

ORIGINAL

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

CONFIDENTIAL

API NO. 15-129-21426

County Morton

 - NW - SE - NW Sec. 23 Twp. 34S Rge. 40 ^E/_{X W}

1390 FNL Feet from X (circle one) Line of Section

1390 FWL Feet from X (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
XX, SE, XX or XX (circle one)

Lease Name Bentley A Well # 3

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3345' KB

Total Depth 2770 PBDT 2738'

Amount of Surface Pipe Set and Cemented at 534 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 1200 w/ 2500 sx cnt.

Drilling Fluid Management Plan AH-1, 9-22-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 1200 ppm Fluid volume 2500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: NCC

Operator Name **RELEASED** **JUL 24**

Lease Name **SEP 25 1996** License No. **CONFIDENTIAL**

Quarter Sec S Rng. E/W

County Docket No.

Operator: License # 5447

Name: OXY USA Inc.

Address P. O. Box 300

City/State/Zip Tulsa, Ok 74102-0300

Purchaser:

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.

3-26-96 3-27-96 4-18-96
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 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 Raymond Hui

Title Staff Analyst Date 7-19-96

Subscribed and sworn to before me this 19th day of July, 19 96

Notary Public Karen 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)

RECEIVED
KANSAS CORPORATION COMMISSION

Form ACO-1 (7-91)

JUL 29 1996

CONSERVATION DIVISION
WICHITA, KS

Operator Name: OXY, USA Inc.

Lease Name: Bentley A

Well # 3

Sec. 23 Twp. 34S Rge. 40

East
 West

County: JANESVILLE

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: Ran Dual Spaced Neutron Gamma Collar Log

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Hollenberg	2472	
Krider	2502	
Winfield	2541	
Towanda	2612	
Fort Riley	2678	

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"	28 28	534	CL A	215	3% cc
Production	7 7/8"	5 1/2"	14	2758	CL A	430	3% 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. Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	Chase 2614-18; 2562-66;	Acidized w/1600 gal 7 1/2%	
	2528-32; 2486-90	HCL acid frac'd w/68086 gal	
		25# Borate gel	

TUBING RECORD Size 2 3/8" Set At 2646 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 6-4-96 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		410			

Disposition of Gas: METHOD OF COMPLETION

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

Production Interval
 Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____



HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: **oxy USA INC**
 ADDRESS:
 CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No.

921311 - 6

PAGE 1 OF 2

SERVICE LOCATIONS: 1. **L. R. BOAL FC 07534** WELL/PROJECT NO. **A-3** LEASE **BENTLEY** COUNTY/PARISH **MORTON** STATE **KS.** CITY/OFFSHORE LOCATION: **Loc 5 ROLLA** DATE: **3-26-96** OWNER: **SAWIE**

2. **(L. BOAL FC 07535)** TICKET TYPE: SERVICE SALES NITROGEN JOB? YES NO CONTRACTOR: **NUU** RIG NAME/NO. **NUU** SHIPPED VIA: **CONFIDENTIAL** DELIVERED TO: **Loc 5 ROLLA** ORDER NO.:

3. WELL TYPE: **02** WELL CATEGORY: **01** JOB PURPOSE: **010** WELL PERMIT NO.: **23-345-40W** WELL LOCATION:

4. REFERRAL LOCATION: **02** INVOICE INSTRUCTIONS:

ORIGINAL
CONFIDENTIAL

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		U/M	U/M			
000-117				41.5	MILEAGE	82 mi.	1 UNIT	2.55		233.70
000-119				41.5	CREW MILEAGE	82 mi.	1 UNIT	1.00		123.-
001-016				41.5	PUMP CHARGE	538 FT	6 MFC			890.-
030-018				41.5	5w TOP PLUG	8 3/8 IN	1 EA			130.-
41	806.61048			32	CENTRALIZERS	8 5/8 IN	3 EA	61.-		183.-
350	890.10802			32	HOWCO WELD A	1 LB	1 EA			16.75
320	806.71460			32	BASKET	8 5/8 IN	1 EA			122.-
599	825.1266			32	BAFFLE FIBERGLASS	" "	" "			91.-

RELEASED
SEP 25 1998

FROM CONFIDENTIAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

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

SUB SURFACE SAFETY VALVE WAS: PULLED & RETURN PULLED RUN

SURVEY

TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
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	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
WELL DEPTH		ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO		
TREE CONNECTION	TYPE VALVE	<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL: 1789 45
 FROM CONTINUATION PAGE(S): 4030 74
 SUB-TOTAL: 5320 19
 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): **X**

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): **[Signature]**

HALLIBURTON OPERATOR/ENGINEER: **[Signature]** EMP # **4052***

HALLIBURTON APPROVAL: **[Signature]**

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.



TICKET CONTINUATION CUSTOMER COPY

TICKET No. 721311

HALLIBURTON ENERGY SERVICES

CUSTOMER OKY USA, INC.	WELL Bentley A #3	DATE 03-26-96	PAGE 2	OF 2
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FORM 1811 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-050	516.00265				Premium Plusj Cement	100	sk			12.62	1262.00
504-282					Midcom Premium Plus cement	115	sk			16.176	1877.160
507-285	70.15250					216	lb				
508-127	516.00835					2	sk				
507-210	880.50071				Floocla 1/2" / 115, 1/2" / 100	83	lb			1.65	136.95
509-406	880.50812				Calcium Chloride 2 1/2" / 115, 2 1/2" / 100	5	sk			36.175	180.875
500-207					SERVICE CHARGE						
500-306					MILEAGE CHARGE						
					TOTAL WEIGHT	21,125					
					LOADED MILES	20					
					CUBIC FEET	237				1.35	319.95
					TON MILES	211.25				.95	200.69

CONFIDENTIAL ORIGINAL

RELEASED
SEP 25 1990

FROM CONFIDENTIAL

RECEIVED
JUL 24 1996
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 29 1996
CONSERVATION DIVISION
WICHITA, KS

No. B 341503

CONTINUATION TOTAL	4230.74
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JOB LOG HAL-2013-C

CUSTOMER ORA USA INC WELL NO. A-3 LEASE BENTLEY JOB TYPE SURFACE 8 3/8 TICKET NO. 921311

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1800							CALLED OUT - READY 2130
	2030							ON LOC. - CIRCULATING
	2143							START CSG.
	2210							Hook up CMT HEAD
	2215							CIRCULATION - SAFETY MEETING
	2250							Hook up to CMT LINE
	2253					1250		START PRESSURE TEST
	2255	7	66				1/40	START LEAD 11.1"
	2304	7	24				5	START TH. L 14.8"
	2308	0	0				0	SHUT OFF DROP PLUG
	2310	4.2	21				1/80	START DISPLACEMENT H ₂ O
	2315	2	10				13 1/2	SLOW RATE - (31 TOTAL BBL)
	2320	0	0					PLUG LANCED - SHUT IN.
								30 BBL CMT P.T. - 52 SKS
								RELEASED
								SEP 25 1998
								FROM CONFIDENTIAL
								CONFIDENTIAL
								THANKS FOR CALLING HALLIBURTON
								ENERGY SERVICES LIBERAL KS.
								HAVE A GOOD DAY
								BLOOMFORD - CORNELSEN - CORPENING
								RECEIVED
								KANSAS CORPORATION COMMISSION
								JUL 29 1996
								CONSERVATION DIVISION
								WICHITA, KS
								MSDS GIVEN TO CO MAN





JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

THIS CONTINUED
LIBERAL KS.

BILLED ON TICKET NO. 921311

WELL DATA
FIELD _____ SEC. 23 TWP. 34S RNG. 40W COUNTY MORTON STATE KS.

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

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	W	28	8 7/8	KB	538	
LINER TUBING						
OPEN HOLE			12 1/4	KB	540	SHOTS/FT.
PERFORATIONS				S. L. L.		
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>BAFFLE PLATE</u>	<u>1</u>	<u>H</u>
FLOAT SHOE <u>7136R GLASS</u>		
GUIDE SHOE		<u>O</u>
CENTRALIZERS <u>5-4</u>	<u>3</u>	
BOTTOM PLUG		<u>W</u>
TOP PLUG <u>5W</u>	<u>1</u>	
HEAD		<u>C</u>
PACKER <u>HARD WELD R 1LB</u>	<u>1</u>	
OTHER		<u>O</u>

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>3-26-96</u> TIME <u>1800</u>	DATE <u>3-26-96</u> TIME <u>2030</u>	DATE <u>3-26-96</u> TIME <u>2250</u>	DATE <u>3-26-96</u> TIME <u>2400</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. BROOKFOOT</u> <u>04604</u>	<u>420045</u>	<u>LIBERAL</u> <u>KS.</u>
<u>C. CORNELSEN</u> <u>02369</u>	<u>52947</u> <u>75496</u>	<u>"</u>
<u>DENNIS CORPENTH</u> <u>H2441</u>	<u>4037</u> <u>7620</u>	<u>HUGSPR</u> <u>KS.</u>
		<u>NULL</u>
		<u>JUL 24</u>
		<u>CONFIDENTIAL</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. RELEASED
GELLING AGENT TYPE _____ GAL.-LB. _____ IN
FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
BREAKER TYPE _____ GAL.-LB. SEP 25 1998
BLOCKING AGENT TYPE _____ GAL.-LB. _____ IN
PERFPAC BALLS TYPE _____ FROM CONFIDENTIAL
OTHER _____
OTHER _____

DEPARTMENT CEMENT

DESCRIPTION OF JOB CM T 8 7/8 SURFACE CSG.

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

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR Jim Brookfoot COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>115</u>	<u>Prem +</u>	<u>MidCoil</u>	<u>B</u>	<u>3% C.C. 1/4# FLOCELE</u>	<u>3.22</u>	<u>11.1</u>
<u>1</u>	<u>100</u>	<u>Prem +</u>		<u>B</u>	<u>2% C.C. 1/4# FLOCELE</u>	<u>1.32</u>	<u>14.8</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESFLUSH: BBL-GAL. _____ TYPE _____
BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL. _____ PAD: BBL-GAL. _____
AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL. _____ DISPL BBL-GAL. 31
SHUT-IN: INSTANT _____ 5-MIN _____ 10-MIN 29 1996 CEMENT SLURRY: BBL-GAL. 66-24
HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM _____ CONSERVATION DIVISION WICHITA, KS
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET 42.63 REASON SHOE JT

REMARKS MSDS GIVEN TO CO MAN
30 BBL CAT P.T 52 SKS.

CUSTOMER OX9 USA TALK LEASE BEUTLEAU WELL NO. A-3 JOB TYPE SURFACE 8 7/8 DATE 3-26-96



HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: **OTY USA**
 ADDRESS: **OTY USA**
 CITY, STATE, ZIP CODE:

ORIGINAL

TICKET

No. 921558 **0**

PAGE 2 OF 2
 RELEASED SEP 5 1998
 OWNER: **John**

SERVICE LOCATIONS 1. 025540 2. 025535 3. 4.	WELL/PROJECT NO. 3	LEASE Bentley A	COUNTY/PARISH Morton	STATE ks.	CITY/OFFSHORE LOCATION KO119	DATE 3-28-98
	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR Ghayenne Drilg.	RIG NAME/NO. 4	SHIPPED VIA Howco	DELIVERED TO Location
	WELL TYPE 02	WELL CATEGORY 01	JOB PURPOSE 035	WELL PERMIT NO. 15129214260000	WELL LOCATION L9nd.	
REFERRAL LOCATION	INVOICE INSTRUCTIONS					

CONFIDENTIAL

CONFIDENTIAL

FROM CONFIDENTIAL

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1		405	MILEAGE	41	Mi	2	EQ	2.85	233.70
000-119		1			crew mile age	41	Mi	2	EQ	1.50	123.00
001-016		1			Pump charge	2761	FF	6	hr	1455.00	1455.00
030-016		1		405	5w top plug.	1	EQ	5 1/2	in	60.00	60.00
12A	825.205	1		32	Guide shoe	1	EQ	5 1/2	in	121.00	121.00
24A	815.19251	1			Insert	1	EQ	5 1/2	in	110.00	110.00
27	815.19311	1			Fill up Assy	1	EQ	5 1/2	in	69.00	69.00
40	806.60022	1			cent	10	EQ	5 1/2	in	60.00	600.00
320	806.71430	1		32	Basket	1	EQ	5 1/2	in	104.00	104.00
313-396		1		405	BE 6	1	#	1	EQ	70.00	70.00
218-517		1			SSO 21m	3	901	3	EQ	27.50	82.50
314-163		1			Clay Fin II	3	901	3	EQ	28.00	84.00

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 29 1996
CONSERVATION DIVISION
W. WELL CASE

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

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

SURVEY			AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE?			<input type="checkbox"/> YES <input type="checkbox"/> NO		

PAGE TOTAL	3112	120
FROM CONTINUATION PAGE(S)	8572	79
	11684	94
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	7037	92

DATE SIGNED: _____ TIME SIGNED: _____
 A.M. P.M.

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

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) X	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) Lyce Dany	HALLIBURTON OPERATOR/ENGINEER F4550	HALLIBURTON APPROVAL Quillwholar 405
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HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

ORIGINAL

TICKET No. 921558

FORM 1911 R-10

CUSTOMER Oxy USA	WELL Bentley	DATE 3-28-96	PAGE 2	OF 2
---------------------	-----------------	-----------------	-----------	---------

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		QTY.		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF		U/M	U/M					
504050	516.00265				Premium Plus Gnt.	100	sk			12 62	1262	00
504282					Midcon	330	sk			16 76	5530	80
504050	516.00265					330	sk					
507285	70.15250					620	lb					
508127	516.00335					6	sk					
507210	890.50071				Flo #430sk	108	lb			11 65	1262	00
509406	890.50812				Calcium Chloride 2%-430sk	8	sk			36 75	294	00
018-315	ORIGINAL	1			Mud Flush.	420	gpi			65	273	00
CONFIDENTIAL	ORIGINAL											
500207					SERVICE CHARGE			CUBIC FEET	468	1 35	631	80
500306					MILEAGE CHARGE			TON MILES	424.15	95	402	84
					TOTAL WEIGHT	42,415		LOADED MILES	20			

NOW
 JUL 24
 CONFIDENTIAL

RELEASED
 SEP 25 1998
 FROM CONFIDENTIAL

RECEIVED
 KANSAS CORPORATION COMMISSION
 JUL 23 1996
 CONSERVATION DIVISION
 #10111-A-83

No. B 341512

CONTINUATION TOTAL 8572.74

CUSTOMER OXY-USA WELL NO. 3 LEASE Bentley # JOB TYPE 5 1/2 L.S. TICKET NO. 921558

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1030							called out For Job.
	1400							ON LOC. RIG circ. ON BOH.
	1440							Start LDDP
	1700							out of Hole W.D.P.
	1720							start 5 1/2 CS8 & F.R.
								RELEASED
	1830							SEP 25 1998 CS8 ON BOH Hook up 5 1/2 p.c. & circ.
								FROM CONFIDENTIAL Iron to RIG.
	1837							Bkt circ. w/ RIG pump
	1838							circ to Pit
	1847							Thru circ Hook iron to P.T.
	1855	5.0	10		✓			200 Pump mud Flush.
	1858		3.5		✓			0 shut down.
	1900		3.5		✓			0 Plug 29+ Hole JUL 24
	1905							Plug mouse Hole. CONFIDENTIAL
	1910	7.0	184		✓			300 Start Pumping 3305# Pt MC 29cc 1/4" MO at 11.1 #1841
	1937	7.0	33		✓			100 start Pumping 1005# Pt MC 29cc 1/4" 9+ 13.2 #1841
	1943	0			✓			0 Thru mixing shut down Wash up.
	1947	6.0	67		✓			50 start disp.
	1952	6.0	67		✓			350 32bbls disp. cmt to surface
	1958	2.0	67		✓			600 57bbls disp. 510 rate
	2000	2.0	67		✓			600 1150 LAND Plug.
	2001		67		✓			1150 0 Release Float - Held.
	2001	0	67		✓			0 Job over
								Thanks For calling. Tyce Sunny & crew
								32 bbls cmt to pit
								555x cmt " "

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 29 1996



JOB SUMMARY

HALLIBURTON DIVISION mid continent Area
 HALLIBURTON LOCATION Liberal ks.

BILLED ON TICKET NO. 921558

FIELD H490407 **CONFIDENTIAL** SEC 23 TWP. 34 RING. 40 COUNTY Morton STATE ks.

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

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>W</u>	<u>14</u>	<u>5 1/2</u>	<u>KB</u>	<u>2761</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
F. <u>Insert 5 1/2</u>	<u>1</u>	<u>W</u>
FL. <u>Fin up 5 1/2</u>	<u>1</u>	
GUIDE SHOE <u>1 1/2</u>	<u>1</u>	<u>0</u>
CENTRALIZERS <u>54</u>	<u>10</u>	
BOTTOM PLUG		<u>W</u>
TOP PLUG <u>5W</u>	<u>1</u>	
HEAD <u>P.G.</u>	<u>1</u>	<u>L</u>
PACKER		
OTHER <u>Basket 5 1/2</u>	<u>1</u>	<u>0</u>

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>3-28</u>	DATE <u>3-28</u>	DATE <u>3-28</u>	DATE <u>3-28</u>
TIME <u>1030</u>	TIME <u>1400</u>	TIME <u>1855</u>	TIME <u>2000</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Davis</u>	<u>420042</u>	<u>Liberal</u>
<u>F4550</u>	<u>P.U.</u>	<u>ks.</u>
<u>S. Tate</u>	<u>52823</u>	<u>"</u>
<u>E. 0568</u>	<u>75374</u>	<u>RCM</u>
<u>D. Corpening</u>	<u>4115</u>	<u>Bulk. H490407</u>
<u>G. 2728</u>	<u>75237</u>	<u>ks</u>
<u>M. Longworth</u>	<u>50404</u>	<u>"</u>
<u>G. 9510</u>	<u>6611</u>	<u>Bulk</u>

MATERIALS

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

JUL 24
CONFIDENTIAL

DEPARTMENT CMT
 DESCRIPTION OF JOB CMT 5 1/2 prod. CSR.
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X
 HALLIBURTON OPERATOR Joe Davis
 COPIES REQUESTED _____

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>pt mid con</u>	<u>B</u>	<u>270cc 1/4" F10</u>	<u>RELEASED</u>	<u>3.22</u>	<u>11.1</u>
<u>1</u>	<u>100</u>	<u>pt mid con</u>	<u>B</u>	<u>270cc 1/4" F10</u>	<u>SEP 25 1996</u>	<u>1.84</u>	<u>13.2</u>

FROM CONFIDENTIAL

RECEIVED SUMMARY

CIRCULATING _____ DISPLACEMENT _____ PRESFLUSH 10 GAL. TYPE Mud Flush.
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 67
 SHUT-IN: INSTANT _____ 5-MIN _____ JUL 29 1996 CEMENT SLURRY 189 L.C. 33 F.C.
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
 ORDERED _____ AVAILABLE _____ USED _____ AVERAGE RATES IN BPM _____ DIVISION WICHITA, KS
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 14 REASON Shot Joint

CUSTOMER OXY
 LEASE BENTLEY
 WELL NO. 3
 JOB TYPE 5 1/2 PROD. CSR. DATE 3-28-96



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO
Oxy USA INC

ADDRESS

CITY, STATE, ZIP CODE

TICKET

No. 921311 -

PAGE 1 OF 2

SERVICE LOCATIONS
1. **LIBERAL Ks. 025540** WELL/PROJECT NO. **B-3** LEASE **BENTLEY** COUNTY/PARISH **MORTON** STATE **Ks.** CITY/OFFSHORE LOCATION **Loct S ROLLA** DATE **3-26-96** OWNER **SAME**

2. **Wagon Ks 025535** TICKET TYPE SERVICE NITROGEN JOB? YES NO CONTRACTOR RIG NAME/NO. SHIPPED VIA ORDER NO.

3. WELL TYPE **02** WELL CATEGORY **01** JOB PURPOSE **010** WELL PERMIT NO. WELL LOCATION **23-345-40W**

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		U/M	U/M			
000-117				40.5	MILEAGE	82 mi	1 UNIT	2.85		233.70
000-119				40.5	CREW MILEAGE	82 mi	1 UNIT	1.50		123.00
001-016				40.5	PUMP CHARGE	538 FT	6 HR			890.00
030-018				40.5	5w Top PLUG	8 5/8 in	1 EA			130.00
41	806.61048			32	CENTRALIZERS	8 5/8 in	3 EA	61.00		183.00
350	890.10802			32	Howco WELD A	1 LB	1 EA			16.75
320	806.71460			32	BASKET	8 5/8 in	1 EA			124.00
597	825.1266			32	BAFFLE FIBERGLASS	11 in	11 in			91.00

ORIGINAL

CONFIDENTIAL

RELEASED SEP 25 1996

CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION

JUL 29 1996

CONSERVATION DIVISION WICHITA, KS

LEGAL TERMS: Customer hereby acknowledges receipt of the materials and services listed on this ticket 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: X TIME SIGNED: A.M. P.M.

Sub Surface Safety Valve WAS: PULLED & RETURN PULLED RUN

DEPTH: _____ SPACERS: _____ 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: 1791 4

FROM 40.5 CONTINUATION PAGE(S): 4030 7

3498.10

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE: 5822 1

3498

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): X

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): *[Signature]*

HALLIBURTON OPERATOR/ENGINEER: *[Signature]* EMP # **04604**

HALLIBURTON APPROVAL: *[Signature]* **40.5***



HALLIBURTON

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

TICKET CONTINUATION

TICKET No. **921311**

mg CUSTOMER **OXY USA, INC.** WELL **Bentley A #3** DATE **03-26-96** PAGE **2** OF **2**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-050	516.00265				Premium Plus j Cement	100		sk		12.62	1262.00
504-282					Midcon Premium Plus cement	115		sk		16.76	1927.40
507-285	70.15250					216		lb			
508-127	516.00335					2		sk			
507-210	890.50071				Flocele 1/2" / 115, 1/2" / 100	83		lb		1.65	136.95
509-406	890.50812				Calcium Chloride 3/4" / 115, 2" / 100	5		sk		36.75	183.75
<p>CONFIDENTIAL ORIGINAL</p> <p>RELEASED SEP 25 1998</p> <p>FROM CONFIDENTIAL JUL 24 1998</p> <p>CONFIDENTIAL</p> <p>FILED IN JUL 29 1976</p> <p>CONSERVATION DIVISION WICHITA, KS</p> <p>FILED BY HANNAH S CORPORATION COMMISSIONER</p>											
500-207					SERVICE CHARGE	CUBIC FEET		237		1.35	319.95
500-306					MILEAGE CHARGE	TOTAL WEIGHT	21,125	LOADED MILES	20	TON MILES	2821.25
										95	200.69

No. B 341503

CONTINUATION TOTAL **4030.74**



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

THIS CONTINENT
LIBERAL KS.

BILLED ON TICKET NO. 921311

WELL DATA
 FIELD _____ SEC 23 TWP. 34S RING. 40W COUNTY MORTON STATE KS.

FORMATION NAME ORIGINAL
 FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	W	28	8 5/8	KB	538	
LINER						
TUBING						
OPEN HOLE			12 1/4	KB	540	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
BAFFLE PLATE <u>8 5/8</u>	1	H
FIBER GLASS		
GUIDE SHOE		O
CENTRALIZERS <u>5-4</u>	3	W
BOTTOM PLUG		W
TOP PLUG <u>5W</u>	1	C
HEAD		C
PACKER <u>Howo weld A 1LB</u>	1	O
OTHER		

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>3-26-96</u> TIME <u>1800</u>	DATE <u>3-26-96</u> TIME <u>2030</u>	DATE <u>3-26-96</u> TIME <u>2250</u>	DATE <u>3-26-96</u> TIME <u>2400</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T. BROADFOOT 74604	420045	LIBERAL KS.
C. CORNELSEN 62569 75496	52947	"
DENNIS CORPENING 42441	4037 7620	NUGTON KS.

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. _____
 NE AGENT TYPE _____ GAL. _____
 FLUID LOSS ADD. TYPE _____ GAL. _____
 GELLING AGENT TYPE _____ GAL. _____
 FRIC. RED. AGENT TYPE _____ GAL. _____
 BREAKER TYPE _____ GAL. _____
 BLOCKING AGENT TYPE _____ GAL. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT CEMENT
 DESCRIPTION OF JOB CMT 8 5/8 SURFACE CSG.
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X
 HALLIBURTON OPERATOR Jim Broadfoot COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	115	Premt Mid Con		B	3% C.C. 1/4 # 7LOCELE	3.22	11.1
1	100	PREM +		B	2% C.C. 1/4 # 7LOCELE	1.32	14.8

PRESSURES IN PSI **VOLUMES**

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT 1111 29 1996 TREATMENT: BBL.-GAL. _____ DISPL. BBL. GAL. 31
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY BBL. GAL. 66.24 TOTAL VOLUME: BBL.-GAL. _____
 ORDERED _____ AVAILABLE _____ CONSERVATION DIVISION WICHITA, KS. REMARKS
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 42.63 REASON SHOE IT MSOS GIVEN TO CO MAN
30 BBL CMT P.T 52 SKS.

CUSTOMER OXO USA INC
 LEASE BENTLEY
 WELL NO. A-3
 JOB TYPE SURFACE 8 5/8
 DATE 3-26-96

CONFIDENTIAL

RELEASED

SEP 25 1996

FROM CONFIDENTIAL

RECEIVED



HALLIBURTON ORIGINAL

DATE 3-26-96 PAGE NO.

JOB LOG HAL-2013-C

CUSTOMER OXY USA INC WELL NO. A-3 LEASE BENTLEY JOB TYPE SURFACE 8 5/8 TICKET NO. 921311

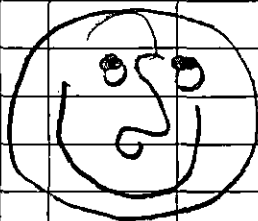
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1800							CALLED OUT - READY 2130 ON LOCK. - CIRCULATING START ESG.
	2030							
	2145							
								JUL 24
								CONFIDENTIAL
	2240							HOOK UP CMT HEAD
	2245							CIRCULATION - SAFETY MEETING
	2250							HOOK UP TO CMT LINE
	2253					1250		START PRESSURE TEST
	2255	7	66				0/140	START LEAD 11.1#
	2304	7	24				5	START TAIL 14.8#
	2308	0	0				0	SHUT OFF DROP PLUG
	2310	4.2	21				0/180	START DISPLACEMENT H ₂ O
	2315	2	10				180/320	SLOW RATE - (31 TOTAL BBL)
	2320	0	0				-	PLUG LANDED - SHUT IN

30 BBL CMT PIT - 52 SKs

RELEASED

SEP 25 1998

FROM CONFIDENTIAL



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

RECEIVED KANSAS CORPORATION COMMISSION

BROADFOOT-CORNELSEN-CORPENING

JUL 26 1996

MSDS GIVEN TO CO MAN

CONSERVATION DIVISION WICHITA, KS