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

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 5447
Name: OXY USA, Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: Duke Pipeline
Operator Contact Person: Vicki Carder
Phone: (316) 629-4200
Contractor: Name: Zenith Drilling Corp
License: 5141
Wellsite Geologist: Tom Heflin
Designate Type of Completion:
X New Well Re-Entry Workover
Oil SWD SIOW Temp. Abd.
X Gas ENHR SIGW
Dry Other (Core, WSW, Expl, Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: OXY USA, Inc.
Well Name:

API No. 15 - 189-22375-0000
County: Stevens
- N/2 - N/2 - SW Sec 31 Twp. 34 S. R. 35W
1250 feet from (S) N (circle one) Line of Section
1303 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Central A Well #: 1
Field Name: Gooch
Producing Formation: Morrow
Elevation: Ground: 3018 Kelly Bushing: 3029
Total Depth: 6852 Plug Back Total Depth: 6753
Amount of Surface Pipe Set and Cemented at 1710 feet
Multiple Stage Cementing Collar Used? [X] Yes [] No
If yes, show depth set 3336
If Alternate II completion, cement circulated from
feet depth to w/ sx cmt.

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See en 5-15-02

Original Comp. Date: Original Total Depth:
Deepening Re-perf. Conv. To Enhr./SWD
Plug Back Plug Back Total Depth
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Enhr.?) Docket No.
05/24/01 06/05/01 07/06/01
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 17500 ppm Fluid volume 2000 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter Sec. Twp. S. R. [] East [X] West
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 6702, 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 of 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: Vicki Carder
Title: Capital Projects Date August 30, 2001
Subscribed and sworn to before me this 30th day of August
20 01
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2001

KCC Office Use Only
[X] Letter of Confidentiality Attached
If Denied, Yes [] Date:
[X] Wireline Log Received
[X] Geologist Report Received
[] UIC Distribution
RELEASED
NOV 12 2002

FROM CONFIDENTIAL

NOTARY PUBLIC, State of Kansas
ANITA PETERSON
My Appt. Exp. Oct 1, 2001

X

Operator Name: OXY USA, Inc. Lease Name: Central A Well #: 1

Sec. 31 Twp. 34 S. R. 35W East West County: Stevens

Instructions: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run: <input checked="" type="checkbox"/> Acoustilog Gamma <input checked="" type="checkbox"/> Minilog Gamma <input checked="" type="checkbox"/> Induction <input checked="" type="checkbox"/> Neutron <input checked="" type="checkbox"/> Geological Report</p>	<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td><input checked="" type="checkbox"/> Log</td><td>Formation (Top), Depth and Datum</td><td><input type="checkbox"/> Sample</td></tr><tr><td>Name</td><td>Top</td><td>Datum</td></tr><tr><td>Heebner</td><td>4313</td><td>-1284</td></tr><tr><td>Lansing</td><td>4445</td><td>-1416</td></tr><tr><td>Marmaton</td><td>4863</td><td>-1834</td></tr><tr><td>Cherokee</td><td>5579</td><td>-2550</td></tr><tr><td>Morrow</td><td>5932</td><td>-2903</td></tr><tr><td>Chester</td><td>6305</td><td>-3276</td></tr><tr><td>Ste. Genevieve</td><td>6594</td><td>-3565</td></tr><tr><td>St. Louis</td><td>6775</td><td>-3746</td></tr></table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Heebner	4313	-1284	Lansing	4445	-1416	Marmaton	4863	-1834	Cherokee	5579	-2550	Morrow	5932	-2903	Chester	6305	-3276	Ste. Genevieve	6594	-3565	St. Louis	6775	-3746
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St. Louis	6775	-3746																													

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
Conductor					C		
Surface	12 1/4	8 5/8	24	1746	C	750	2% CC, 1/8# PolyFlake
Production	7 7/8	5 1/2	15.5	6854	C	250	5# Gilonite, 4# Cal Seal 10% Salt, .5% Halad-322

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	2500-3336	C	80	2% CC, 1/8# PolyFlake (Port Collar)
<input type="checkbox"/> Plug Back TD				
<input checked="" 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
3	6552-6558	15300 Gals My T Acid, 6550 Gals Diesel Flush	
		208 sxs 20/40 Ottawa Sand	
	Set CIBP @ 6500'		
3	5934-5942	1000 Gals 7.5% FE Acid, 21450 Gals 70Q Foam,	
		306 sxs 20/40 Ottawa Sand	

TUBING RECORD	Size 2 3/8	Set At 5920	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---------------	---------------	----------------	-----------	----------------------------------------------------------------------------------

Date of First, Resumed Production, SWD or Enhr. 08/03/01	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 0	Gas Mcf 583	Water Bbls 0	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18) Other (Specify) _____

METHOD OF COMPLETION

Production Interval _____

HALLIBURTON		JOB SUMMARY		SALES ORDER NUMBER 1347814	TICKET DATE 06/15/01
REGION NORTH AMERICA LAND		MNA / COUNTRY MID CONTINENT		BOA / STATE KS	COUNTY STEVENS
MCL ID / EMPL # MCL10101 106322		H.E.S. EMPLOYEE NAME DANNY McLANE		PSL DEPARTMENT Cementing Services	
LOCATION LIBERAL		COMPANY OXY USA		CUSTOMER REP / PHONE JAKE SLATTEN	
TICKET AMOUNT \$4,617.26		WELL TYPE OIL		APLWV # 15-189-22375	
WELL LOCATION W LIBERAL		DEPARTMENT CEMENT		SAP BOMB NUMBER 14118	Description Port Collar
LEASE NAME CENTRAL		Well No. A-1	SEC / TWP / RNG 31 34S 35W		HES FACILITY (CLOSEST TO WELL SITE) LIBREAL

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
McLane, D 106322	4.0			
Willo, D 225409	4.0			
Arnett, J 226567	4.0			
Archuleta, M 226383	4.0			

HES UNIT #S / (R/T MILES)	R/T MILES	R/T MILES	R/T MILES	R/T MILES
420995	50			
54219 78299	50			
52920 75819	25			

Form. Name _____	Type: _____	Date	Caled Out 06/15/2001	On Location 06/15/2001	Job Started 06/15/2001	Job Completed 06/15/2001
Form. Thickness _____	From _____ To _____	Time	0400	0630	0805	0915
Packer Type _____	Set At _____					
Bottom Hole Temp. _____	Pressure _____					
Retainer Depth _____	Total Depth _____					

Type and Size	Qty	Make	New/Used	Weight	Size	Grade	From	To	Max. Allow
Float Collar							KB		
Float Shoe									
Centralizers									
Top Plug									
HEAD									
Limit clamp									
Weld-A									
Guide Shoe									
BTM PLUG									
									Shots/Ft.

Materials			Hours On Location		Operating Hours		Description of Job
Mud Type	Density	Lb/Gal	Date	Hours	Date	Hours	
Disp. Fluid	Density	Lb/Gal	6/15		6/15		
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						
Perpac Balls	Qty.						
Other							
Other							
Other							
Other							
Other							

Weld Data	Original				
Casing					
Liner					
Liner					
Tubing	USED	4.7	2 3/8	KB	3,336
Drill Pipe					
Open Hole					
Perforations					
Perforations					
Perforations					

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	80	P+ MIDCON	BULK	2% CC 1/8# POLY FLAKE	20.17	3.22	11.10

Summary		Type: WATER	
Circulating Breakdown	Displacement	Preflush: BBI	13.00
	MAXIMUM	Load & Bkdn: Gal - BBI	
Average Shut In: Instant	Frac. Gradient	Treatment: Gal - BBI	
	5 Min.	Cement Slurry BBI	45.8
	15 Min.	Total Volume BBI	71.30

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
 SIGNATURE _____

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HALLIBURTON		JOB LOG		TICKET # 1347814	TICKET DATE 06/15/01
REGION NORTH AMERICA LAND		NWA / COUNTRY MID CONTINENT		BDA / STATE KS	COUNTY STEVENS
MBU ID / EMPL # MCL10101 106322		H.E.S. EMPLOYEE NAME DANNY McLANE		PSL DEPARTMENT Cementing Services	
LOCATION LIBERAL		COMPANY OXY USA		CUSTOMER REP / PHONE JAKE SLATTEN	
TICKET AMOUNT \$4,617.26		WELL TYPE OIL		APIUM # 15-189-22375	
WELL LOCATION W LIBERAL		DEPARTMENT CEMENT		JOB PURPOSE CODE Port Collar	
LEASE NAME CENTRAL		Well No. A-1	SEC / TWP / RNG 31 34S 35W	HES FACILITY (CLOSEST TO WELL #) LIBREAL	

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
McLane, D 106322	*						
Wille, D 225409	*						
Arnett, J 226567	*						
Archuleta, M 226383	*						

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Chart No.	Time	Rate (BPM)	Volume (GAL)	Press. (PSI)			Job Description / Remarks
				Hz	CSG	Tbg	
	0400						CALLED FOR JOB
	0630						ON LOCATION HOLD SAFTY MEETING SET UP PUMP TRUCK
							JOB PROCEDURE FOR PORT COLLAR
	0809				0/1500		PRESSURE TEST
	0821	3.0	20.0		0/600		FRESH WATER AHEAD
	0826	4.0	45.8		1000/875		START CEMENT @ 11.1#
	0839	2.0	12.5		100/1200		START DISPLACEMENT
	0844				1200/190		SHUT DOWN AND CLOSE PORT COLLAR
	0846				0/1500		PRESSURE TEST
	0847						KNOCK LOSSE AND RUN IN TWO JOINT OF Tbg
	0851	3.0	35.0		0/713		REVERSE OUT Tbg
							KCC
							AUG 30 2001
							THANK YOU FOR CALLING HALLIBURTON DANNY AND CREW
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							RELEASED
							NOV 12 2002
							FROM CONFIDENTIAL



Work Order Contract

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Order Number

1347814

Halliburton Energy Services, Inc.
Houston, Texas 77056

70012 SAP

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

Well No. A-1	Farm or Lease CENTRAL	County STEVENS	State KS	Well Permit Number 15-189-22375
Customer OXY USA	Well Owner OXY USA	Job Purpose Port Collar		

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 16% 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 unreasonableness 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 faithful 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 insured 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 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 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 arbitration 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 effect 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 77020.

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: _____
CUSTOMER Authorized SignatoryDATE: _____
TIME: NOV 12 2002

Customer Acceptance of Materials and Services

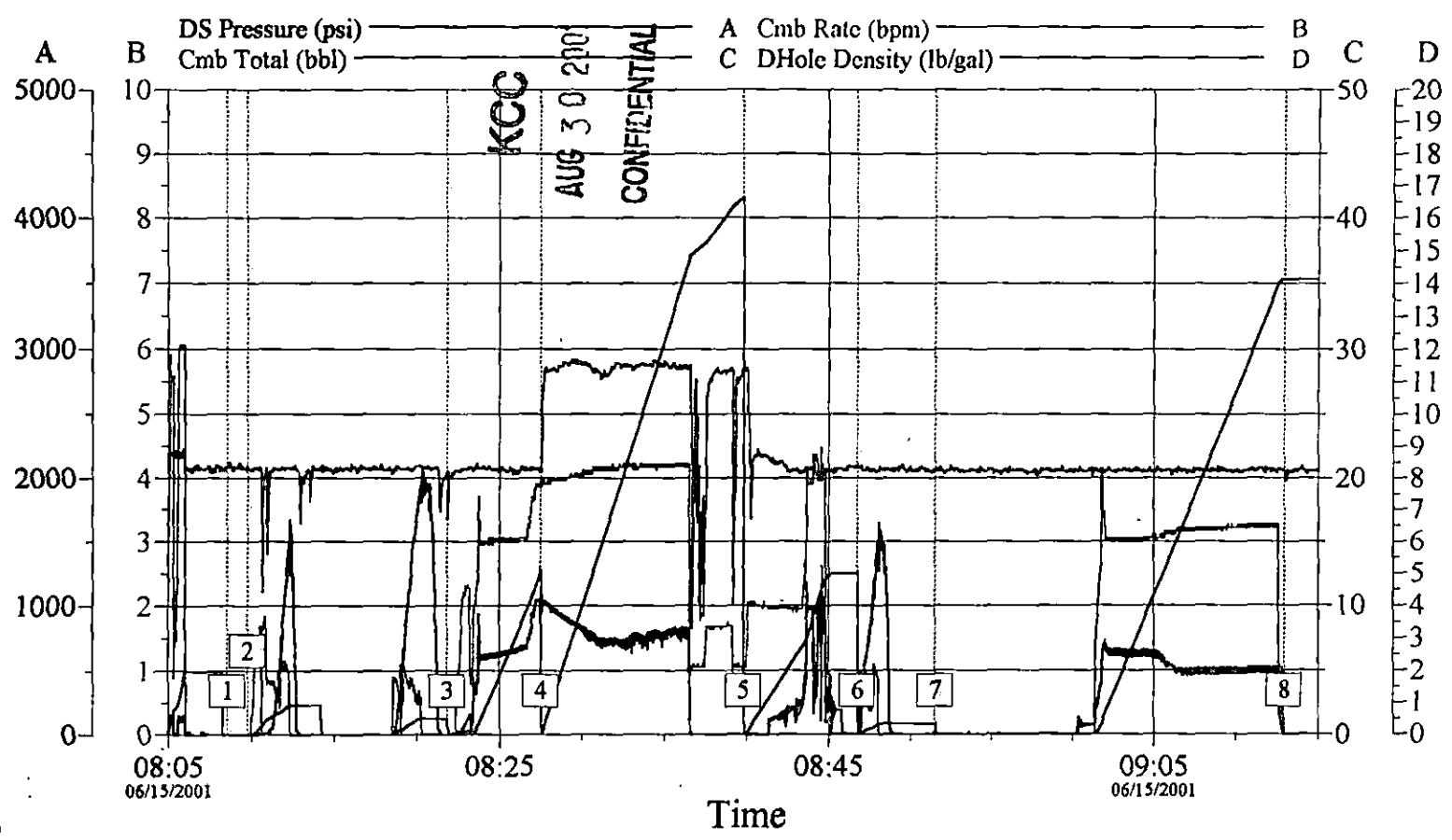
FROM CONFIDENTIAL

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

ORDER NUMBER 1347814

CUSTOMER Authorized Signatory

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Event Log								
1	Start Job	08:08:34	2	Test Lines	08:09:48	3	Pump Spacer 1	08:21:50
4	Pump Cement	08:27:30	5	Pump Displacement	08:39:49	6	Pressure Up Well	08:46:44
7	Reverse Circ. Well	08:51:28	8	End Job	09:12:56			

Customer:	Job Date:	Ticket #:
Well Description:	UWI:	

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 FROM CONFIDENTIAL

HALLIBURTON
 CemWin v1.3.0
 15-Jun-01 09:15



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JOB SUMMARY

REGION North America	NWA / COUNTRY MID - CON	TICKET # 1315145	TICKET DATE 5-25-01
MBU ID / EMP # 198516	EMPLOYEE NAME J. Clemens	BDA / STATE KS	COUNTY STEVENS
LOCATION liberal	COMPANY OXY-USA	PSL DEPARTMENT ZI	CUSTOMER REP / PHONE DAVID RICE
TICKET AMOUNT 13,268.18	WELL TYPE OIL	API / UWI #	
WELL LOCATION Stevens Co.	DEPARTMENT ZI	JOB PURPOSE CODE 7521	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL
LEASE / WELL # Central A-1	SEC / TWP / RNG 31-34s-35w		

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
J. Clemens 198516	10						
R. Ferguson 106154	10						
J. Lopez 198514	10						
D. Grubs 219434	10						
HES UNIT NUMBERS	RT MILES	HES UNIT NUMBERS	RT MILES	HES UNIT NUMBERS	RT MILES	HES UNIT NUMBERS	RT MILES
422207	25						
34218/78202	25						
10244148/10610	50						
52947/75819	50						

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

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
5-25-01	1900	5-25-01	2200	5-26-01	4:15
					5:20

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		Hes
Float Shoe		
Guide Shoes	1	
Centralizers	5-41 5	
Bottom Plug		
Top Plug	5-w 1	
Head	PC 1	
Packer		
Other Insert Float	1	

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	24#	8 5/8	0	1750	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						SHOTS/FT.
Open Hole						
Perforations						
Perforations						
Perforations						

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 _____	In _____
Perpac Balls _____	Qty _____	
Other _____		
Other _____		
Other _____		
Other _____		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
5-25-01	10	5-26-01	1	See Job Log
TOTAL	10	TOTAL	1	

ORDERED _____	HYDRAULIC HORSEPOWER _____	Used _____
TREATED _____	AVERAGE RATES IN BPM _____	Overall _____
FEET _____	CEMENT LEFT IN PIPE _____	44 ft Shoe Joint

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	RECEIVED	YIELD	LBS/GAL
1	600	HLC PP	B	2% CC, 1/8# Poly Flake		2.10	12.7
2	150	PP	B	2% CC, 1/8# Poly Flake		1.34	6.14.8
				RELEASED	AUG 31 2001		

Circulating _____ Displacement 108 bbls NOV 12 2002
 Breakdown _____ Maximum _____
 Average _____ Frac Gradient _____
 Shut In: Instant _____ 5 Min _____ 15 Min _____
 Treatment _____ Gal-BBI _____
 Cement Slurr _____ 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
 David Eric



JOB LOG

ORDER NO. 70006

TICKET # 1315115	TICKET DATE 8-20-01
BDA / STATE KS	COUNTY SHELBY
PSL DEPARTMENT Z.I.	CUSTOMER REP / PHONE D... ..
API / UWI #	JOB PURPOSE CODE 7531
	HES FACILITY (CLOSEST TO WELL SITE) LIFERAL

REGION North America	NWA / COUNTRY MEXICO
MBU ID / EMP # 118516	EMPLOYEE NAME J. CLEMENS
LOCATION Hecral	COMPANY OXY-USA
TICKET AMOUNT 13,208.18	WELL TYPE OIL
WELL LOCATION SHELBY CO. KS	DEPARTMENT Z.I.
LEASE / WELL # Central A1	SEC / TWP / RNG 31-31S-33W

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
J. CLEMENS 148516	10						
R. Ferguson 106191	10						
J. Lopez 148514	10						
D. Grubbs 219434	10						

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS (psi)		JOB DESCRIPTION/REMARKS
				T	C	Tbg	Csg	
	2200							Arrived on location
	2300							Held Pre-Job Safety Meeting
	2310							Set up Equip.
	01:20							Started Running 8 7/8 Casing
	01:30							Run F.R.
	340							Break Cir.
	410					2500		Test lines
	415	6	224					Start lead Cement
	430	6	36					Start Tail
	431							Drop plug
	435	6	108					Start Disp.
	515							Bump Plug
								Float Held
			20					* Circ. Cement to SURFACE

RELEASED

NOV 12 2002

Thank You FROM CONFIDENTIAL

RECEIVED

AUG 31 2001

KCC WICHITA



HALLIBURTON ORIGINAL

Work Order Contract

CONFIDENTIAL

Halliburton Energy Services, Inc. Houston Texas 77056

Order Number

1315145

70012 SAP

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. D-1	Farm or Lease CENTRAL	County STEVENS	State KS	Well Permit # KCC
Customer OXY-USA	Well Owner SAME	Job Purpose Cementing	AUG 30 2001	

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

CONFIDENTIAL

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 Invoices. 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 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 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 arbitration 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 modification 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. 77020.

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: David E. Rice DATE: 8-25-01 TIME: 2:12 A.M./P.M.

CUSTOMER Authorized Signatory

Customer Acceptance of Materials and Services

RELEASED

RECEIVED

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

NOV 12 2002

David E. Rice

AUG 31 2001

CUSTOMER Authorized Signatory

White-Office

Canary-Field Office

FROM CONFIDENTIAL

Customer

KCC WICHITA Green-Retail



JOB SUMMARY

CONFIDENTIAL

TICKET # 1335403

TICKET DATE 5-6-01

REGION North America	NWA / COUNTRY Mid Cont.	BDA / STATE KS	COUNTY Steven
MBU ID / EMP # 212723	EMPLOYEE NAME Terrako Evans	PSL DEPARTMENT Cement	
LOCATION L. Liberal, KS	COMPANY OXY-USA	CUSTOMER REP / PHONE Cal Wylie 629-043	
TICKET AMOUNT 10205.74	WELL TYPE oil	API / UWI # 15-189-22375	
WELL LOCATION W of Liberal, KS	DEPARTMENT Cement	JOB PURPOSE CODE 7523	
LEASE / WELL Central A-1	SEC / TWP / RNG 31-34S-35W	HES FACILITY (CLOSEST TO WELL SITE) Liberal, KS	

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
J Evans 212723	12.5						
L Carpenter	12.5						
J Branch 229451	12.5						

HES UNIT NUMBERS	RT MILES	HES UNIT NUMBERS	RT MILES	HES UNIT NUMBERS	RT MILES	HES UNIT NUMBERS	RT MILES
422207	25						
10251387	25						
54938, 77031	50						

ORIGINAL

KCC

AUG 30 2001

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

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
6-5-01	2000	6-5-01	6-6-01	6-6-01
			0800	1100

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar Insert	1	
Float Shoe Scratchers	16	
Guide Shoes 5 1/2	1	
Centralizers 5 1/2	23	9 Reg 14 FM
Bottom Plug 5 1/2	1	
Top Plug 5 1/2	1	Halco
Head 5 1/2	1	
Packer Clamp 5 1/2	1	
Other Part Collar 5 1/2	1	

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	new	15.5	5.5	0	6854	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						SHOTS/FT.
Open Hole						
Perforations						
Perforations						
Perforations						

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	In
Perpac Balls	Qty	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				<p style="text-align: center;">RECEIVED</p> <p style="text-align: center;">AUG 31 2001</p> <p style="text-align: center;">KCC WICHITA</p>

ORDERED	HYDRAULIC HORSEPOWER	Used
TREATED	Average Rates in BPM	Overall
FEET	CEMENT LEFT IN PIPE	Reason

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	275	50/50 Poz H	Bulk	4" cal seal, 5% Gilsomite, 10% S.H., 5% Haled 322	1.49	13.25

NOV 12 2002

Circulating _____ Displacement _____ Preflush: Gal-BBL _____ Type _____
 Breakdown _____ Maximum _____ Load & Bkdn: Gal-BBI _____ Pad: BBI-Gal _____
 Average _____ Frac Gradient _____ Treatment Gal-BBI _____ Disp: BBI-Gal 161551
 Shut In: Instant _____ 5 Min _____ 15 Min _____ Cement Slurr Gal-BBI 73651
 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

Work Order Contract

Halliburton Energy Services, Inc.
Houston Texas 77056

Order Number

1335403

70012 SAP

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:

Table with columns: Well No. (A-1), Farm or Lease (Central), County (Stevens), State (KS), Well Permit #, Customer (OKY-145A), Well Owner, Job Purpose (Long String)

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.

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.

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.

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 costs, unless caused by Halliburton's sole negligence.

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.

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.

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.

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.

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.

KCC

ORIGINAL

SIGNED: [Signature] DATE: 6-2-01 TIME: A.M./P.M.

Customer Acceptance of Materials and Services RECEIVED CONFIDENTIAL

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

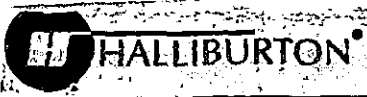
[Signature] AUG 31 2001 CUSTOMER Authorized Signatory

White-Office

FROM CONFIDENTIAL

Pink-Customer

KCC WICHITA Green-Retain



JOB LOG

ORDER NO. 70066

TICKET #	TICKET DATE
WDA / STATE	COUNTY
PSL DEPARTMENT	
CUSTOMER REP / PHONE	
API / UWI #	
JOB PURPOSE CODE	
HES FACILITY (CLOSEST TO WELL SITE)	

REGION	North America	NWA / COUNTRY
MBU ID / EMP #		EMPLOYEE NAME
LOCATION		COMPANY
TICKET AMOUNT		WELL TYPE
WELL LOCATION		DEPARTMENT
LEASE / WELL #		SEC / TWP / RNG

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
	12.5						
	12.5						
	12.5						

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESS (psi)		JOB DESCRIPTION/REMARKS
				Top	Csg	Top	Csg	
	2000							Called out
	2030							on location Rig was coming out of hole
	2135							Field Safety meeting
	2240							Rig up trucks
	0145							Run float Equip Part call at 3346"
	0716							Circulate well / hr
	0800							Pressure test
	0805	3	30					Drop bottom pump spacer 10 bbl C ₂ H ₂ O
	0800							Pressure 5 bbl H ₂ O, 10 bbl SF, 5 bbl H ₂ O
	0815	5	67					Pump cement
	0843							Drop top plug
	0844	6	161					start Disp
	0858							Disp catch cement
	0916							Bump plug
	1030		6					End top Plug Ret + Mouse
	1100							End Top

Thanks for calling Halliburton

CONFIDENTIAL

ORIGINAL

KCC

AUG 30 2001

RECEIVED

CONFIDENTIAL

RELEASED

AUG 31 2001

NOV 12 2002

KCC WICHITA

FROM CONFIDENTIAL