

CONFIDENTIAL

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

ORIGINAL

API NO. 129-21251-0000
County Morton
33 E
- C - NE Sec. 20 Twp. 23S Rge. 42 X W

Operator: License # 5447

3960 Feet from (X) (circle one) Line of Section

Name: OXY USA Inc.

1320 Feet from (X) (circle one) Line of Section

Address P. O. Box 26100

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

City/State/Zip Oklahoma City, Ok 73126-0100

Lease Name Smith O Well # 2

Purchaser: None

Field Name Winter

Operator Contact Person: Jerry Ledlow

Producing Formation Morrow L-2

Phone (405) 749-2309

Elevation: Ground 3533 KB 3544

Contractor: Name: Duke Drilling Inc

Total Depth 5350 PBTD 5120

License: 5929

Amount of Surface Pipe Set and Cemented at 1376 Feet

Wellsite Geologist: _____

Multiple Stage Cementing Collar Used? X Yes _____ No

Designate Type of Completion

If yes, show depth set DV Tool @ 3925 Feet

New Well _____ Re-Entry _____ Workover

If Alternate II completion, cement circulated from _____

_____ Oil _____ SWD _____ SIOW Temp. Abd.

feet depth to _____ w/ _____ sx cmt.

_____ Gas _____ ENHR _____ SIGW

Drilling Fluid Management Plan ALT 1 & 10-7-94
(Data must be collected from the Reserve Pit)

_____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover: _____

RELEASED

Operator: _____

Chloride content 1650 ppm Fluid volume 5640 bbls

Well Name: _____

JUN 2 8 1995

Dewatering method used Evaporation

Comp. Date _____

Location of fluid disposal if hauled offsite: _____

FROM CONFIDENTIAL

RECEIVED

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD

KANSAS CORPORATION COMMISSION

_____ Plug Back _____ PBTD

Operator Name _____

_____ Commingled _____ Docket No. _____

Lease Name MAY 25 1994 License No. _____

_____ Dual Completion _____ Docket No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

_____ Other (SWD or Inj?) _____ Docket No. _____

County WICHITA, KS Docket CONFIDENTIAL

1/27/94 _____ 2/11/94 _____ Pending _____

Spud Date _____ Date Reached TD _____ Completion Date _____

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

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

Signature [Signature]

Title Staff Analyst Date 5/24/94

Subscribed and sworn to before me this 24th day of May, 19 94.

Notary Public Cari Allen

Date Commission Expires 7-14-95

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

PI

Operator Name OXY USA Inc. Lease Name Smith O Well # 2

Sec. 20 Twp. 33S Rge. 42 East West
 County Morton

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

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.) See Attached

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:
 Microlog
 Long Spaced Sonic Log
 Shiva Six Electrode Dipmeter Computation

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample		
Name	Top	Datum
Heebner	3229	+ 313
Lansing	3296	+ 246
Marmaton	3896	- 354
Cherokee	4184	- 642
Morrow	4426	- 884
L-1 sand	4514	- 972
L-2 sand	4551	- 1009
Keyes	4928	- 1386
Chester	4941	- 1399
Ste. Genevieve	5064	- 1522
St. Louis	5136	- 1594

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	1376	See 1* Below		
Production	7 7/8"	5 1/2"	14	5304	See 2* Below		

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				*1 450sx 65/35 Class C pozmix c/6% gel, 2% Cacl & 1/4# Flocele, followed 125sx CL C c/2% Cacl & 1/4# Flocele. Cmt circ'd to surface. Cmt fell 19' in 4 hrs. Topped out w/ pea gravel & dry cmt. *2 1st stage 475sx 50/50 Class H pozmix w/2% gel, 12% salt, 1/2% CF-2, 2% cacl, 1/4# Flocel. 2nd stage pumped 725sx 65/35 Class C pozmix c/2%gel, 1/4# Flocel. Cmt circ to surface.

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
4	5150-54	Acidized w/1000 gal 15% FE	
4	4467-72		
	CIBP @ 5120		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8	4561	4500	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. Pump Testing		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

Disposition of Gas: **METHOD OF COMPLETION** Production Interval 4467-4472

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

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

OXY USA Inc.
Smith O #2
Morton County Kansas

Drill Stem Test Taken

ORIGINAL

API# 15-129-21251

CONFIDENTIAL

DST #1

4437-4446

Initial flow (30 mins) IFP 661 PSIG. Initial SI (60 mins) ISIP 1401 PSIG
Final flow (35 mins) FFP 1048 PSIG Oil to surface. Final SI (120 mins)
FSIP 1401 PSIG. TOT FLUID 1700 CC. Oil 1700 CC. API grav 42 @ 80 degrees.
Gas sample.85 CU FT 940 PSIG

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 25 1994

CONSERVATION DIVISION
WICHITA, KS

KCC

MAY 24

CONFIDENTIAL

RELEASED

JUN 28 1995

FROM CONFIDENTIAL

CUSTOMER COPY



HALLIBURTON

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

INVOICE

ORIGINAL CONFIDENTIAL

INVOICE NO.	DATE
574779	01/29/1994

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
SMITH 0-2		MORTON		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
LIBERAL		DUKE DRILLING		CEMENT SURFACE CASING	
ACCT. NO.		CUSTOMER AGENT		VENDOR NO.	
659167		TERRY YODER		E-26	
CUSTOMER P.O. NUMBER		SHIPPED VIA		FILE NO.	
		COMPANY TRUCK		63228	

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

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

9-1573031 x 23601/724

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE CEMENTING ROUND TRIP	152	MI	2.75	418.00
		1	UNT		
001-016	CEMENTING CASING	1375	FT	1,060.00	1,060.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	8	5/8 IN	130.00	130.00
		1	EA		
504-050	CEMENT - PREMIUM PLUS	125	SK	9.96	1,245.00
504-120	CEMENT - HALL. LIGHT PREM PLUS	450	SK	8.75	3,937.50
507-210	FLOCELE	144	LB	1.40	201.60
509-406	ANHYDROUS CALCIUM CHLORIDE	10	SK	28.25	282.50
500-207	BULK SERVICE CHARGE	605	CFT	1.35	816.75
500-306	MILEAGE CMTS MAT DEL OR RETURN	1246.439	TMI	.95	1,184.12

INVOICE SUBTOTAL

DISCOUNT-(BID) ²⁸
INVOICE BID AMOUNT _{WS}

*-KANSAS STATE SALES TAX
*-SEWARD COUNTY SALES TAX

RECEIVED
KANSAS CORPORATION COMMISSION

RELEASED
JUN 2 8 1995
FROM CONFIDENTIAL

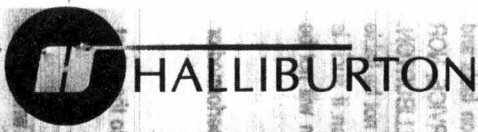
MAY 25 1994
CONSERVATION DIVISION
WICHITA, KS

KCC
MAY 24
CONFIDENTIAL

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> \$6,036.03

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.



HALLIBURTON ENERGY SERVICES

FORM 1806 R-13

CHARGE TO: **OXY USA**
 ADDRESS: **CONFIDENTIAL**
 CITY, STATE, ZIP CODE: **1 FE**

COPY

TICKET

No. **574779 - 7**
 PAGE **1** OF **1**

1. SERVICE LOCATIONS 1. REID 025540	WELL/PROJECT NO. 0-2	LEASE Smith	COUNTY/PARISH Marion	STATE KS	CITY/OFFSHORE LOCATION	DATE 1/9/94	OWNER SAME
2. Huilton 025535	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR Duke Drilling	RIG NAME/NO.	SHIPPED VIA House	DELIVERED TO LOCATION	ORDER NO.
3.	WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 010	WELL PERMIT NO.	WELL LOCATION North Elkhart KS		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
000-117					MILEAGE	152	MI	1	2.75	418.00
001-016					Pump charge	6	HRS	13.75	1060.00	1060.00
030-018					5" plug	8 1/2	IN	1	EA	130.00

ORIGINAL

RELEASED JUN 2 8 1995

FROM CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION

MAY 2 5 1994

KOU

MAY 2 4

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.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE
X *[Signature]*

DATE SIGNED _____ TIME SIGNED _____

A.M. P.M.

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

SUB SURFACE SAFETY VALVE WAS:

PULLED & RETURN PULLED RUN

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

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

PAGE TOTAL	1608	0
FROM CONTINUATION PAGE(S)	2667	4
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	9275	47

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) **Terry Yoder** CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) **X** *[Signature]* HALLIBURTON OPERATOR/ENGINEER **ROBERT ALWOOD** EMP # **01930** HALLIBURTON APPROVAL _____



HALLIBURTON
ENERGY SERVICES

CONFIDENTIAL

TICKET CONTINUATION

COPY

161

TICKET No. 574779

CUSTOMER: OXY USA
WELL: Smith 0-2
DATE: 01-29-94
PAGE: OF

FORM 1911 R-8

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	U/M		
504-050	516.00265					Premium Plus Cement	125	sk	9.96	1245.00
504-120						Halliburton Light Cemet	450	sk	8.75	3937.50
504-050	516.00265									
506-105	516.00286									
506-121	516.00259									
507-210	890.50071					Flocele 1/2"W/ 575	144	lb	1.40	201.60
509-406	890.50812					Calcium Chloride 2"W/ 575	10	sk	28.25	282.50
500-207						SERVICE CHARGE				
							CUBIC FEET	605	1.35	816.75
500-306						MILEAGE CHARGE	TOTAL WEIGHT	54193	LOADED MILES	46
							TON MILES	1246.439	.95	1184.12

ORIGINAL

RELEASED

JUN 2 8 1995

FROM CONFIDENTIAL

RECEIVED

KANSAS CORPORATION COMMISSION

MAY 2 5 1994

CONSERVATION DIVISION
WICHITA, KS

KCC

MAY 2 4

CONFIDENTIAL

CONTINUATION TOTAL

7,666 7.47

CUSTOMER COPY



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

INVOICE

ORIGINAL CONFIDENTIAL

INVOICE NO.	DATE
574600	02/11/1994

WELL LEASE NO./PROJECT SMITH "O" 2		WELL/PROJECT LOCATION MORTON		STATE KS	OWNER OXY
SERVICE LOCATION LIBERAL		CONTRACTOR DUKE DRLG		JOB PURPOSE CEMENT PRODUCTION CASINO	
TICKET DATE 02/11/1994					
ACCT. NO. 659167	CUSTOMER AGENT TERRY YODER	VENDOR NO. E-26	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 63957

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

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

9-1573031 x 2360.1 / 724

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	150	MI	2.75	412.50
		1	UNT		
007-013	MULT STAGE CEMENTING-1ST STAGE	5304	FT	1,755.00	1,755.00
001-016		1	UNT		
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	1,295.00	1,295.00
		1	UNT		
018-315	MUD FLUSH	1260	GAL	.65	819.00
504-131	CEMENT - 50/50 POZMIX PREMIUM	475	SK	7.20	3,420.00
504-050	CEMENT - PREMIUM PLUS	471	SK	9.96	4,691.16
506-105	POZMIX A	18796	LB	.067	1,259.33
506-121	HALLIBURTON-GEL 2X	13	LB	.00	N/C
507-210	FLOCELE	300	LB	1.40	420.00
507-153	CFR-3	100	LB	4.85	485.00
509-968	SALT	2730	LB	.13	354.90
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	28.25	226.00
500-207	BULK SERVICE CHARGE	1275	CFT	1.35	1,721.25
500-306	MILEAGE CMTG MAT DEL OR RETURN	2393.666	TMI	.95	2,273.98

RELEASED

JUN 2 8 1995

FROM CONFIDENTIAL

KCC

INVOICE SUBTOTAL

MAY 2 4

19,133.12

DISCOUNT-(BID) ✓
INVOICE BID AMOUNT

RECEIVED CONFIDENTIAL
KANSAS CORPORATION COMMISSION

7,270.57-
11,862.55

*-KANSAS STATE SALES TAX
*-SEWARD COUNTY SALES TAX

MAY 2 5 1994
CONSERVATION DIVISION
WICHITA, KS

440.41
89.88

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> \$12,392.84

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.



ADDRESS **Oxy USA**
 CITY, STATE, ZIP CODE **CONFIDENTIAL**

No. **574600 - 4**

FORM 1906 R-13

PAGE **1** OF **1**

SERVICE LOCATIONS 1. Liberal 025640	WELL/PROJECT NO. 2	LEASE Smith "O"	COUNTY/PARISH Morton	STATE KS	CITY/OFFSHORE LOCATION	DATE 2-11-94	OWNER Oxy
2. Hugoton 025535	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR Duke Drlys	RIG NAME/NO. Duke 6	SHIPPED VIA Loc	DELIVERED TO	ORDER NO.
3.	WELL TYPE 02	WELL CATEGORY 01	JOB PURPOSE 035 5 1/2 D.V.	WELL PERMIT NO.	WELL LOCATION Not 214447 KS		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING LOC ACCT. DF	DESCRIPTION	QTY. U/M	QTY. U/M	UNIT PRICE	AMOUNT
000-117		1	MILEAGE	150 mi.	1/cr	2.75	412.50
007-013	001-016	1	Pump Charge	5304 ft	6 hr		1,755.00
007-161		1	2nd Stage Pump Charge	3925 ft	6 hr		1,295.00
018-315		1	Mud Flush	1260 gal		.65	819.00
RECEIVED MAY 27 1994 CONSERVATION DIVISION WICHTA, KS CONFIDENTIAL MAY 24 ncl FROM CONFIDENTIAL JUN 2 8 1995 RELEASED 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.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE
 X *Terry Yoder*

DATE SIGNED **2-11-94** TIME SIGNED **02:30** A.M. P.M.

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

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	4,281.50
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			FROM CONTINUATION PAGE(S)	14,851.62
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?				19,133.12
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO			SUB-TOTAL	
		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			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) Terry Yoder	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X <i>Terry Yoder</i>	HALLIBURTON OPERATOR/ENGINEER Jim Bohannon	EMP # 87743	HALLIBURTON APPROVAL 403870
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HALLIBURTON ENERGY SERVICES

CONFIDENTIAL

TICKET CONTINUATION

ORIGINAL

TICKET No. 574600

CUSTOMER OXY USA

WELL SMITH "O" #2

DATE 02-10-94

PAGE 1 OF 1

FORM 1911 R-9

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-131					50/50 PREMIUM POZMIX CEMENT	475		SK		7 20	3420 00
504-043	516.00272										
506-105	516.00286										
506-121	516.00259										
504-050	516.00265				725 C.F. 65/35 PREMIUM + POZMIX CEM.						
504-050	516.00265				PREMIUM PLUS CEMENT	471		SK		9 96	4691 16
506-205	516.00286				POZMIX A	18,796		LB		.067	1259 13
506-121	516.00259				HALLIBURTON GEL 2%	13		SK			N7C
507-210	890.50071				FLOCELE 1/4#W/ 1200	300		LB		1 40	420 00
507-153	516.00161				DFR-3 .25#W/ 475	100		LB		4 85	485 00
509-968	516.00315				GRANULATED SALT 12#W/ 475	2730		LB		13	354 90
509-406	890.50812				CALCIUM CHLORIDE 2#W/ 475	8		SK		28 25	226 00
500-207					SERVICE CHARGE				CUBIC FEET	1 35	1721 25
500-306					MILEAGE CHARGE				TON MILES	95	2273 98
					TOTAL WEIGHT	108,803			LOADED MILES	44	

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 25 1994
CONSERVATION DIVISION
WICHITA, KS

RELEASED
JUN 28 1995
FROM CONFIDENTIAL

ORIGINAL

CONFIDENTIAL
MAY 24
ACU

CONTINUATION TOTAL 14851.62



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Mid. Cont.
Liberal Ks

BILLED ON TICKET NO. 574600

CUSTOMER

FIELD _____ SEC. 20 TWP. 38 S RANG. 42 W COUNTY Morton STATE Ks

CONFIDENTIAL

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 Chem MUD WT. 8.9

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH 5304

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	14	5 1/2	KB	5304	1500
LINER						
TUBING						
OPEN HOLE PERFORATIONS			ORIGINAL 7 3/8	SP	5304	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
2-10-94	2-11-94	2-11-94	2-11-94
TIME 22:00	TIME 02:00	TIME 06:45	TIME 15:00

TOOLS AND ACCESSORIES

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

RELEASED JUN 28 1995

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
Tim Bohannon	40076 P.O.	Liberal Ks
N Tate	37748	"
D Corpening	52823 P.	"
D McIntyre	75374 P.	"
D Hamilton	3856	Hugoton Ks
	62729	"
	63090	"
	4444	"
	7649	"

MATERIALS FROM CONFIDENTIAL

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API

DISPL. FLUID _____ DENSITY _____ LB/GAL. °API

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 _____

DEPARTMENT 5001

DESCRIPTION OF JOB 035 5 1/2 DU,

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

CUSTOMER REPRESENTATIVE X Jerry Y

HALLIBURTON OPERATOR T Bohannon COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	475	50/60 Poz	A	B	2% Gcl, 12% salt, .5% CFR-2, 2% cc, 1/4 lb flocc	1.24	14.6
2	725	6 1/2 Poz	C	B	2% Gcl, 1/4 lb flocc	2.06	12.2

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. 20 + 30 TYPE Ho mod flush

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 128.3

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 109.9

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS NCC

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 41 REASON Shoe ST

CONFIDENTIAL

USA

Smith O

WELL NO.

JOB TYPE

035

DATE

2-11-94

JOB LOG FORM 2013 R-4

CUSTOMER Oxy USA WELL NO. 2 LEASE Smith "0" JOB TYPE 035 O.V. TICKET NO. 574600

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	02:00							Call out Ready 02:30
	02:00							ON LOC Rig ON Lay Down O.P. Safety Meeting
								ORIGINAL
	06:45							CSG on Bottom Hook-up Cir Hole w Rig
	07:23							
		5	20				250	H ₂ O
		"	20				"	Mud Flush
	07:30	6	104.9				"	475 SK 50/50 Poz "4"
	07:52	-					-	Stop Wash Pumps & Line Drop Plc
		6 1/2	32.6				250	Displ w H ₂ O
		5	95.7				500	" w Only Mud
	08:20	2	128.3			RELEASED	680	Plug Down float Holding
	08:25					JUN 2 8 1995		Drop opening Bomb
	08:40						800	Tool open Cir Hole
						FROM CONFIDENTIAL		turn over To Rig Cir 4 hrs
								NUC
								2nd stage MAY 24
	12:58	6	10				250	Mud Flush
		"	265.9				250	725 SK 65/35 Poz CONFIDENTIAL
	13:40	-					-	Stop Wash Pumps & Line Drop Plc
	13:43	6					250	Displ w H ₂ O
		2	85				650	
	14:00	/	95.7				950	Plug Down Tool Closed 1500 Psi
								Stop 2,000 Psi release back Holding

RECEIVED KANSAS CORPORATION COMMISSION

MAY 25 1994

CONSERVATION DIVISION WICHITA KS

CIRCULATED To PIT 80 BBL 218 SKS

Thank you Tim & crew