

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

Operator: License # 5447 KCO

Name: OXY U.S.A. Inc.

Address P.O. Box 27570

**CONFIDENTIAL**

City/State/Zip Houston, TX 77227-7570

Purchaser: Anadarko 7-15-99

Operator Contact Person: Bill Bryan

Phone ( 713 ) 215-7312

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Tom Heflin

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/Reentry: Old Well Info as follows:

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. DC 7991

Other (SWD or Inj?)    Docket No. \_\_\_\_\_

4/5/99    4/16/99    4/18/99

Spud Date    Date Reached TD    Completion Date

API NO. 15- 189223030000

County Stevens

-N/2 -N/2 -NW Sec. 15 Twp. 32s Rge. 39 X E W

649.2 Feet from S/N (circle one) Line of Section

1314.2 Feet from E/W (circle one) Line of Section

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

Lease Name MLP Simmons A Well # 1

Producing Formation Upper and Lower morrow

Elevation: Ground 3228 KB 3240

Total Depth 6150 PBTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 1711 Feet

Multiple Stage Cementing Collar Used? dy Yes 2985.8 No

If yes, show depth set 2985.88 Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan Att. 1, 8-12-99 UC.  
(Data must be collected from the Reserve Pit)

Chloride content 800 ppm Fluid volume 2700 bbls

Dewatering method used evaporate

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name MLP 28 2001

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. FROM CO. Twp. \_\_\_\_\_ S Rge. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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

Signature Bill Bryan  
Title Regulatory Manager Date 7/9/99

Subscribed and sworn to before me this 9 day of July 19 99  
Notary Public MARY J. KORCHINSKY  
NOTARY PUBLIC, STATE OF KANSAS  
MY COMMISSION EXPIRES SEPT. 16, 2002

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)

Operator Name OXY U.S.A. Inc. Lease Name MLP Simmons A Well # 1  
 Sec. 15 Twp. 32 Rge. 39  East  West  
 County Stevens

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chase	3070	+187
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Council Grove	3940	-683
List All E.Logs Run: Dual Induction Neutron/Density Mini Log Acoustilog CBL		Lansing	4044	-787
		Morrow	5504	-2247
		St. Genevieve	6129	-2872

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	1711	Mid-Con 510	510	
Production	7 7/8	5 1/2	15.5	6147	Mid-Con 220	220	

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 checked="" type="checkbox"/> Plug Off Zone	5610-5616	H Cement	25	RELEASED MAR 28 2001	

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 spf	5960-5973		
4 spf	5900-5924	30,000 gal 59,000 20/40 sand	
4 spf	5610-5616(Sqzd)		
4 spf	5576-5590		

TUBING RECORD	Size 2 7/8	Set At 5796	Packer At 5775	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 5/26/99	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 13/16	Gas Mcf 3000/3400	Water Bbls. 0/6	Gas-Oil Ratio 230/212	Gravity 63/60
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Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented  Sold  Used on Lease  Open Hole  Perforation  Dually Comp.  Commingled  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_



HALLIBURTON

CONFIDENTIAL

JOB AMARY

TICKET # **10070 ORIGINAL** TICKET DATE **JUL 13 1999**  
 BDA, ST. **K5** PSL DEPARTMENT **21**  
 CUSTOMER REP PHONE **Cal Hylke KCC**  
 API UWI # **15-189-22303** JOB PURPOSE CODE **010**  
**CONFIDENTIAL**

REGION **North America** COUNTRY **Mid Cent USA**  
 EMPLOYEE NAME **Nick Kurbic** COMPANY **Oxy USA**  
 WELL TYPE **C2** DEPARTMENT **Cement**  
 SEC / TWP / RNG **15-325-394**

HES EMP NAME/EMP#/EXPOSURE HOURS	HRS	HES EMP NAME/EMP#/EXPOSURE HOURS	HRS	HES EMP NAME/EMP#/EXPOSURE HOURS	HRS	HES EMP NAME/EMP#/EXPOSURE HOURS	HRS
<b>N. Kurbic 106328</b>	<b>6</b>						
<b>B. Tomlinson 106122</b>	<b>6</b>						
<b>S. Umers 106122</b>	<b>6</b>						

WELL LOCATION: **NW of Hugoton**  
 LEASE / WELL: **MLP Summary A-1**

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
<b>421270</b>	<b>122</b>			<b>15-325-394</b>	<b>2001</b>		
<b>54219/78297</b>	<b>122</b>						
<b>53736/75031</b>	<b>60</b>						

Form Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Misc. Data \_\_\_\_\_ Total Depth \_\_\_\_\_

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar <b>1 1/2 x 7</b>	<b>1</b>	<b>H</b>
Float Shoe <b>1 1/2 x 6 1/2</b>	<b>1</b>	<b>H</b>
Guide Shoe <b>Beg</b>	<b>1</b>	<b>O</b>
Centralizers <b>3-W</b>	<b>3</b>	<b>W</b>
Bottom Plug		
Top Plug <b>5-W</b>	<b>1</b>	<b>C</b>
Head <b>Bucket</b>	<b>1</b>	<b>O</b>
Packer		
Other		

**MATERIALS**

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal. Lb	In
Gelling Agent	Gal. Lb	In
Fric. Red	Gal. Lb	In
Breaker	Gal. Lb	In
Blocking Agent	Gal/Lb.	Wt. %
Perpac Eas	Qty.	
Other		
Other		
Other		
Other		

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
		<b>4-6-99</b>	<b>4-6-99</b>	<b>4-6-99</b>	<b>4-6-99</b>
		<b>1430</b>	<b>17:00</b>	<b>20:50</b>	<b>22:00</b>

**WELL DATA**

	NEW	USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW.
Casing		<b>N</b>	<b>24</b>	<b>8 3/8</b>	<b>0</b>	<b>1714</b>	<b>2000</b>
Liner							
Liner							
Tbg/D.P.							
Tbg/D.P.							
Open Hole							SHOTS/FT
Perforations							
Perforations							
Perforations							

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
<b>4-6-99</b>	<b>6 hr</b>	<b>4-6-99</b>	<b>1 hr</b>	<b>010</b>
<b>TOTAL</b>	<b>6 hr</b>	<b>TOTAL</b>	<b>1 hr</b>	

**HYDRAULIC HORSEPOWER** \_\_\_\_\_ Used \_\_\_\_\_  
**AVERAGE RATES IN BPM** \_\_\_\_\_ Overall \_\_\_\_\_  
**CEMENT LEFT IN PIPE** \_\_\_\_\_ Reason **shift**  
**FEET** **45**

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GA
<b>E</b>	<b>375</b>	<b>MC PP.</b>	<b>B</b>	<b>2% C.C., 1/2 Floccle</b>	<b>3.22</b>	<b>16.7</b>
<b>T</b>	<b>160</b>	<b>P.P.</b>	<b>B</b>	<b>2% C.C., 1/4 Floccle</b>	<b>1.32</b>	<b>14.5</b>

Circulating	Displacement	Preflush:	Gal - BBI	Type
Breakdown	Maximum	Load & Bkdn:	Gal - BBI	Pad: BBI - Gal
Average	Frac Gradient	Treatment	Gal - BBI	Disp: BBI - Gal
Shut In: Instant	5 Min _____ 15 Min _____	Cement Slur:	Gal - BBI	
		Total Volume:	Gal - BBI	

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_  
 THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE \_\_\_\_\_



HALLIBURTON

CONFIDENTIAL

TICKET #	119070	TICKET DATE	JUL 13 1999
BOA / STA.	Ks	ORIGINAL	Stevens
PSL DEPARTMENT	21		
CUSTOMER REF PHONE	Cal Wylie	KCC	
API / UWI #	15-189-22303	JUL 13 1999	
JOB PURPOSE CODE	010		CONFIDENTIAL

REGION	North America	COUNTRY	MidCent USA
WELL NO	MCL10110	EMPLOYEE NAME	Nick Korbe
LOCALITY	Liberal	COMPANY	Oxy U.S.A.
TICKET AMOUNT	\$8369.73	WELL TYPE	02
WELL LOCATION	NW Hugoton	DEPARTMENT	Cement
LEASE WELL	M.L.P. Simmons A-1	SEC. TWP / RNG	15-325-39W

HES EMP NAME/EMP#	EXPOSURE HOURS	HRS	HES EMP NAME/EMP#	EXPOSURE HOURS	HRS	HES EMP NAME/EMP#	EXPOSURE HOURS	HRS	HES EMP NAME/EMP#	EXPOSURE HOURS	HRS
N. Korbe	106328	6									
B. Tomlinson	106122	6									
S. Owens	106125	6									

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1430							called out
	1700							on log
								Held safety mtg
								Setup Teks
								rig logging
	1930							ST FE
	2030							drop Bell
	2040							Break line
	2051					2000		Test Lines
	2054	6.5	0			150		st. cement 375 sks @ 11.1 #
	2131	6	215/0			100		st. cement 160 sks @ 14.5 #
	2136		24					end cement
	2137							rel plug
	2138	5	0			75		st. disp
	2158	2	96			30		slow rate
	2204	2	166			350		Ramp plug
	2205							rel. disp plug
								float held
								circ 65 bbl to pit ✓
								115 sks
								REG. NO. 115
								STATE OF KANSAS COMMISSION
								JUL 15 1999
								CONFIDENTIAL
								Wichita Kansas
								RELEASED
								MAR 28 2001
								FROM CONFIDENTIAL



JOB IMARY 4239-1 **CONFIDENTIAL**

TICKET # **3037 ORIGINAL 99**

BDA / STA **KS** COUNTY **STEVENS**

PSL DEPARTMENT **ZONAL ISOLATION**

CUSTOMER REP PHONE **CAL WYLIE**

API / UWI # **15-189-22303 KOC**

JOB PURPOSE CODE **035** **1111 15 1999**

REGION **North America** COUNTRY **MID CONTINENT**

MBUIC EMP # **LE 0112** EMPLOYEE NAME **JOHN WOODROW**

LOCATION **LIBERAL KS** COMPANY **OXY U.S.A. INC**

TICKET AMOUNT **8 14964.69** WELL TYPE **OL**

WELL LOCATION **N. + W HUGOTON** DEPARTMENT **CEMENT**

LEASE WELL # **MLP Simmons A-1** SEC / TWP / RNG **15-32S-39W**

HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)	HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)	HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)	HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)
<b>J. Woodrow 105548/17</b>			
<b>B. MONTYRE 106009/17</b>			
<b>S. OWENS 106125/17</b>			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
<b>54219/78299</b>	<b>64</b>						
<b>53336/77031</b>	<b>25</b>						

Form Name \_\_\_\_\_ Type: \_\_\_\_\_

Form Thickness From \_\_\_\_\_ To \_\_\_\_\_

Packer Type **D-V TOOL** Set At **3167**

Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_

Misc. Data \_\_\_\_\_ Total Depth **6150**

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar		<b>H</b>
Float Shoe <b>INSERT 5/2</b>	<b>1</b>	
Guide Shoe		<b>O</b>
Centralizers <b>F.M + S-41</b>	<b>21</b>	
Bottom Plug		<b>W</b>
Top Plug <b>L.D. PLUG SET</b>	<b>1</b>	
Head <b>PIC</b>	<b>1</b>	<b>C</b>
Packer		
Other <b>BASKET</b>	<b>1</b>	<b>O</b>

**MATERIALS**

Treat Fluid \_\_\_\_\_ Density \_\_\_\_\_ Lb/Gal

Disp. Fluid \_\_\_\_\_ Density \_\_\_\_\_ Lb/Gal

Prop. Type \_\_\_\_\_ Size \_\_\_\_\_ Lb.

Acid Type \_\_\_\_\_ Gal. \_\_\_\_\_ %

Surfactant \_\_\_\_\_ Gal. \_\_\_\_\_ In

NE Agent \_\_\_\_\_ Gal. \_\_\_\_\_ In

Fluid Loss \_\_\_\_\_ Gal/Lb \_\_\_\_\_ In

Gelling Agent \_\_\_\_\_ Gal/Lb \_\_\_\_\_ In

Fric. Red. \_\_\_\_\_ Gal/Lb \_\_\_\_\_ In

Breaker \_\_\_\_\_ Gal/Lb \_\_\_\_\_ In

Blocking Agent \_\_\_\_\_ Gal/Lb \_\_\_\_\_ In

Perpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	<b>4-17-99</b>	<b>4-17-99</b>	<b>4-18-99</b>	<b>4-18-99</b>
TIME	<b>1800</b>	<b>2130</b>	<b>0730</b>	<b>1330</b>

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW.
Casing	<b>N</b>	<b>15.5</b>	<b>5 1/2</b>	<b>KB</b>	<b>6149</b>	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS FT
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				<b>(SEE JOB LOG)</b>
<b>TOTAL</b>		<b>TOTAL</b>		

**HYDRAULIC HORSEPOWER**

ORDERED \_\_\_\_\_ Avail. \_\_\_\_\_ Used \_\_\_\_\_

**AVERAGE RATES IN BPM**

TREATED \_\_\_\_\_ Disp. \_\_\_\_\_ Overall \_\_\_\_\_

**CEMENT LEFT IN PIPE**

FEET \_\_\_\_\_ Reason \_\_\_\_\_

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
<b>1</b>	<b>220</b>	<b>PREMIUM</b>	<b>A</b>	<b>.9% VERSASET, 5% GILSONITE, 38 KCL, 5% HALAD-9</b>	<b>1.55</b>	<b>14.0</b>
<b>2</b>	<b>180</b>	<b>PT MIDCAL</b>	<b>B</b>	<b>28 CC 1/2" FLOCCEL</b>	<b>3.22</b>	<b>11.1</b>

Circulating \_\_\_\_\_ Displacement \_\_\_\_\_ Preflush: Gal - **BB 20** Type **SUPER FLUSH**

Breakdown \_\_\_\_\_ Maximum \_\_\_\_\_ Load & Bkdn: Gal - **BB** Pad: **BB** Gal

Average \_\_\_\_\_ Frac Gradient \_\_\_\_\_ Treatment Gal - **BB** Disp: **BB** Gal **145.3**

Shut In: Instant \_\_\_\_\_ 5 Min \_\_\_\_\_ 15 Min \_\_\_\_\_ Cement Slurr Gal - **BB (41 157 STG)** (**70.3 AND STG**)

Total Volume Gal - **BB**

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE \_\_\_\_\_



HALLIBURTON

CONFIDENTIAL

JOB # 1239-5

TICKET #	TICKET DATE
BDA / STATE	COUNTY
PSL DEPARTMENT	37
CUSTOMER REP PHONE	KCC
API / UWI #	JUL 15 1999
JOB PURPOSE CODE	035

ORIGINAL

REGION	North America	NW/COUNTRY	
WBU ID - EMP #	220112	EMPLOYEE NAME	
LOCATION	LIBERAL, KS	COMPANY	
TICKET AMOUNT	\$ 74924 69	WELL TYPE	
WELL LOCATION		DEPARTMENT	

LEASE WELL # MLP SIMMONS A-1 SEC. PWP. BNG 13-32S-39W

HES EMP NAME/EMP#	EXPOSURE HOURS	HRS	HES EMP NAME/EMP#	EXPOSURE HOURS	HRS	HES EMP NAME/EMP#	EXPOSURE HOURS	HRS	HES EMP NAME/EMP#	EXPOSURE HOURS	HRS
		17			17			17			17

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESS. (PSI)		JOB DESCRIPTION / REMARKS
				T	C	Tb	Csq	
	2200							JOB READY
	1800							CALLED OUT FOR JOB
	2130							PUMP TRUCK + BULK CMT ON LOCATION - HAVE PRE JOB SITE ASSESSMENT MEETING - SPOT EQUIP. RIG UP - RIG W/ING DOWN DRILL PIPE D.P. LAYED DOWN - LAY DOWN R-11 + M-H
	0130							START RUNNING 5/8 CSG + FLT EQUIPMENT
	0300		FROM					PLACE D.V TOOL ON (66 JT 3167 FT) FINISH RUNNING CASING TO BOTTOM (149' 135 JT) HOOR UP 5/8 P/C + CIRCULATING IRON
	0600							START CIRCULATING WITH RIG PUMP HOLD SAFETY + JOB PROCEDURE MEETING THROUGH CIRCULATING - HOOR UP TO PUMP TRUCK
	0720							TEST PUMP + LINES (1ST STAGE JOB PROCEDURE)
	0730	5	10					PUMP 10 BBL 5.8 CC WATER FLUSH
	0736	5	5					PUMP 5 BBL FRESH WATER SPACER
	0738	5	10					PUMP 10 BBL SUPER FLUSH
	0741	5	5					PUMP 5 BBL FRESH WATER SPACER
	0744	6						MIX 220 SKS CMT AT 14.4% THROUGH MIXING CEMENT - SHUT DOWN WASH OUT PUMP + LINES - RELEASE LATCH DOWN PLUG START DISPENSING WITH FRESH WATER TO D.V TOOL START DISPENSING WITH MUD
	0805	6.0						PLUG DOWN - MAX LIT PRESSURE 750 LBP RELEASE FLAT - FLAT YIELD - DROP D.V TOOL OPENING DEVICE
	0830		148					OPEN D.V TOOL - ESTABLISH CIRCULATION
	0910							HOOK UP TO RIG PUMP - CIRCULATE 4 HRS
	0920		5.0					PLUG R-11 + M-11 WITH 25 SKS CMT AT 12.4% 2ND STAGE JOB PROCEDURE
	1235		10					PUMP 10 BBL FRESH WATER ALIAD
			89					MAX 155 SKS LOAD CMT AT 11.4% THROUGH MIXING CEMENT / SHUT DOWN WASH OUT PUMP + LINES - RELEASE CLOSING PLUG START DISPENSING WITH FRESH WATER
	1330		77					MAX LIT PRESSURE BEFORE LANDING PLUG PLUG DOWN - CLOSE D.V TOOL RELEASE PRESSURE - D.V TOOL CLOSED

THANK YOU FOR CALLING HALLIBURTON  
WOODY + CREW



**CONFIDENTIAL**  
**Work Order Contract**

**KCC ORIGINAL**

Halliburton Energy Services, Inc.  
 Houston Texas 77056

JUL 1 1999  
 Order Number

53037

70012 SAP

**CONFIDENTIAL**

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BELOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Well No. <b>A-1</b>	Farm or Lease <b>MLP SIMMONS</b>	County <b>STEVENS</b>	State <b>KS</b>	Well Permit # <b>15-189-22303</b>
Customer <b>Oxy U.S.A. INC.</b>		Well Owner <b>SAME</b>	Job Purpose <b>035</b>	

**THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED**

**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 Energy Services, Inc. (hereinafter "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, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.

**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 or which are co-interest owners or joint ventures with Customer. 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 contamination 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 any member or members of the 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 Energy Services, Inc., its parent, subsidiary, and affiliated companies, insurers and subcontractors and all its their officers, directors, employees, consultants 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. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insureds on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

**D. EQUIPMENT LIABILITY** - Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair cost, 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 Group. Customer shall be responsible for damage to or loss of Halliburton group 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 group 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 Contract and that same are free from defects in workmanship and materials for thirty (30) days from the 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 GROUP.** Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group 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 or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. 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 Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

**G. DISPUTE RESOLUTION** - Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules of the American Arbitration Association. The arbitrations will take place in Houston, TX.

**H. SEVERABILITY** - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.

**I. MODIFICATIONS** - Customer agrees that Halliburton shall not be bound by any modifications to this Contract, 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, 4100 Clinton Drive, Houston, TX, 77021.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED: [Signature] DATE: 4-17-99 TIME: 2230 A.M./P.M. (P)

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER

[Signature] **RELEASED**  
 CUSTOMER Authorized Signatory

White-Office

Canary-Field-Office

Pink-Customer

Green-Helium

FROM CONTROL