

STATE OF COLORADO  
OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF NATURAL RESOURCES



SUBMIT ORIGINAL AND 1 COPY

FOR OFFICE USE ONLY			
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**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

<input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> COALBED METHANE <input type="checkbox"/> INJECTION WELL <input type="checkbox"/> OTHER		5. FEDERAL/INDIAN OR STATE LEASE NO. 72-3514F
2. NAME OF OPERATOR Oryx Energy Company		6. PERMIT NO. 90-420
3. ADDRESS OF OPERATOR P.O. Box 26300 CITY STATE ZIP CODE Oklahoma City, OK 73126-0300		7. PI NO. 05-107-6166
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2395' FNL & 1780' FEL Sec. 36-6N-87W At proposed prod. zone 2548' FWL & 2094' FEL Sec. 36-6N-87W		8. WELL NAME Tow Creek Unit
		9. WELL NUMBER 10-36
		10. FIELD OR WILDCAT Tow Creek
12. COUNTY Routt		11. QTR. QTR. SEC., T.R. AND MERIDIAN SW NE Sec. 36-6N-87W

**RECEIVED**  
OCT 7 1991  
O.O. OIL & GAS CONS. COM.

Check Appropriate Box To Indicate Nature of Notice, Report or Notification

13A. NOTICE OF INTENTION TO: <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> COMMINGLE ZONES <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> OTHER _____	13B. SUBSEQUENT REPORT OF: <input checked="" type="checkbox"/> FINAL PLUG AND ABANDONMENT (SUBMIT 3RD PARTY CEMENT VERIFICATION AND JOB LOG) <input type="checkbox"/> ABANDONED LOCATION (WELL NEVER DRILLED - SITE MUST BE RESTORED WITHIN 6 MONTHS) <input type="checkbox"/> REPAIRED WELL <input type="checkbox"/> OTHER _____ <small>*Use Form 3 - Well Completion or Recompletion Report and Log for subsequent reports of Multiple/Commingled Completions and Recompletions</small>	13C. NOTIFICATION OF: <input type="checkbox"/> SHUT-IN TEMPORARILY ABANDONED (DATE _____) (REQUIRED EVERY 6 MONTHS) <input type="checkbox"/> PRODUCTION RESUMED (DATE _____) <input type="checkbox"/> LOCATION CHANGE (SUBMIT NEW PLAT) <input type="checkbox"/> WELL NAME CHANGE <input type="checkbox"/> OTHER _____
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14. DESCRIBE PROPOSED OR COMPLETED OPERATIONS ON THIS FORM (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent)

15. DATE OF WORK 8-21-91 through 8-25-91

MIRU COLORADO WS. SET CEMENT RTR @ 5000'. SQUEEZE CSG LEAK @ 5158-59 W/ 250 SACKS @ 5 BPM @ 120 PSI, STINGOUT OF RTNR, SPOT ADDITIONAL 25 SACKS CLASS G CMT ON TOP OF CMT RTNR. TAG CMT @ 4940', PERF 4 SGZ HOLES @ 510', PUMP 200 SACKS CLASS G CMT OUT HOLES @ 510', CIRCULATE OUT 9-5/8" 13-3/8" ANNULUS, BALANCE PLUG, SPOT 15 SACKS CLASS G CMT PLUG FROM 52' to 10', CUT OFF WELL HEAD AND WELD ON CAP. INSTALL DRY HOLE MARKER.

16. I hereby certify that the foregoing is true and correct

SIGNED David Parker TELEPHONE NO. (405) 752-7118

NAME (PRINT) David Parker TITLE Proration Analyst DATE 9-30-91

(This space for Federal or State office use)

APPROVED Stephen Pott TITLE Sr. Engr. DATE 11/29/91

CONDITIONS OF APPROVAL, IF ANY:  
Submit 3rd Party Job Log (Cement Verification)

HALLIBURTON SERVICES

Down Hole Services 72828

A Division of Halliburton Company

FORM 905R-11

WELL NO.—FARM OR LEASE NAME D/O-30 - on 2000		COUNTY KENT	STATE Cala	CITY / OFFSHORE LOCATION	DATE 8-23-91
CHARGE TO CITYX	OWNER Same	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
ADDRESS	CONTRACTOR	LOCATION 1		CODE 5560	
CITY, STATE, ZIP	SHIPPED VIA T.R.	FREIGHT CHARGES <input type="checkbox"/> FPD <input type="checkbox"/> COLLECT		LOCATION 2	
WELL TYPE S1	WELL CATEGORY S2	WELL PERMIT NO. APC-63512	DELIVERED TO /	LOCATION 3	
TYPE AND PURPOSE OF JOB OTS SERVICE JTB		B-966607	ORDER NO. 455150	REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest charges after default at the highest lawful amount now applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees to the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state whose services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action, whether in contract, tort, product liability, breach of warranty or otherwise arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such product, supplies or materials on their return to Halliburton or, at Halliburton's option, to the refundance to the customer of the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
000-117				MILEAGE <i>LCM 5412-7125</i>	150	mi			2.40	390	00
011-205				PUMP CHARGE 8-23	600	PSI	4	HRS		840	00
000-119				CREW MILEAGE (37278)	150	mi			1.35	202	50
009-134	009-019			PUMP CHARGE	8	HR	519	FT		2040	00
100-115				MILEAGE 39842	150	mi			1.35	202	50
102-053				JOB NOT RUN 8-24-91	1	EA	8 HR	MIN	35 <sup>00</sup>	280	00
000-119				CREW MILEAGE	150	mi			1.35	202	50
009-134				PUMP CHARGE	8	HR	519	FT		2040	00
100-115				MILEAGE 39842	150	mi			1.35	202	50
128-363				SETTING TOOL	1	EA				210	00
94	802.354			9 5/8 EZSU 8-25-91	1	EA				1839	00
000-119				CREW MILEAGE	150	mi			1.35	202	50
009-019				PUMP CHARGE	8	HR	570	FT		1615	00
TOTAL COST \$17,719.00											
SPECIAL DISCOUNT											
											2501.13

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-966607** 8052 50

WAS JOB SATISFACTORILY COMPLETED?  
 WAS OPERATION OF EQUIPMENT SATISFACTORY?  
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY?

x Raymond H. Allen  
 CUSTOMER OR HIS AGENT (PLEASE PRINT)  
 - Raymond H. Allen

Raymond H. Allen  
 HALLIBURTON OPERATOR

HALLIBURTON  
 15,197 87

APPLICABLE TAXES WILL BE ADDED ON INVOICE.



# BULK MATERIALS DELIVERY AND TICKET CONTINUATION

**HALLIBURTON SERVICES**  
A Division of Halliburton Company

FOR INVOICE AND TICKET NO. 11851

DATE 08-22-91	CUSTOMER ORDER NO. AFE 63512 - 451550	WELL NO. AND FARM Tow Creek Unit #HD-10-36	COUNTY RowTT	STATE Colo.
CHARGE TO Oryx		OWNER Same	CONTRACTOR Colo well	
MAILING ADDRESS		DELIVERED FROM Vernal, Utah	LOCATION CODE 55685	PREPARED BY J C Brewer
CITY & STATE		DELIVERED TO Location	TRUCK NO. 52312 2528 5209	RECEIVED BY D. BAILEY

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
504-050	516.00261			Premium Plus Cement	40	sk			8.86	354	40
504-050	516.00261			Premium Plus Cement	10	sk			8.86	88	60
504-050	516.00261			Prem Plus AG-	450	SK			8.86	3987	00
509-406				CALCIUM CHLORIDE (ON SIDE)	7	SKS			32.50	227	50

		Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES	
500-207						
			SERVICE CHARGE ON MATERIALS RETURNED		CU. FEET	
			SERVICE CHARGE		500 CU. FEET	575 00
500-306		Mileage Charge	47000 47,000 TOTAL WEIGHT	150 LOADED MILES	3525 TON MILES	2820 00
No. <b>B 966607</b>					CARRY FORWARD TO INVOICE	SUB-TOTAL
						8052 50



# WORK ORDER CONTRACT AND PRE-TREATMENT DATA

1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 111851

DISTRICT VERNAL UT

DATE 8-22-91

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: ORFX (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. HO 10-36 LEASE Tow CRK SEC 36 TWP. 6N RANGE 87W

ELD WC COUNTY Routt STATE COLO OWNED BY \_\_\_\_\_

### THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING			43.5	9 5/8	0	5395	
LINER							
TUBING			6.5	2 7/8	0	5195	
OPEN HOLE							SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
 THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
 PACKER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
 TOTAL DEPTH 5395 PBD MUD WEIGHT \_\_\_\_\_  
 CORE HOLE 9 5/8 43.5  
 INITIAL PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF  
 PRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

TREATMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED \_\_\_\_\_

PTA AS PER INSTRUCTED

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
  - To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees and costs of defense to the extent permitted by law for:
    - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
    - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
    - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section (b) and Section (c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness or any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution or marketing thereof or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections (b) and (c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

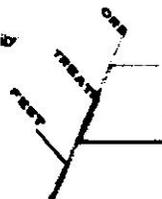
That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, log 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 against any damages arising from the use of such information.
  - That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's 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 or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
  - That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing if returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
  - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
  - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
  - That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT

SIGNED Raymond H. Allen CUSTOMER

DATE 8-22-91

10% T&G  
15% Cement



**WELL DATA**

FIELD \_\_\_\_\_ SEC. 36 TWP. 6N RNG. 27W COUNTY ROU STATE COLO

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ SPD. WATER \_\_\_\_\_ SPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

PRESENT PROD: OIL \_\_\_\_\_ SPD. WATER \_\_\_\_\_ SPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH 5395

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		43.5	7 5/8	0	5395	ASB
LINER						
TUBING		1.5	2 3/8	0	5175	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**JOB DATA**

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>8-22</u>	DATE <u>8-22</u>	DATE <u>8-22</u>	DATE <u>8-25</u>
TIME <u>0700</u>	TIME <u>1010</u>	TIME <u>1030</u>	TIME <u>1400</u>

**TOOLS AND ACCESSORIES**

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

**MATERIALS**

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL.<sup>API</sup>

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL.<sup>API</sup>

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. \_\_\_\_\_

PERFFAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<u>E. DANCIE</u>		<u>VERNAL</u>
<u>J. JARGENSEN</u>	<u>50412</u> <u>76125</u>	<u>11</u>
<u>L. SIMPSON</u>	<u>53212</u> <u>5709</u>	<u>11</u>
<u>O. BAILEY</u>	<u>37278</u>	<u>11</u>
<u>J. DRZUWEIT</u>	<u>50412</u> <u>76125</u>	<u>11</u>
<u>R. RIDDLE</u>	<u>37842</u>	<u>11</u>

DEPARTMENT SMT

DESCRIPTION OF JOB PTA

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

CUSTOMER REPRESENTATIVE X Raymond H. Allen

HALLIBURTON OPERATOR D. BAILEY COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SPOUND	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>150</u>	<u>II</u>		<u>P.P</u>	<u>B</u>	<u>NONE</u>	<u>1.15</u>	<u>15.6</u>
<u>2</u>	<u>125</u>	<u>II</u>		<u>P.P</u>	<u>B</u>	<u>2% CACL</u>	<u>1.15</u>	<u>15.6</u>
<u>3</u>	<u>200</u>	<u>II</u>		<u>P.P</u>	<u>B</u>	<u>2% CACL</u>	<u>1.15</u>	<u>15.6</u>
<u>4</u>	<u>15</u>	<u>II</u>		<u>P.P</u>	<u>B</u>	<u>2% CACL</u>	<u>1.15</u>	<u>15.6</u>
<u>5</u>	<u>10</u>	<u>II</u>		<u>P.P</u>	<u>B</u>	<u>NONE</u>		

**PRESSURES IN PSI**

**SUMMARY**

**VOLUMES**

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

REASON \_\_\_\_\_

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ FAD: BBL.-GAL. \_\_\_\_\_

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_

CEMENT SLURRY: BBL.-GAL. \_\_\_\_\_

TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

REMARKS SEE JOB 109

CUSTOMER ORYX  
LEASE TBM CRK  
WELL NO. HD 10-36  
JOB TYPE PTA  
DATE 8-22-91

**HALLIBURTON SERVICES**  
**JOB LOG**

WELL NO. 1010-36 LEASE TOW CREEK TICKET NO. 111851

CUSTOMER ORyx PAGE NO. 2

FORM 2013 R-2

JOB TYPE PTA DATE 8-23-91

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PLUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
2	1437	3.0	26			100		CMT AT PERFS
	1438	2.0	30			0		SHUT DOWN - LET WELL SUCK DISP
	1440	0	32			0		END DISP
	1442							END JOB - WELL ON VACUUM
	1445							RELEASED FOR DAY
								8-24-91
3	0600							CALLED OUT
	0730							ON LOC (SAFETY MEETING)
	0745	3.0	-					ROLL KCL WATER IN UPRIGHT
	1030	-	150					SHUT DOWN
	1050							RIN WITH RET SET @ 5000'
	1100	5.0	-			200		Roll HOLE WITH 7# KCL WATER
	1141	3.5	205			400		RETURN
	1242	-	380			-		SHUT DOWN
	1256					1500		STING OUT RET TEST RET
	1300					1500		TEST GOOD
	1300					-		STING IN RET
	1301	4.0	-			300		START INS TEST
	1305	4.0	15			600		END RATE SHUT DOWN
	1314	-	-			-		MIX CMT @ 15.6 1.15
	1316	2.5	-			100		START CMT
	1324	2.5	25.6			100		END CMT
	1325	2.5	-			100		START DISP
	1327	3.0	3			100		CMT @ RET
	1329	3.0	14.8			100		CMT @ HOLE
	1351	-	24			-		END DISP LEFT 300L ON RET
	1331	-	24			-		<del>STING</del> OUT OF RET
	1333	-	-			-		POOR WITH SETTING TOOL
	1500	-	-			-		LAY DOWN SETTING TOOL
	1500	-	-			-		RELEASED FOR DAY

BEST IMAGE AVAILABLE

CUSTOMER