRODUCTION CASING		11/12/1996
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
659167	CAL WYLIE	E-26		COMPANY TRUCK	16444

ORIGINAL

DIRECT CORRESPONDENCE TO:

OXY USA INC.
P.O. BOX 2528
LIBERAL, KS 67905-2528

P O BOX 1598
LIBERAL KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
320 806.71430	BASKET-CMT-5 1/2 CSS X 17"OD- DISCOUNT-(BID)	1	EA	104.00	104.00 *
		32.0 %			33.28-
018-315	MUD FLUSH DISCOUNT-(BID)	500	GAL	.65	325.00
		40.5 %			131.62-
018-303	CLAYFIX II, PER GAL DISCOUNT-(BID)	3	GAL	28.00	84.00
		40.5 %			34.02-
218-517	S60-21M DISCOUNT-(BID)	3	GAL	30.25	90.75
		40.5 %			36.75-
313-394	RE-6 DISCOUNT-(BID)	1	LB	70.00	70.00
		40.5 %			28.35-
504-282	MIDCON-2 PREMIUM PLUS CEMENT DISCOUNT-(BID)	380	SK	16.76	6,368.80 *
		40.5 %			2,579.36-
507-210	FLOCELE DISCOUNT-(BID)	95	LB	1.65	156.75 *
		40.5 %			63.18
509-406	ANHYDROUS CALCIUM CHLORIDE DISCOUNT-(BID)	7	SK	40.75	285.25 *
		40.5 %			115.52-
500-207	BULK SERVICE CHARGE DISCOUNT-(BID)	419	CFT	1.35	565.65 *
		40.5 %			229.08-
500-306	MILEAGE CMTG MAT DEL OR RETURN DISCOUNT-(BID)	434.746	TMT	1.05	456.49 *
		40.5 %			184.87-

J.M. York
Comments - Drill Well

***** CONTINUED ON NEXT PAGE *****

AFFIX JOB TKT

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FORM HAL-1900-F

PAGE 1

CUSTOMER COPY



HALLIBURTON

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
107277	11/12/1996

ORIGINAL

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
TUCKER B 2		MORTON		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
LIBERAL				CEMENT PRODUCTION CASING	
				TICKET DATE	
				11/12/1996	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
659167	CAL WYLIE	E-26		COMPANY TRUCK	16444

DIRECT CORRESPONDENCE TO:

OXY USA INC.
P.O. BOX 2528
LIBERAL, KS 67905-2528

P O BOX 1598
LIBERAL KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	INVOICE SUBTOTAL				11,465.04
	DISCOUNT--(BID)				4,556.17-
	INVOICE BID AMOUNT				6,908.87
	*--KANSAS STATE SALES TAX				264.27
	*--LIBERAL CITY SALES TAX				53.94
	*--SEWARD COUNTY SALES TAX				80.90
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$7,307.98

I.M. Y
Cement - Drill Well

AFFIX JOB TKT

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FORM HAL-1900-F

CUSTOMER COPY



REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
106319	11/09/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
TUCKER B 2		MORTON		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	CHEYENNE	CEMENT SURFACE CASING		11/09/1996	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
659167	CAL WYLIE	E-26		COMPANY TRUCK	16444

ORIGINAL

OXY USA INC.
P.O. BOX 2528
LIBERAL, KS 67905-2528

DIRECT CORRESPONDENCE TO:
P O BOX 1593
LIBERAL KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	104 MI		2.99	310.96
	DISCOUNT-(BID)	1 UNT			
		40.5 %			125.93-
000-119	MILEAGE FOR CREW	104 MI		1.60	166.40
	DISCOUNT-(BID)	1 UNT			
		40.5 %			67.39-
001-016	CEMENTING CASING	481 FT		650.00	650.00
	DISCOUNT-(BID)	1 UNT			
		40.5 %			268.25-
030-018	CEMENTING PLUG SW, PLASTIC TOP	8 5/8 IN		130.00	130.00 *
	DISCOUNT-(BID)	1 EA			
		40.5 %			52.65-
41	CENTRALIZER - 8-5/8 X 12-1/4	3 EA		61.00	183.00 *
806.61048	DISCOUNT-(BID)				
		32.0 %			58.56-
597	BAFFLE PLATE - 8 5/8" ALUM	1 EA		50.00	50.00 *
825.1269	DISCOUNT-(BID)				
		32.0 %			16.00-
320	BASKET-CMT-8 5/8 CSG X 21"-SLP	1 EA		124.00	124.00 *
806.71460	DISCOUNT-(BID)				
		32.0 %			39.68-
350	HALLIBURTON WELD-A	1		16.75	16.75 *
890.10802	DISCOUNT-(BID)				
		32.0 %			5.36-

Handwritten signature and note: "M. Up... Cement Drill Well"

***** CONTINUED ON NEXT PAGE *****

AFFIX JOB TKT

TERMS: 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 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.

FORM HAL-1800-F

CUSTOMER COPY



HALLIBURTON ORIGINAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
106319	11/09/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
TUCKER B 2		MORTON		KS	SAME
SERVICE LOCATION	CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL	CHEYENNE		CEMENT SURFACE CASING		11/09/1996
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
659167	CAL WYLIE	E-26		COMPANY TRUCK	16444

DIRECT CORRESPONDENCE TO:

OXY USA INC.
P.O. BOX 2528
LIBERAL, KS 67905-2528

P O BOX 1598
LIBERAL KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
001-018	CEMENTING CASING - ADD HRS	3	HR	260.00	780.00
	DISCOUNT-(BID)	1	UNT		
		40.5	%		315.90
504-050	CEMENT - PREMIUM PLUS	100	SK	13.12	1,312.00 *
	DISCOUNT-(BID)	40.5	%		531.36
504-282	MIDCON-2 PREMIUM PLUS CEMENT	125	SK	16.76	2,095.00 *
	DISCOUNT-(BID)	40.5	%		848.47
507-210	FLOCELE	88	LB	1.65	145.20 *
	DISCOUNT-(BID)	40.5	%		58.80
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	40.75	203.75 *
	DISCOUNT-(BID)	40.5	%		82.51
500-207	BULK SERVICE CHARGE	247	CFT	1.35	333.45 *
	DISCOUNT-(BID)	40.5	%		135.04
500-306	MILEAGE CMTG MAT DEL OR RETURN	254.242	TMI	1.05	266.95 *
	DISCOUNT-(BID)	40.5	%		108.11
INVOICE SUBTOTAL					6,767.46
DISCOUNT-(BID)					2,709.01
INVOICE BID AMOUNT					4,058.45
*-KANSAS STATE SALES TAX					143.25
*-LIBERAL CITY SALES TAX					29.22
*-SEWARD COUNTY SALES TAX					43.85
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$4,274.78

*P.M. U...
Cement Drill Well*

AFFIX JOB TKT

TERMS: 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 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.

FORM HAL-1900-F

PAGE:



HALLIBURTON ENERGY SERVICES
HAL-1906-P

CHARGE TO: Oxy USA Inc.
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

CUSTOMER COPY

TICKET

No.

107277 - 5

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>25540 Linn Co. Ks</u> 2. <u>25535 Hays Co. Ks</u> 3. 4.	WELL/PROJECT NO. <u>2</u>	LEASE <u>Tucklow B</u>	COUNTY/PARISH <u>Morton</u>	STATE <u>Ks</u>	CITY/OFFSHORE LOCATION	DATE <u>11-12-96</u>	OWNER <u>Oxy USA</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>Agave Oil?</u>	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO <u>Loc</u>	ORDER NO.	
WELL TYPE	WELL CATEGORY <u>02 01</u>	JOB PURPOSE <u>635 5 1/2 Prod Stng</u>	WELL PERMIT NO.	WELL LOCATION <u>W of Pella Ks</u>			
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117					MILEAGE	104	mi			2.99	310.96
000-119					Crew Mileage	104	mi			1.60	166.40
031-016					Pump charge	26	FT				1500.00
035-016					5w Top Pkg	1	Eod	5%		60.00	60.00
12A	825-205				Guide Shoe	1	EOL	5%		121.00	121.00
24A	815-19251				Turret Float	1				131.00	131.00
27	815-19311				Filling	1				69.00	69.00
40	806-60022				Control valves	10				60.00	600.00
320	806-71430				Bracket	1				104.00	104.00
018-315					Mel Pt. 1	500	8 1/2			65	325.00

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.

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

DATE SIGNED 11/12/96 TIME SIGNED _____
 A.M.
 P.M.
 do do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	3387.36
FROM CONTINUATION PAGE(S)	8074.68
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <u>PAC UYCTE</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X [Signature]</u>	HALLIBURTON OPERATOR/ENGINEER <u>LID102 Dennis Gove</u>	EMP # <u>59179</u>	HALLIBURTON APPROVAL
---	--	--	-----------------------	----------------------

TERMS AND CONDITIONS

(12951)

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 not recovered, or is irreparable, Customer shall pay the replacement cost, unless such loss is caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, this agreement will constitute Customer's written agreement under 10 CFR Sec. 39.15 (a) that Customer shall be responsible for meeting all requirements of 10 CFR Sec. 39.15 and any other applicable laws or regulations concerning retrieval, monitoring, decontamination and abandonment, and Customer shall permit Halliburton to observe the recovery or abandonment efforts; all without risk or expense 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.

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JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

11/16/77
Leland, K

BILLED ON TICKET NO. 107877

WELL DATA
FIELD: 1 SEC: 23 TWP: 34N RNG: 42W COUNTY: Monte STATE: K

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		11.3	5 1/2	11.8	7.76	
LINER						
TUBING						
OPEN HOLE					71.2	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE: <u>11-11</u>	DATE: <u>11-12</u>	DATE: <u>11-12</u>	DATE: <u>11-12</u>
TIME: <u>7:00</u>	TIME: <u>0015</u>	TIME: <u>0530</u>	TIME: <u>0910</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>3 1/2" 11.875</u>	<u>1</u>	<u>Hucor</u>
FLOAT SHOE <u>11.875</u>	<u>1</u>	<u>Hucor</u>
GUIDE SHOE		
CENTRALIZERS	<u>10</u>	
BOTTOM PLUG		
TOP PLUG	<u>1</u>	
HEAD		
PACKER		
OTHER <u>Ball</u>	<u>1</u>	

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Steve</u>	<u>142041</u>	<u>Leland, K</u>
<u>Ch</u>	<u>52934</u>	<u>Leland, K</u>
<u>B. M. T. Jones</u>	<u>2001</u>	<u>Monte, K</u>
<u>E. P. Jones</u>	<u>5075</u>	<u>Monte, K</u>

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 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. _____
PERFAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

DEPARTMENT: Concrete
DESCRIPTION OF JOB: 5% Brack. Stop
JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
CUSTOMER REPRESENTATIVE: [Signature]
HALLIBURTON OPERATOR: [Signature] COPIES REQUESTED: _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>100</u>	<u>Mud</u>	<u>P+</u>		<u>2% Cellulose Floc</u>	<u>3.33</u>	<u>11.1</u>
	<u>100</u>	<u>Mud</u>	<u>P+</u>		<u>2% Cellulose Floc</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 _____ REASON: Shut-in

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. 7000 TYPE: 11.875
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL.: BBL.-GAL. 69.51
CEMENT SLURRY: BBL.-GAL. 193.34
TOTAL VOLUME: BBL.-GAL. _____

REMARKS

RETAIN

CUSTOMER: _____
LEASE: _____
WELL NO.: _____
JOB TYPE: _____
DATE: 11-12-77

JOB LOG: HAL-2013-C

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
<u>Quinta Tru</u>		<u>2</u>		<u>TruKee</u>		<u>SK Bond Steig</u>		<u>107277</u>	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	<u>2300</u>								<u>Time Collect</u>
	<u>2100</u>								<u>Time Ready</u>
	<u>1915</u>								<u>Time on loc.</u>
	<u>2345</u>								<u>Start Pumping Cement</u>
	<u>2522</u>								<u>Casing in Hole</u>
	<u>2526</u>								<u>Hookup To Create Cement</u>
	<u>2532</u>								<u>Create Cement 4 1/2 hrs</u>
	<u>2534</u>								<u>Cement Mtd to Ground Level</u>
	<u>2552</u>								<u>Cement Bit & Move Hole</u>
	<u>2615</u>								<u>Hookup to Pump Truck</u>
	<u>2620</u>	<u>5</u>	<u>800 gal</u>				<u>250</u>		<u>Start Mtd. Fluid Blend</u>
	<u>2632</u>	<u>5.2</u>	<u>155 gal</u>				<u>280</u>		<u>Start Mtd. Cement</u>
	<u>2700</u>	<u>1</u>	<u>32 gal</u>				<u>300</u>		<u>Start Tail Cement</u>
	<u>2706</u>	<u>1</u>	<u>125 gal</u>				<u>325</u>		<u>Finish Mtd. Cement</u>
	<u>2717</u>						<u>325</u>		<u>Start Cement</u>
	<u>2702</u>								<u>Start Displacement</u>
	<u>2730</u>		<u>67 gal</u>				<u>500</u>		<u>Start Fly Drive</u>
									<u>Foot Hold</u>
									<u>Cement Cement To Bit</u>
									<u>8 hrs 14 sk</u>
									<u>Thanks For call</u>
									<u>Halliburton</u>
									<u>For more</u>



HALLIBURTON ENERGY SERVICES

HAL-1906-P

CHARGE TO: OXY USA INC.
 ADDRESS:
 CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No.

106319 - 4

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>025540</u>	WELL/PROJECT NO. <u>2</u>	LEASE <u>Tucker B</u>	COUNTY/PARISH <u>Morton</u>	STATE <u>LA</u>	CITY/OFFSHORE LOCATION <u>R0119</u>	DATE <u>11-9-96</u>	OWNER <u>Same</u>
2. <u>025535</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>Cheyenne</u>	RIG NAME/NO. <u>7</u>	SHIPPED VIA <u>Howco</u>	DELIVERED TO <u>Location</u>	ORDER NO.
3.	WELL TYPE <u>02</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>010</u>	WELL PERMIT NO. <u>15129214620000</u>	WELL LOCATION <u>Land</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
000-117		1			MILEAGE	<u>RIF</u>	<u>104</u>	<u>mi.</u>	<u>1</u>	<u>Eq</u>	<u>2.99</u>	<u>310</u> ⁹⁶
000-119		1			CREW MILEAGE	<u>RIF</u>	<u>104</u>	<u>mi.</u>	<u>1</u>	<u>Eq</u>	<u>1.60</u>	<u>166</u> ⁴⁰
001-016		1			PUMP CHARGE		<u>481</u>	<u>ft</u>	<u>6</u>	<u>hr</u>	<u>650.00</u>	<u>650</u> ⁰⁰
030-018		1			5W TOP PUMP		<u>1</u>	<u>Eq</u>	<u>8.5</u>	<u>hr</u>	<u>130.00</u>	<u>130</u> ⁰⁰
41	806-61048	1			CENT.		<u>3</u>	<u>Eq</u>	<u>"</u>	<u>"</u>	<u>61.00</u>	<u>183</u> ⁰⁰
597	825.1209	1			ALUM. BASKET		<u>1</u>	<u>Eq</u>	<u>"</u>	<u>"</u>	<u>50.00</u>	<u>50</u> ⁰⁰
320	806.71460	1			BASKET		<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>124.00</u>	<u>124</u> ⁰⁰
350	890.10802	1			WELD A		<u>"</u>	<u>"</u>	<u>1.16</u>	<u>"</u>	<u>16.75</u>	<u>16</u> ⁷⁵
001-018		1			Additional hrs wait on rig		<u>3</u>	<u>hr</u>	<u>Eq</u>	<u>hr</u>	<u>260.00</u>	<u>780</u> 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

X
 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	

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

2411 ⁰⁰

FROM CONTINUATION PAGE(S)

4356 ³⁵

6767 ⁴⁶

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)

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)

HALLIBURTON OPERATOR/ENGINEER

EMP #

HALLIBURTON APPROVAL

X

Jyo & Jary

F4550

TERMS AND CONDITIONS

(1295)

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.

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JOB LOG HAL-2013-C

DATE **11-9-96** PAGE NO. **1**

CUSTOMER **OXY USA** WELL NO. **2** LEASE **Tucker B** JOB TYPE **8 7/8 5 1/2** TICKET NO. **106318**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	11700							called out
	1930							on loc. key 17117.
	037							start 8 7/8 CSY E.F.E.
	0140							CSY on 1 1/2" hook up 8 7/8 P.C. & circ from to pit
	0147							brk circ. with 2.
	0149							circ to pit
	0200							Three circ. hook from 10 P.F.
	0201	6.5	71.6	✓		80		PUMP 125x 14 MC 11.1 1/2 1/4 1
	0213	6.5	23.5	✓		85		PUMP 100x 14 9/16 14.8 1/2 1/4 1
	0219	0	23.5	✓		0		Three wharf start down drop pump.
	0220	5.5	28.1	✓		100		PUMP 175x ORIGINAL
	224	5.5	28.1	✓		100		21.5 bbls in cmf to pit
	225	2.5	28.1	✓		90		22 lbs in 510 KMT
	228	2.0	28.1	✓		100/200		Land pump
	229							Close EM P.C.
	230							wait on P.C. job over
								6.5 bbls cmf to pit ✓
								11 5x cmf to pit ✓

CUSTOMER



JOB SUMMARY

HALLIBURTON DIVISION Mid Cont AreaHALLIBURTON LOCATION Liberal KSBILLED ON TICKET NO. 106314

WELL DATA

FIELD _____ SEC. 27 TWP. 34 RNG. 41 COUNTY McPherson STATE KS

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

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>W</u>	<u>24</u>	<u>8 5/8</u>	<u>AR</u>	<u>441</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.:
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-9-96</u>	DATE <u>11-9-96</u>	DATE <u>11-10-96</u>	DATE <u>11-10-96</u>
TIME <u>1700</u>	TIME <u>1930</u>	TIME <u>0700</u>	TIME <u>1230</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>AG 8 5/8</u>	<u>1</u>	<u>H</u>
FLOAT SHOE		
GUIDE SHOE		<u>0</u>
CENTRALIZERS <u>SH</u>	<u>3</u>	
BOTTOM PLUG		<u>W</u>
TOP PLUG <u>SH 5W</u>	<u>1</u>	
HEAD <u>PC</u>	<u>1</u>	<u>C</u>
PACKER		
OTHER <u>KEYS & PL</u>	<u>1</u>	<u>0</u>

MATERIALS

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

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION

ORIGINAL

DEPARTMENT Cost
 DESCRIPTION OF JOB 1 well 8 5/8 SH
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR Tyco Dantz COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>175</u>	<u>NE MC</u>		<u>14</u>	<u>3% MC 1/2 F10</u>	<u>3.28</u>	<u>11.1</u>
<u>1</u>	<u>100</u>	<u>PL</u>		<u>15</u>	<u>3% MC 1/2 F10</u>	<u>1.32</u>	<u>14.8</u>
	<u>275</u>						

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____
 HYDRAULIC HORSEPOWER _____

SUMMARY

PRESLUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 28.1
 CEMENT SLURRY: BBL.-GAL. 71.6 1.1 27.3 1.1
 TOTAL VOLUME: BBL.-GAL. _____

VOLUMES

ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 40 REASON Shoe Joint

REMARKS

CUSTOMER

CUSTOMER: OKY
LEASE: Talbot B
WELL NO.: 7
JOB TYPE: 5 1/8 SH
DATE: 11-9-96