

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 300

City/State/Zip Tulsa, OK 74102-0300

Purchaser: PEPL

Operator Contact Person: Raymond Hui

Phone (918) 561-3548

Contractor: Name: Cheyenne Drilling Co.

License: _____

Wellsite Geologist: None on site

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

4-26-96 5-10-96 6-20-96
Spud Date Date Reached TD Completion Date

API NO. 15-189-22065 **ORIGINAL**

County Stevens

C - SE - NE - NE Sec. 31 Twp. 34S Rge. 35 E W

4290 FSL Feet from SX (circle one) Line of Section

330 FEL Feet from EX (circle one) Line of Section

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

Lease Name Stalcup C Well # 3

Field Name Unnamed

Producing Formation Lower Morrow

Elevation: Ground 3030 KB _____

Total Depth 6850' PBTD 6420'

Amount of Surface Pipe Set and Cemented at 1662 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3278 Feet

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 JX 8-22-97
(Data must be collected from the Reserve Pit)

Chloride content 1800 ppm Fluid volume 2500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name 10-3-97

Lease Name _____ License No. _____

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

County _____ Docket No. _____

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

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

Signature Raymond Hui

Title Analyst Date 7-8-96

Subscribed and sworn to before me this 8th day of July, 1996.

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)

Operator NAME USA

Lease Name Stalcup C Well # 3

Séc. 31 Twp. 34S Rge. 35

County Stevens

East
 West

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

Drill Stem Tests Taken 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 Induction Log; Z-Densi Log
& Mini Log from 6846-1661'

Name	Top	Datum
Heebner	4356	-1344
Toronto	4366	-1354
Lansing	4490	-1478
Marmaton	4877	-1865
Cherokee	5512	-2500
Morrow	5897	-2885
L. Morrow	6191	-3179
L. Chester	6487	-3475
St. Gen.	6562	-3550

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	1662	CL A	540	1/2 #/sx Flo
Production	7 7/8"	5 1/2"	14	6433	CL A	Cmt 1st	stage w/510sx
		DV tool at 3275'		Cmt 2nd	stage w/435	sx	

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
4	Lower Morrow 6286-94	Acidized w/800 gal 7 1/2% FE acid.
		Frac'd w/9005 gal 70Q CO ₂ Foam.

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	2 3/8"	6292'						
Date of First, Resumed Production, SWD or Inj. Pump Testing	Producing Method <input checked="" type="checkbox"/> Flowing <input 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
	0		810					

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 6286'-6294'

Production Interval: Other (Specify) _____



HALLIBURTON ENERGY SERVICES

AUG 15 1997 16:05

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

TICKET

No. **919534**

FROM: HALLIBURTON LIBERAL

PAGE 1 OF 2

SERVICE LOCATIONS <u>Liberal</u>	WELL/PROJECT NO <u>C-3</u>	LEASE <u>Stalcup</u>	COUNTY/PARISH <u>Stevens</u>	STATE <u>K3</u>	CITY-OFFSHORE LOCATION	DATE <u>5-9-96</u>	OWNER <u>Same</u>
<u>Hugoton</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Cheyenne</u>	E/G NAME/NO. <u>4</u>	SHIPPED VIA <u>Yes</u>	DELIVERED TO <u>Loc W of Liberal</u>	ORDER NO.
	WELL TYPE <u>02</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>135 - 035 (635)</u>	WELL PERMIT NO.	WELL LOCATION		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M			
200-117				405	MILEAGE	32	mi		2.85	91
200-119					Crew Mileage for Plug Back	32	mi		1.50	48
209-309					Pump Charge Plug Back	6850	FT	6	hrs	1070
200-119					Crew Mileage Pipe job	32	mi		1.50	48
207-013	201-018				Pump Charge 1 st Stage	6433	FT	6	hr	2070
207-161				905	Pump Charge 2 nd Stage	3278	FT			1400
26	847.6318			32	Insert Float Shoc	5 1/2	in	1	EA	350
27	815.19311			32	Fill Assy	5 1/2	in	1	EA	69
71	813.56325			17	OK Tool	5 1/2	1/2 in	1	EA	2450
75	813.16511			17	LatCh Down Plugset	5 1/2	in	1	EA	840
813.40	806.60022			32	Centralizer	5 1/2	in	14	EA	840
320	806.71430			32	Baskets	5 1/2	in	2	EA	208

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.

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

SLB SURFACE SAFETY VALVE WAS <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> FILLED <input type="checkbox"/> RUN.	SURVEY	AGREE	UN-DECIDED	DIS-AGREE	9484
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			PAGE TOTAL
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?			FROM CONTINUATION PAGE(S)
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?			3/253
TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
DATE SIGNED	TIME SIGNED	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO			SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			19495

PAGE: 05

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

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <u>Cal Wylie</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X</u>	HALLIBURTON OPERATOR/ENGINEER <u>Kon Crist</u>	EMP # <u>27653</u>	HALLIBURTON APPROVAL <u>Quillbecker</u>
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EXP. NO.: 316 624 3479
08-15-92 04:02P P.05



TICKET CONTINUATION

ORIGINAL

TICKET No. 019534

HALLIBURTON ENERGY SERVICES

CUSTOMER OXY USA, INC.

WELL STALEUP C-8

DATE 05-09-96 PAGE OF

PLUS 15 97 16:05

316 624 3478

PAGE 05

FROM: HALLIBURTON LIBERAL FAX NO.: 316 624 3478 08-15-97 04:02P P.05

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	WELL		DATE	PAGE	
		LOC	ACCT	DF		STALEUP	C-8		OF	
504-043	516.00272	2			Premium Cement	115	sk	05-09-96		
504-282		2			Midcon Premium Plus Cement	945	sk			
507-285	70.15250	2				177	lb			
508-127	516.00335	2				18	sk			
507-210	890.50071	2			Flocele 1/2W/ 945	236	lb			
507-665	70.15556	2			Halad-9 5/8W/ 115	54	lb			
509-406	890.50812	2			Calcium Chloride 2W/ 945	18	sk			
350	890.80802	1	32		Weld A	1	kg			
28-315					Mud Flush	Per Gal	1000 Ea		65	650
20-119					Crew Mileage DV Job	32	hr		150	N/C
500-207					SERVICE CHARGE		CUBIC FEET		135	1564.65
500-306					MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES	95	897.09
						104,923	18	944.307		

ORIGINAL

RECEIVED
TRANS. COMP. DIV.
MAY 21 1996

No. B 341736

CONTINUATION TOTAL 21769.69

WELL DATA

FIELD 31 SEC 31 TMS 345 RNS 354 COUNTY Stevens 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	N	15.5	5.5	RB	6433	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS				405	PTUG	
PERFORATIONS				6450-6845		
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 5-4-96	DATE 5-9-96	DATE 5-9-96	DATE 5-10-96
TIME 1300	TIME 1630	TIME	TIME 1600

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLLOAT COLLAR		
FLLOAT SHOE	1	
GUIDE SHOE		
CENTRALIZERS	14	
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER	2	
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
R Crist	420045	
D Tate		
S Tate	52947	
E 056 G	75446	
L VanWender	3732	HU90TOM
	7620	
Lewis Stanley		

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 _____

DEPARTMENT 5001
 DESCRIPTION OF JOB 135-035
 JOB DONE THRU: TUBING CASING ANNULUS TBC/ANN.
 CUSTOMER REPRESENTATIVE X
 HALLIBURTON OPERATOR Row Crist COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK BACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
PR	115	H		B	1/2% H&Lad 9	1.18	15.6
1	100	M.J. Co.		B	2 1/2% CC, 1/4 Flp	3.22	11.1
2	410			B	" "	1.84	19.2
3	200			B	" "	3.22	11.1
4	235			B	" "	1.84	19.2

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET _____ REASON _____

SUMMARY

VOLUMES

PRESLUSH: BBL. GAL. 20 TYPE Mudflash
 LOAD & BKDN. DD. GAL. _____ PAD. BBL. GAL. _____
 TREATMENT: BBL. GAL. _____ DISPL: BBL. GAL. 154
 CEMENT SLURRY: BBL. GAL. 1st 57, 2nd 134, 3rd 115, 4th 22
 TOTAL VOLUME: BBL. GAL. _____

REMARKS

Lost Circ Mgmt Return

CUSTOMER
 CASE
 510
 135-035
 5-9-96



JOB LOG HALL-2013-C

DATE 5-9-97

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		STUBING	CASING	WELL NO.	LEASE	LOT TYPE	TICKET NO.
				T	C	T	C						
	1330									C-3	Stakeout	135-015	419534
	1620												
	1812												
	2000												
	2110												
	2118	3.5	10			0-300							
	2121	5	24			30-500							
	2126	3	3			500-200							
	2128					250-200							
	2144	5.3	85										
	0700												
	0750												
	0820												
	0830	7	10										
	0836					0-300							
	0844	7	52			300							
	0907	6	134			0							
	0912					0-750							
	0929	4.5	80			250-200							
	0946	4.5	74			100-140							
	0951					0							
	1018					0-800							
	1100												
	1415												
	1433					0-110							
	1450	4.22	114			160-390							
	1502	6	77										
	1507	4.5				0-220							
	1517	2.5				200-385							
	1535					385							
						-8200							
Serial A81356325A										Job Ended			

ORIGINAL



HALLIBURTON

INVOICE

9195347 06/09/1997

TRUCK P-2	INTERNS	KS	SAME
ISSUE NO.	ISSUE DATE	COMBINATION PLUS BACK & CASH	08/09/1997
QTY NO.	QTY	UNIT	PRICE
00127	001	NYLIE	8-24
			COMPANY TRUCK 0790

OMY USA INC.
P.O. BOX 2570
LIBERAL, KS 67905-2570

ORIGINAL

DIRECT CORRESPONDENCE TO:

P.O. BOX 1598
LIBERAL, KS 67901

REFERENCE

01	CEMENTER-TYPE 7 1/2 5-1/2 850	1 EA	2,450.00	2,450.00
019.56325	DISCOUNT (CRID)	17.0 %		416.50
05	PLUG SET - PREP COLL - 5-1/2 8	1 EA	840.00	840.00
019.13411	DISCOUNT (CRID)	17.0 %		142.80
06	CENTRALIZE 5-1/2 Y 7-7/8	14 EA	840.00	840.00
006.40022	DISCOUNT (CRID)	32.0 %		268.80
09	PASSEY-DMT-5 1/2 150 X 17"00-	2 EA	104.00	208.00
006.03130	DISCOUNT (CRID)	32.0 %		69.56
04-043	CEMENT - PREMIUM	115 SK	11.00	1,274.20
	DISCOUNT (CRID)	40.5 %		516.05
04-062	MURKON-2 PREMIUM PLUS CEMENT	945 SK	16.76	15,838.20
	DISCOUNT (CRID)	40.5 %		6,414.47
07-210	SCORLE	236 LB	1.45	342.10
	DISCOUNT (CRID)	40.5 %		137.70
07-633	UNI 60-2	54 LB	8.65	477.90
	DISCOUNT (CRID)	40.5 %		193.54
09-403	ABBREXIDE COLLOID FLUORIDE	18 SK	36.75	661.50
	DISCOUNT (CRID)	40.5 %		267.90
09	HALLIBURTON 44-0-8	1 EA	16.75	16.75
070.10007				

1060

1997 AUG 21
HALLIBURTON CORP
LIBERAL, KS

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

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



INVOICE

VALUUP 0-3

STEVENS

LIB. RPT.	EMP. YERAGE	COMBINATION PLUS BACK & CHSING	05/09219
59167	CAL. BYLINE	F-24	COMPANY TRUCK 079

ORIGINAL

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

DIRECT CORRESPONDENCE TO:

P.O. BOX 1898
LIBERAL, KS 67901

REFERENCE

	DISCOUNT-(810)	8270.5	5.25
018-213	NO. 81081 DISCOUNT-(810)	1000 GAL 40.5 X	650.00 263.25
500-207	PAID SERVICE CHARGE DISCOUNT-(810)	1159 CFT 40.5 X	1,554.65 633.68
500-206	RELEASE CHRG NAT DEL. ON RETURN DISCOUNT-(810)	944.307 THT 40.5 X	877.09 363.52
	IMMEDIATE SUBTOTAL		81,283.89
	DISCOUNT-(810)		11,708.52
	INVOICE AMOUNT		19,465.37
	KANSAS STATE SALES TAX		793.49
	LIBERAL CITY SALES TAX		162.96
	WESMOR COUNTY SALES TAX		244.48

PLEASE PAY THIS AMOUNT \$20,701.26

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 same are due.

RECEIVED
SAS CORP
197 Aug 21 P 1:54



HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO:
 ADDRESS: *Oxy*
 CITY, STATE, ZIP CODE:

DUNCAN COPY

TICKET

No.

919528 - 5

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>Liberal</i>	WELL/PROJECT NO. 3	LEASE <i>Stalcup C</i>	COUNTY/PARISH <i>Stevens</i>	STATE <i>Ks</i>	CITY/OFFSHORE LOCATION	DATE <i>4-27-96</i>	OWNER <i>SAME</i>
2. <i>Hugoton</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>Cheyenne</i>	RIG NAME/NO. <i>4</i>	SHIPPED VIA <i>HES</i>	DELIVERED TO <i>Loc/Liberal</i>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>000-117</i>					MILEAGE	<i>40</i>	<i>mi</i>			<i>2.85</i>	<i>114.00</i>
<i>000-119</i>					<i>Crew Mileage</i>	<i>40</i>	<i>mi</i>			<i>1.50</i>	<i>60.00</i>
<i>001-016</i>					<i>Pump Charge</i>	<i>1650</i>	<i>ft</i>	<i>6 hr</i>			<i>1320.00</i>
<i>40</i>	<i>806.61048</i>				<i>Centralizer</i>	<i>8 7/8 in</i>		<i>3 Ea</i>		<i>61.00</i>	<i>183.00</i>
<i>320</i>	<i>806.71460</i>				<i>Basket</i>	<i>8 7/8 in</i>		<i>1 Ea</i>			<i>124.00</i>
<i>350</i>	<i>890.10802</i>				<i>weld A</i>	<i>1 lb</i>		<i>1 Ea</i>			<i>16.75</i>
<i>597</i>	<i>825.1269</i>				<i>Alum Buffer Plate</i>	<i>8 7/8 in</i>		<i>1 Ea</i>			<i>10.00</i>
<i>030-018</i>					<i>Top Plug</i>	<i>8 7/8 in</i>		<i>1 Ea</i>			<i>30.00</i>

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

TYPE LOCK	DEPTH	SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	<i>1997 75</i>
BEAN SIZE	SPACERS		OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				
TYPE OF EQUALIZING SUB.	CASING PRESSURE	WE UNDERSTOOD AND MET YOUR NEEDS?					<i>12882 09</i>
TUBING SIZE	TUBING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
DATE SIGNED	TIME SIGNED	ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO				
			<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

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)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
<i>X</i>	<i>Ron Crist</i>	<i>Ron Crist</i>	<i>07653</i>	

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.



HALLIBURTON

JOB SUMMARY

HALLIBURTON DIVISION Midcontinent
HALLIBURTON LOCATION Liberal

BILLED ON TICKET NO. 919578

WELL DATA

FIELD _____ SEC. 31 TWP. 34S RNG. 28W COUNTY Stearns 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>N</u>	<u>24</u>	<u>8 7/8</u>	<u>KR</u>	<u>1650</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-27-96</u>	DATE <u>4-27</u>	DATE <u>4-27-96</u>	DATE <u>4-27-96</u>
TIME <u>0510</u>	TIME <u>0800</u>	TIME <u>1600</u>	TIME <u>1735</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>8 7/8</u>	<u>1</u>	
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS <u>5-4</u>	<u>3</u>	
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER <u>Basket</u>	<u>1</u>	
OTHER <u>Weld H</u>	<u>1</u>	

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R Coist</u>	<u>470045</u>	<u>Liberal</u>
<u>G. Construction</u>	<u>52947</u>	<u>11</u>
<u>C. Lay</u>	<u>50737</u>	<u>Hugoton</u>
<u>G. m... ..</u>	<u>4461</u>	<u>11</u>
<u>D Teal</u>	<u>PICK UP</u>	<u>11</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API
 DISPL. FLUID _____ DENSITY _____ LB/GAL. API
 PROP. TYPE _____ SIZE _____ LB.
 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 _____

DEPARTMENT 5001
 DESCRIPTION OF JOB OP
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X
 HALLIBURTON OPERATOR Pro Coist COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>440</u>	<u>Midcon</u>		<u>B</u>	<u>3% CC, 1/2% Flocor</u>	<u>3.22</u>	<u>11.1</u>
	<u>100</u>	<u>Prem Plus</u>		<u>B</u>	<u>2% CC, 1/2% Flocor</u>	<u>1.72</u>	<u>14.8</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____
 TREATING _____ DISPL. _____
 FEET 3510 REASON Shoe

RECEIVED SUMMARY

KANSAS CORPORATION
 SEP 03 1996
 CONSERVATION DIVISION
 WICHITA, KS

VOLUMES

PRESLUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 103.7
 CEMENT SLURRY: BBL.-GAL. 252 LL 23.576
 TOTAL VOLUME: BBL.-GAL. _____
 REMARKS Circulated 90 BBLs 179 SKs To PT

CUSTOMER: DK
LEASE: Stearns
WELL NO.: 2
JOB TYPE: 210
DATE: 4-27-96

To: Kaymond
From Aleta
ORIGINAL
Per your request

ORDER FOR STIMULATION SERVICES
HALLIBURTON ENERGY SERVICES



Company OXY-USA Date 5-22-96
 Contract STALCUP Town or field STEVENS KS
 Lease LIBERAL KS - WEST ON 2ND STREET ROAD TO HOOKER MOSCOW Jc. Well No. C-3 Sec. 31 Twp 34s Range 35c
 Direction 1 NORTH - 3 EAST - 1/4 SOUTH - WEST INTO
 TYPE JOB & VOLUME: CO² FOAM FRAC
 Fracturing Acid MCA Formation Name: MORROW D BHST: _____
 Casing (In., Wt., Depth, Grade) 5 1/2 14# 15.5# Packer Set @ _____ Max. Tubing Pressure: _____
 Liner (In., Wt., Depth, Grade) _____ PBDT _____ Max. Annulus Pressure: _____
 Tubing (In., Wt., Depth, Grade) _____ Perfs 6286-6294 4/FT

HPH OFFERED 11.0 V-12 HT 1000'S or 3000'S 3' IRON CO² BOOSTED ISOLATION TOOL
 BLEND LGC-100 861 APCS BALL INJECTOR _____ ANNULUS TRUCK _____

MATERIALS:
 and _____ Sacks 533 Type 20/40 Additives Hy Lifts
 and _____ Sacks _____ Type _____ Additives _____
 Super Pro. s _____ Lbs. _____ Type _____ Additives _____
 CAR Pro. s _____ Lbs. _____ Type _____ Additives _____
 Restment _____ Gals. _____ Type _____ Additives _____
 Oil _____ Gals. _____ Type _____ Additives _____
 Additives _____
 Additives _____

PER 1000 MISCELLANEOUS MATERIALS & EQUIPMENT			PROCEDURE	
10 GAL	LGC IV	140 GAL	TOTAL RATE	15 BPM
1 GAL	LP-55	12 GAL	MAX LIQ RATE	
1 GAL	CLA-SMAX	12 GAL	MAX CO ² RATE	
5 GAL	ADF-2	60 GAL		
2 GAL	SSO-21	24 GAL	BOILER w/ 120 TONS CO ² WASH	
2 1/2	BE-6	2 LBS		
100 LBS	WLC-6 PAD TRAG 4.75	650 LBS	CO ² REQUIRED	98 TONS Plus loss down
1 lb	OPTIFLO HT2	12 LBS		
1 lb	SP Breaker	12 LBS	GIBSON'S TANK w/ 17 000 GAL 2 1/2 IN. HOLES	

Order By Carl Wyle Time of Call 1400 5/22 A.M./P.
 Taken By Jim WAG Time Ready RTM 12:00 5/27 A.M./P.
 Driver _____ Time _____ A.M./P.

RECEIVED
 DUNCAU
 ANSAS CORP
 5/22/96