

ORIGINAL

SIDE ONE

CONFIDENTIAL

FEB 06 1992

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

Operator: License # 5447

Name: OXY USA, Inc.

Address P. O. BOX 26100

Oklahoma City, OK 73126-0100

City/State/Zip

Purchaser: CITGO

Operator Contact Person: Raymond Hui

Phone (405) 749-2471

Contractor: Name: Red Tiger Drilling

License: 5302

Wellsite Geologist: Bill Keller

## Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover  
☒ Oil ☐ SWD ☐ Temp. Abd.  
☐ Gas ☐ Inj ☐ Delayed Comp.  
☐ Dry ☐ Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

10-24-90

11-3-90

12-4-90

Spud Date

Date Reached TD

Completion Date

**INSTRUCTIONS:** This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Vic Tumlinson

Title Operations Drilling Manager

Date 1-14-91

Subscribed and sworn to before me this 14th day of January, 1991.

Notary Public

Ray Ann Kilmer

Date Commission Expires

4-16-94

API NO. 15- 147-20, 520 -00-00

County Phillips

FROM CONFIDENTIAL

CNW/4 NE/4 SE/4 Sec. 32 Twp. 5 Rge. 20W ☒ East West

2310

Ft. North from Southeast Corner of Section

990

Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

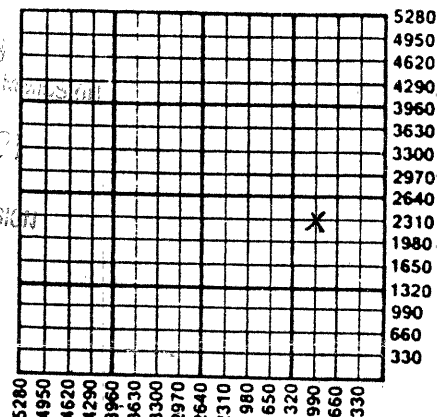
Lease Name Ray "A" Well # 9

Field Name Ray

Producing Formation Reagan

Elevation: Ground 2190' KB 2195'

Total Depth 3658' PBD 3636'



Amount of Surface Pipe Set and Cemented at 369' Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set DV Tool at 1700 Feet

If Alternate II completion, cement circulated from 1700

feet depth to 0 w/ 400 sx cmt.

## K.C.C. OFFICE USE ONLY

F ☒ Letter of Confidentiality Attached  
C ☒ Wireline Log Received  
C ☐ Drillers Timelog Received

## Distribution

☒ KCC ☐ SWD/Rep ☐ NGPA  
☐ KGS ☐ Plug ☐ Other  
(Specify)



ORIGINAL

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

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

INVOICE NO. 904377 DATE 10/24/1990

WELL LEASE NO./PLANT NAME

WELL/PLANT LOCATION

STATE

FROM WELL/PLANT OWNER

RAY A-9

AFE

PHILLIPS

KS

OXY USA

SERVICE LOCATION

CONTRACTOR

JOB PURPOSE

TICKET DATE

OBERLIN

RED TIGER

CEMENT SURFACE CASING

10/24/1990

ACCT. NO.

CUSTOMER AGENT

VENDOR NO.

CUSTOMER P.O. NUMBER

SHIPPED VIA

FILE NO.

659167 GEORGE ADELHARDT

E-26

COMPANY TRUCK 04005

OXY USA INC.  
REGIONAL OFFICE  
ATT: G. I. MCFARLAND  
PO BOX 26100  
OKLAHOMA CITY, OK 73126-0100

DIRECT CORRESPONDENCE TO:  
SUITE 1300  
LIBERTY TOWER  
100 BROADWAY AVENUE  
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA	A - MID CONTINENT				
000-117	MILEAGE	55	MI	2.35	129.25
		1	UNT		
001-016	CEMENTING CASING	372	FT	480.00	480.00
		1	UNT		
030-503	CMTG PLUG LA-11,CP-1,CP-3,TOP	8 5/8	IN	59.00	59.00
		1	EA		
40	CENTRALIZER 8-5/8" MODEL S-4	3	EA	53.00	159.00
807.93059					
504-308	STANDARD CEMENT	250	SK	6.75	1,687.50
509-406	ANHYDROUS CALCIUM CHLORIDE	9	SK	25.75	231.75
507-210	FLOCELE	62	LB	1.30	80.60
500-207	BULK SERVICE CHARGE	272	CFT	1.10	299.20
500-306	MILEAGE CMTG MAT DEL OR RETURN	667.76	TMI	.75	500.82
INVOICE SUBTOTAL					3,627.12
DISCOUNT-(BID)					627.12-
INVOICE BID AMOUNT					3,000.00
*-KANSAS STATE SALES TAX					125.43
*-DECATUR COUNTY SALES TAX					29.51
91572262X23601/724 OKLAHOMA CITY E&P					
DISB. APPR. DATE REC'D NOV 29 1990					
CO-DIV-SUP	LOC-CODE	DUE DATE	SPL RPT. CD.		
327-77	1332		006		
S/U TAX	MC	PC	BID	ACCTG. APPR.	CASH DISB.
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,154.94

STATE OF KANSAS  
JUL 10 1991  
CONSERVATION DIVISION  
Wichita, Kansas

AFFIX JOB TKT

TERMS

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 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 AN ATTORNEY 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.

FORM 1900-R3

PAGE: 1



ORIGINAL

ORIGINAL

HALLIBURTON SERVICES

INVOICE



A Halliburton Company

RELEASED TO:

P.O. BOX 351046  
DALLAS, TX 75395-1046

FROM CONFIDENTIAL

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	904364	11/03/199
RAY A-9		PHILLIPS		KS	OXY USA INC.	
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE			TICKET DATE	
OBERLIN	RED TIGER DRILL	CEMENT PRODUCTION CASING			11/03/199	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
659167	JIM NOWELL	E-26		COMPANY TRUCK	0465	

OXY USA INC.  
REGIONAL OFFICE  
ATT: G. I. MCFARLAND  
PO BOX 26100  
OKLAHOMA CITY, OK 73126-0100

DIRECT CORRESPONDENCE TO:

SUITE 1300  
LIBERTY TOWER  
100 BROADWAY AVENUE  
OKLAHOMA CITY, OK 73102-0000

PRICE REF NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	55	MI	2.35	129.25
000-118	MILEAGE SURCHARGE-CEMENT-LAND	1	UNT		
007-013	MULT STAGE CEMENTING-1ST STAGE	55	MI	.40	22.00
001-016		1	EA		
007-161	MULT STAGE CEMENTING-ADD STAGE	3657	FT	1,145.00	1,145.00
018-317	SUPER FLUSH	1	UNT		
26	INSERT VALVE F. S.- 5 1/2" 8RD	1	STG	950.00	950.00
847.6318		1	UNT		
27	FILL-UP UNIT 5 1/2"-6 5/8"	12	SK	74.00	888.00
815.19311		1	EA	223.00	223.00
40	CENTRALIZER 5-1/2" MODEL S-4	1	EA	30.00	30.00
807.93022		9	EA	44.00	396.00
71	MULT STAGE CMTR-5-1/2 8RD	1	EA	2,450.00	2,450.00
813.80300		1	EA		
75	PLUG SET 5 1/2"	1	EA	400.00	400.00
812.0162		1	EA		
320	CEMENT BASKET 5 1/2"	2	EA	90.00	180.00
800.8883		2	EA		
350	HALLIBURTON WELD-A	2	LB	11.00	22.00
890.10802					
504-308	STANDARD CEMENT	25	SK	6.75	168.75
506-105	POZMIX A	25	SK	3.50	87.50
506-121	HALLIBURTON-GEL 2%	1	SK	.00	N/C
509-968	SALT	239	LB	.10	23.90
507-775	HALAD-322	63	LB	5.75	362.25
507-210	FLOCELE	13	LB	1.30	16.90
504-308	STANDARD CEMENT	125	SK	6.75	843.75
507-775	HALAD-322	118	LB	5.75	678.50
507-210	FLOCELE	31	LB	1.30	40.30

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

TERMS

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 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 AN ATTORNEY 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.

AFFIX JOB TKT

FORM 1900-R3

PAGE: 1

## BULK MATERIALS DELIVERY

AND

TICKET CONTINUATION

FOR INVOICE AND RELEASED

ORIGINAL

CONFIDENTIAL

FEB 6 1992

HALLIBURTON SERVICES

Circleville, Oklahoma 73536

A Division of Halliburton Company

DATE 11/3/90	CUSTOMER ORDER NO. (AFE)	WELL NO. AND FARM A-9 Ray	COUNT Phillips	STATE FROM CONFIDENTIAL
CHARGE TO OXY USA Inc.		OWNER OXY USA Inc.	CONTRACTOR Red Tiger Drig.	No. <b>B 822328</b>
MAILING ADDRESS Regional Office Attn: G.I. McFarland P.O. Box 26100		DELIVERED FROM Oberlin, KS	LOCATION CODE 25529	PREPARED BY Lyle/Gary/Jerry
CITY & STATE Oklahoma City, OK 73126-0100		DELIVERED TO S/Logan, KS	TRUCK NO. 50181/4718	RECEIVED BY

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
504-308		1	B	Standard Cement	25	sk			6.75	168.75	
506-105		1	B	Pozmix 'A'	25	sk			3.50	87.50	
506-121		1	B	(1) Halliburton Gel Allowed 2%						N/C	
509-968		1	B	Salt Granulated	239 <del>121</del>	lb			.10	23.90	
507-775		1	B	Halad-322	63	lb			5.75	362.25	
507-210		1	B	Flocele	13	lb			1.30	16.90	
504-308		1	B	Standard Cement	125	sk			6.75	843.75	
507-775		1	B	Halad-322	118	lb			5.75	678.50	
507-210		1	B	Flocele	31	lb			1.30	40.30	
504-316		1	B	Halliburton Light Cement	400	sk			6.10	2,440.00	
507-210		1	B	Flocele	100	lb			1.30	130.00	
504-308		1	B	260 sks. Std. Cmt.							
506-105		1	B	140 sks. Pozmix 'A'							
507-277		1	B	20 sks Halliburton Gel							
509-968		1	B	Salt Granulated (On Side)	300	lb			.10	30.00	
500-307		1	B	Mileage Surcharge	1468.89	TMI			.10	146.89	
				Returned Mileage Charge	TOTAL WEIGHT		LOADED MILES		TON MILES		
				SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET			
500-207		1	B					588.		1.10	646.80
				SERVICE CHARGE				CU. FEET			
500-306		1	B	53,414		55	1468.89		.75	1,101.67	
				Mileage Charge	TOTAL WEIGHT		LOADED MILES		TON MILES		
No. <b>B 822328</b>				CARRY FORWARD TO INVOICE					SUB-TOTAL		6,717.21

FORM 1911 - R6 REV. 8-85

EXTRA COPY

ORIGINAL

HALLIBURTON SERVICES

Duncan, Oklahoma 73538

A Division of Halliburton Company

TICKET

NO. 904364

X

FORM 1906 R-11

FEB 7 6 1992

WELL NO. - FARM OR LEASE NAME <u>R-101 (A.F.E.)</u>		COUNTY <u>Phillips</u>	STATE <u>Ks</u>	CITY / OFFSHORE LOCATION	DATE <u>FEB 7 6 1992</u>
CHARGE TO <u>Oil Well</u>		OWNER <u>Oxy USA</u>	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 <u>Oxy USA</u>		CONTRACTOR <u>R-101</u>	LOCATION <u>106-1-1</u>		CODE <u>23529</u>
CITY, STATE, ZIP		SHIPPED VIA <u>4718.5081</u>	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		LOCATION <u>2</u>
WELL TYPE <u>O.I.O.I</u>	WELL CATEGORY <u>Oil Development</u>	WELL PERMIT NO. <u>B-822328</u>	DELIVERED TO <u>S. Horgan, Ks</u>		LOCATION <u>3</u>
TYPE AND PURPOSE OF JOB <u>035-Cmt Prod Gng</u>		ORDER NO.	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 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 an attorney 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. These terms and conditions shall be governed by the law of the state where 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, 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 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.

PRICE REFERENCE	SECONDARY REF. OR PART NO.	QTY	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
005-107		1		MILEAGE - 3579	35	mi.			233	129	25
000-118		1		Mileage Surcharge	35	mi.			40	22	00
007-013	001-016	1		Pump Charge - 1 <sup>st</sup> Stg.	3687	ft	8	hr		1145	00
007-161		1		Pump Charge 2 <sup>nd</sup> Stg.	1705	ft	8	hr		950	00
018-317		1		Super Flush	12	ea	500	Gal	74 <sup>00</sup>	888	00
26	8476318	1		Insert Valve Flt + Shc	1	ea	5 1/2	in		223	00
27	815-19311	1		Auto-Fill Assy	1	ea	10	in		30	00
40	80793022	1		S-4 Centrifuge	9	ea	5 1/2	in	44 <sup>00</sup>	396	00
71	813-10351	1		Multiple Stage Cntr.	1	ea	5 1/2	in		2450	00
75	812-0162	1		O.V. Plug Set	1	ea	5 1/2	in		400	00
320	800-8883	1		Cement Basket	2	ea	5 1/2	in	90 <sup>00</sup>	180	00
350	810-10802	1		Halliburton Well A	2	ea	1	lb	11 <sup>00</sup>	22	00

STATE RECEIVED  
CORPORATION COMMISSION  
FEB 7 1992  
CORPORATION COMMISSION  
OKLAHOMA

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B-822328

6717.21

WAS JOB SATISFACTORILY COMPLETED? \_\_\_\_\_

WAS OPERATION OF EQUIPMENT SATISFACTORY? \_\_\_\_\_

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? \_\_\_\_\_

X Jim Nowell  
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X Jim Nowell  
CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

S. Horgan  
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

RETAIN

**ORIGINAL**
**WELL DATA**

FIELD \_\_\_\_\_ SEC \_\_\_\_\_ TWP \_\_\_\_\_ RNG \_\_\_\_\_ COUNTY \_\_\_\_\_ STATE \_\_\_\_\_ **FEB 06 1992**

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						FROM CONFIDENTIAL
LINER						
TUBING						
OPEN HOLE						SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**JOB DATA**

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE _____	DATE _____	DATE _____	DATE _____
TIME _____	TIME _____	TIME _____	TIME _____

**TOOLS AND ACCESSORIES**

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

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
S. Dobson	26554	Calgary
H. Berry	3519, REM HT 400	"
G. Bryant	50181	"
T. Kelly	4718	"
H. Hughes	Field S-P	"

**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 \_\_\_\_\_ CA \_\_\_\_\_ 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 \_\_\_\_\_

DEPARTMENT \_\_\_\_\_

DESCRIPTION OF JOB \_\_\_\_\_

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

CUSTOMER REPRESENTATIVE \_\_\_\_\_

HALLIBURTON OPERATOR \_\_\_\_\_

COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT/SK.	MIXED LBS/GAL.
1	50	50/50	50-B	B	2 1/2% 10% S H 4 1/2 Flocc 1.5% H 322	1.29	14.38
	125	Reg	50-B	B	2 1/2% 10% S H 4 1/2 Flocc 1.5% H 322	1.18	15.6
2	400	11LC	50-B	A	4 1/2 Flocc	1.84	13.7

**PRESSURES IN PSI**
**SUMMARY**
**VOLUMES**

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL-GAL \_\_\_\_\_ TYPE \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD: BBL-GAL \_\_\_\_\_ PAD: BBL-GAL \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL-GAL \_\_\_\_\_ DISPL: BBL-GAL \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL-GAL \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL-GAL \_\_\_\_\_

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

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

TREATING \_\_\_\_\_ DISPL \_\_\_\_\_ CEMENT LEFT IN PIPE \_\_\_\_\_

FEET \_\_\_\_\_ REASON \_\_\_\_\_



WORK ORDER CONTRACT  
AND PRE-TREATMENT DATAATTACH TO  
INVOICE & TICKET NO.RELEASED  
90734DISTRICT Oberlin, Ks.DATE 11/3/90

TO: HALLIBURTON SERVICES

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE  
FROM CONFIDENTIAL

THE SAME AS AN INDEPENDENT CONTRACTOR TO:

Oxy USA

AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

(CUSTOMER)

WELL NO. A-9 LEASE Ray SEC. 32 TWP. SS RANGE SSFIELD \_\_\_\_\_ COUNTY Phillips STATE Ks. OWNED BY Oxy USA

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

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

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

PACKER: TYPE D.V. Tool SET AT 1705'

TOTAL DEPTH 3658' MUD WEIGHT \_\_\_\_\_

BORE HOLE 7 7/8"

INITIAL PROD: CIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

PRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>N</u>	<u>140</u>	<u>5 1/2"</u>	<u>KB</u>	<u>3657'</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

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

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

1st Stage: 50sbs 50/50 Pz, 10% Salt, 2% Gel, 1 1/4lb Flocele, 1.5% H-322

125sbs Std, 1 1/4lb Flocele, 1% H-322

2nd Stage: 400sbs HLC 1 1/4lb Flocele

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

- a) 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.
- b) 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:
1. 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.
  2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
  3. 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 of 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.

- c) 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, 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 against any damages arising from the use of such information.
- d) 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.
- e) 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 until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
- g) That this contract shall be governed by the law or the state where services are performed or materials are furnished.
- h) 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 \_\_\_\_\_

CUSTOMER

DATE 11/3/90TIME 1000 hrs. A.M. P.M.

RETAIN

## JOB LOG

WELL NO.

AA

LEASE

Ray

TICKET NO.

101607

CUSTOMER

Oxy USA

PAGE NO.

1 of 2

JOB TYPE

Cont. Slt. Prod. Cng.

DATE

11/3/95

RELEASED

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0100		ORIGINAL					On 400 ft. R. Cng. - 101607
	1045							1. Pipe to T.R. + Casing Hole
	1320							Fin Circ. Start keying down Drill Pipe
	1440							Drill Pipe in Bkts. Rig up to run Str. Cng.
								Start Cng. in hole, Insert Float Shoe, Shut-off Baffle in 12" collar, Centralizer's on 1 <sup>st</sup> , 3 <sup>rd</sup> , 5 <sup>th</sup> , 7 <sup>th</sup> , 9 <sup>th</sup> , 11 <sup>th</sup> , 13 <sup>th</sup> , 46 <sup>th</sup> , 48 <sup>th</sup> collar, Cmt. Bkt. bottom at 3 <sup>rd</sup> , 47 <sup>th</sup> Jt., D.V. Tool on 47 <sup>th</sup> collar @ 1705'
	1615							Drop Ball 3 Jt's off Bottom
	1630							Cng. on bottom. Rig up Head to Mud Pump
	1640							Break Circ. Rec. p. Cng.
	1725							Fin Circ. Hook to Truck
	1729	6 1/2						Start 40 Bbl Salt Flush, 1 sk Desc. in 12" 20 Bbl Rec. p. Cng.
	1734	"	40 Salt Flush					Finish Salt Flush - St. Fresh H <sub>2</sub> O Spacer
	1735	"	3 Fresh H <sub>2</sub> O					Start 500 Gal Super Flush
	1737		12 Super Flush					Start Fresh H <sub>2</sub> O Spacer
	1738	5	3 Fresh H <sub>2</sub> O					Start 50 sks 50/50 P <sub>2</sub> , 125 sks Std.
	1748	—	37 1/2					Fin. Cmt. Shut Down - Wash out Pump + lines - hook + Release Shut off Plug
	1749	8						St. Displ. - Fresh H <sub>2</sub> O
	1755	"	46-160					250 St. Mud Displ.
	1800	—	42 Mud					1,500 Plug Down - Holding
	1805							Release Press - Holding - Drop D.V. Opening Bomb
	1825							13250 Open D.V.
	1830							Hook up to Rig Pump Circ Cng.
								See Page 2

RETAIN

## JOB LOG

WELL NO. 4.9

LEASE KEY

TICKET NO. 10-1-04

CUSTOMER Oxy USA

PAGE NO. 2.12

JOB TYPE Cmt 5/1/90

DATE 11/1/90

FORM 2013 R-2

RELEASED

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS C	PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
					TUBING	CASING	
							FFB 6 1991
							FROM CONFIDENTIAL
							10/1/90 - 11/1/90
							" 4.9 10/1/90 - 11/1/90
							— Fx Cmt - 10/1/90 - 11/1/90
							250 Release Plug - 5' Plug
							1,700 Plug Down - Holding
							— Release Press - Holding
							1,700 Press up - Holding
							— Release Press - Holding
							" 22 Bbl Cmt Cnc "
							Job Complete
							" Thank You "
							Scott, Harold, Gary, Tilley
							+ Harold
							J. Gowell oxy
							H.D. Hughes CIRC. Cement
							11-3-90
							2030 HP
							George, Adelhardt
							Red Tiger Rig #2
							RECEIVED
							SECTION COMMISSION
							FFB 6 1991
							SECTION COMMISSION
							UNION, Kansas

RETAIN