

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

API NO. 15- 189-22404-0000

County Stevens

ORIGINAL

Operator: License # 5278

Name: EOG Resources, Inc.

Address 20 N. Broadway, Ste 800

City/State/Zip Oklahoma City, OK 73102

Purchaser: Duke Energy Field Svc

Operator Contact Person: Ken McCombs

Phone (405) 239-7800

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Schlumberger

Designate Type of Completion  
 New Well  Re-Entry  Workover

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

If Workover/Re-Entry: old well info as follows:

Operator: APR 16 2002

Well Name:

Comp. Date Old Total Depth

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

10/3/01 10/14/01 2/26/02  
Spud Date Date Reached TD Completion Date

AP C - 1/2 Sec. 11 Twp. 34 Rge. 35 X <sup>E</sup> <sub>W</sub>  
1370 Feet N (circle one) of Section Line  
2640 Feet E (circle one) of Section Line

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

Lease Name Rittenoure Well # 11 #3

Field Name

Producing Formation Marmaton

Elevation: Ground 2978 KB

Total Depth 6800 PBTB 5353

Amount of Surface Pipe Set and Cemented at 1750 Feet

Multiple Stage Cementing Collar Used? Yes  No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan ACT 1 DPW  
must be collected from the Reserve Pit) 5-21-02

Chloride content 2500 ppm Fluid volume 1800 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

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 Randy Schwab  
Title Sr. Production Engineer Date 4/19/02

Subscribed and sworn to before me this 9th day of April 2002

Notary Public [Signature]  
Date Commission Expires 2/17/05

K.C.C. OFFICE USE ONLY 4-17-02 DPW  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Operator Name EOG Resources, Inc. Lease Name Rittenoure Well # 11 #3  
 Sec. 11 Twp. 34S Rge. 35  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  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: Platform Express  
 Comp. Neutron/Density  
 Microlog

Name	Top	Datum
CHASE	2680	
HEEBNER	4311	
LANSING	4421	
KANSAS CITY	4348	
MARMATON	5144	
MORROW	5820	

CASING RECORD  New  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	1750	Midcop Prem Plus	375	2% CaCl <sub>2</sub>
Production	7 7/8	4 1/2	10.5	5400	Midcon Prem Plus	25	3% FWCA, 5% UCL, .75% Versaset .5% Haladip

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	5232' - 5237'	N/A	

TUBING RECORD Size 2 3/8 Set At 5193 Packer At 5193 Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 2/27/02 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	622	0	N/A	N/A

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

<b>HALLIBURTON</b>		<b>JOB SUMMARY</b>		SALES ORDER NUMBER 155624	TICKET DATE 10/04/01
REGION NORTH AMERICA LAND		COUNTRY USA		BDA / STATE KS	COUNTY STEVENS
WELL ID / EMPL # MCL10110 106328		WELL NAME NICK KORBE		PSL DEPARTMENT Cementing Services	
LOCATION LIBERAL		COMPANY EOG RESOURCES		CUSTOMER REP / PHONE MIKE HARRIS	
TICKET AMOUNT \$12,700.61		WELL TYPE OIL		AP/WI #	
WELL LOCATION S OF WOODS		DEPARTMENT CEMENT		SAP BOMB NUMBER 7521	Description Cement Surface Casing
LEASE NAME RITTENOURE		Well No. 11#3	SEC / TWP / RNG 11-34S-35W	WELL FACILITY (CLOSEST TO WELL SITE) LIBERAL	

ORIGINAL

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS
Korbe, N 106328	0.0	Lopez, J 188514	0.0		
KING, KIRBY105942	0.0				
WHITE, L 232712	0.0				
Arc	0.0				

HES UNIT #S (R/T MILES)	R/T MILES	R/T MILES	R/T MILES	R/T MILES
421270	35			
54218/78202	35			
10244148/8810	35			
10243558/75821	35			

Form Name	Type:	Date	Called Out	On Location	Job Started	Job Completed
Form Thickness	From To	10/04/2001	10/04/2001	10/04/2001	10/04/2001	
Packer Type	Set At	Time	0300	0615	1345	1445
Bottom Hole Temp.	Pressure					
Retainer Depth	Total Depth					

Type and Size	Qty	Make	New/Used	Weight	Size	Grade	From	To	Max. Allow
Float Collar	1	HALCO	NEW	24.0	8 5/8		0	1,750	
Float Shoe									
Centralizers	6	HALCO							
Top Plug	1	HALCO							
HEAD									
Limit clamp	1	HALCO							
Weld-A	1	HALCO							
Guide Shoe	1	HALCO							
STEEL VANE BASKET	1	HALCO							

Mud Type	Density	Lb/Gal	Date	Hours	Date	Hours	SURFACE PIPE
Disp. Fluid			10/4		10/4	1.0	
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				1.0	
Blocking Agent	Gal/Lb	In					
Perfpac Balls	Qty.						

RECEIVED  
KANSAS CORPORATION  
APR 16 2002  
DIVISION  
rest 45  
CONSERVATION  
WICHITA, KS

Other	Ordered	Avail.	Used
Other	Treating	Dispo.	Overall
Other	Reason	SHOE JOINT	

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
LEAD	370	MIDCON C	BULK	3%CC, 1/8" POLYFLAKE	20.50	3.27	11.10
TAIL	185	PREM. PLUS	BULK	2%CC, 1/8" POLYFLAKE	6.30	1.34	14.6

Circulating Breakdown	Displacement	Preflush:	BBI	Type:
	MAXIMUM	Load & Bkdn:	Gal - BBI	Pad: BBI - Gal
Average Shut In: Instant	Frac. Gradient	Treatment:	Gal - BBI	Disp: BBI
	5 Min. 15 Min.	Cement Slurry	BBI	215/39
		Total Volume	BBI	#VALUE!

THE INFORMATION STATED HEREIN IS CORRECT  
CUSTOMER REPRESENTATIVE \_\_\_\_\_  
SIGNATURE \_\_\_\_\_

COPY

ORIGINAL

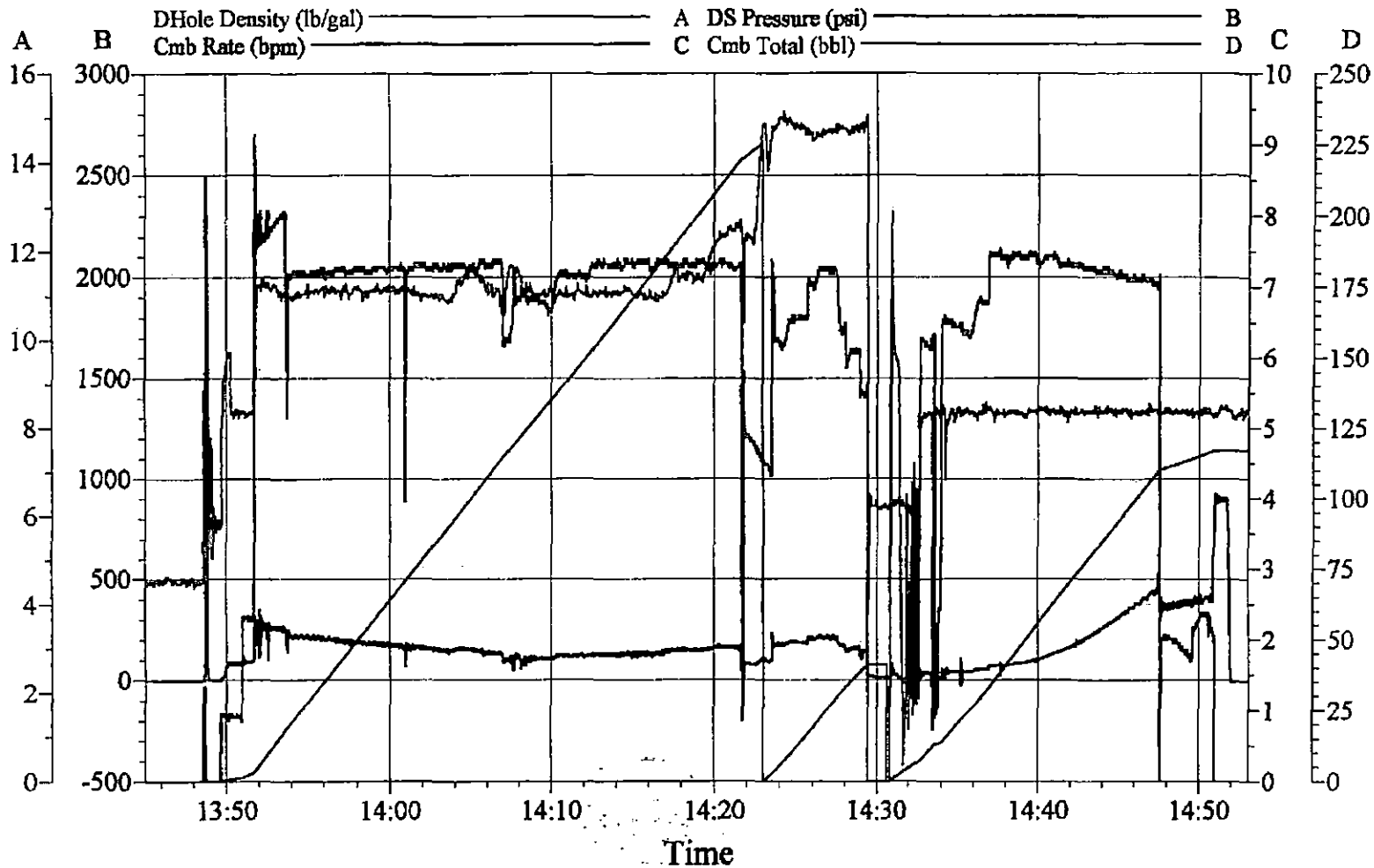
<b>HALLIBURTON</b>		<b>JOB LOG</b>		TICKET # 1555624	TICKET DATE 10/04/01
REGION NORTH AMERICA LAND		COUNTRY USA		STATE KS	COUNTY STEVENS
WELL ID / EMP # MCLID110	108328	H.E.S. EMPLOYEE NAME NICK KORBE		P.S.L. DEPARTMENT Cementing Services	
LOCATION LIBERAL		COMPANY EOG RESOURCES		CUSTOMER REP / PHONE MIKE HARRIS	
COST ACCOUNT \$12,700.61		WELL TYPE OIL		AP/UM #	
WELL LOCATION S OF WOODS		DEPARTMENT CEMENT		JOB PURPOSE CODE Cement Surface Casing	
LEASE NAME RITTENOUR	WELL No. 11#3	SEC / HWP / TRNG 11-345-35W		HES FACILITY (CLOSEST TO WELL) LIBERAL	
HES EMP NAME/EMP # (EXPOSURE HOURS)		HES EMP NAME/EMP # (EXPOSURE HOURS)		HES EMP NAME/EMP # (EXPOSURE HOURS)	
Korbe, M 108328		Lopez, J 198514			
KING, KIRBY105942					
WHITE, L 232712					
Archuleta, M 226383					
	0300				CALLED OUT
	0815				ON LOCATION
					HELD SAFETY MEETING
					SET UP TRUCKS
					START F. E.
					BREAK CIRCULATION
	1347			2000	TEST LINES
	1350	7.0	O	225	START LEAD CEMENT
	1422	6.0	215/0	176	START TAIL CEMENT
	1428		39.0		END CEMENT
	1429				RELEASE PLUG
	1430	7.0	O	76	START DISPLACEMENT
	1448	2.0	99.0	380	SLOW RATE
	1451	2.0	109.0	428/300	BUMP PLUG
	1452				RELEASE PRESSURE
					FLOAT HELD
					CIRCULATED <i>30</i> BBLs CEMENT TO PIT
					JOB COMPLETE
					THANK YOU
					NICK & CREW

COPY

ORIGINAL

COPY

# EOG RESOURCES



Customer: EOG RESOURCES	Job Date: 10-4-01	Ticket #: 1555624
Well Description: RITTENOURE 11#3	UWI: SURFACE PIPE	

HALLIBURTON  
 CemWin v1.3.0  
 04-Oct-01 14:55

<b>HALLIBURTON</b>		<b>CUSTOMER SATISFACTION</b>		TICKET # <b>1555824</b>	TICKET DATE <b>10/04/2001</b>
FIRM <b>NORTH AMERICA LAND</b>		HNA / COUNTRY <b>USA</b>		SDR / STATE <b>KS</b>	COUNTY <b>STEVENS</b>
MOU ID / EMPL # <b>JD110 101</b>		H.E.S. EMPLOYEE NAME <b>NICK KORBE</b>		PCL DEPARTMENT <b>Cementing Services</b>	
LOCATION <b>LIBERAL</b>		COMPANY <b>EOG RESOURCES</b>		CUSTOMER REP. / PHONE <b>MIKE HARRIS</b>	
TICKET AMOUNT <b>\$12,700.81</b>		WELL TYPE <b>OIL</b>		APIUM #	
WELL LOCATION <b>S OF WOODS</b>		DEPARTMENT <b>CEMENT</b>		JOB PURPOSE CODE <b>Cement Surface Casing</b>	
LEASE / WELL # <b>RITTENOUR 11#3</b>		SEC / TWP / RNG <b>11-34S-35W</b>		HES FACILITY (CLOSEST TO WELL SITE) <b>LIBERAL</b>	

Dear Customer,

We hope that you were satisfied with the service quality of this job performed by Halliburton. It is the aim of our management and service personnel to deliver equipment and service of a standard unmatched in the service sector of the energy industry.


Please take the time to let us know if our performance met with your satisfaction. Please be as critical as possible to ensure we constantly improve our service. Your comments are of great value to us and are intended for the exclusive use of Halliburton.

RATING	DESCRIPTION	OPPORTUNITY
5	Superior Performance (Establish new quality/performance standards)	Best Practice
4	Exceeded Expectations (Provided more than what was required/expected)	Potential Best Practice
3	Met Expectations (Did what was expected)	Prevention/Improvement
2	Below Expectations (Did not do what was expected [Recovery made])	CPI Required
1	Poor Performance (Job problems/failures occurred [* Some recovery made])	CPI Required

CATEGORY	CUSTOMER SATISFACTION RATING	RATING 1-5
	Did our personnel perform to your satisfaction?	
	Did our equipment perform to your satisfaction?	
	Did we Perform the job to the agreed upon design?	
	Did our products and materials perform as you expected?	
	Did we perform in a safe and careful manner (Pre/post mtgs., PPE, JSA, etc.)?	
	Did we perform in an environmentally sound manner (Spills, leaks, cleanup, etc.)?	
	Was job performed as scheduled (On time to site, accessible to customer, completed on time)?	
	Did the equipment condition and appearance meet your expectations?	
	How well did our personnel communicate during mobilization, rig-up and job execution?	
<b>IMPROVEMENT:</b> What can we do to improve our service?		
<b>CUSTOMER COMMENTS:</b> PLACE ADDITIONAL COMMENTS ON BACK OF FORM		
Customer Signature:		Date: 10/04/2001
<b>KEY PERFORMANCE INDICATORS - GENERAL</b>		

TOTAL HES PERSONNEL ON LOCATION: (Count)	<b>5</b>	TOTAL MAN-HOURS ON LOCATION: (Sum total of hours on location for all HES employees)	<b>44.5</b>
Operating Time (Job Start to Job End (Hrs.))	<b>1.0</b>	HSE INCIDENT, ACCIDENT, INJURY: (Yes / No)	<b>N</b>

 HALLIBURTON		CEMENTING EJCS - KPI SURVEY		TICKET #	1555824
COUNTRY	USA	LOCATION	LIBERAL	BD/STATE	KS
H.E.S. EMPLOYEE NAME		MBU		TICKET DATE	10/04/01
NICK KORBE		ACLI0110	10632	Cementing Services	
CUSTOMER REP. / PHONE		COMPANY		JOB PURPOSE CODE	
MIKE HARRIS		EOG RESOURCES		7521	
WELL NAME	RITTENOURE	APRAM #	0	JOB SITE	LIBERAL
				JOB CLASSIFICATION	Cement Surface Casing

**CEMENTING KEY PERFORMANCE INDICATORS**

**DEFINITION OF JOB - DEFINED AS A PUMPING SESSION**

WAS THIS A PRIMARY CEMENT JOB ?	YES
NUMBER OF REMEDIAL SQUEEZE JOBS REQUIRED AFTER PRIMARY JOB PERFORMED BY HES:	0

NUMBER OF REMEDIAL SQUEEZE JOBS REQUIRED AFTER PRIMARY JOB PERFORMED BY COMPETITION:	0
--	---

WAS THIS A PRIMARY PLUG JOB ?	NO
-------------------------------	----

NUMBER OF REMEDIAL PLUG JOBS NEEDED AFTER PRIMARY PLUG PUMPED BY HES:	0
---	---

OPERATING HOURS: (Pumping hours)	1
-------------------------------------	---

DID WE RUN TOP AND BOTTOM CASING WIPER PLUGS ?	TOP
--	-----

NUMBER OF JSAs PERFORMED: (Job Safety Analysis)	0
--	---

MIXING DENSITY - PERCENT(%) OF JOB STAYED IN DESIGNED DENSITY RANGE: (Density range defined as +/- 0.20ppg ie. 2/10ppg) (Calculation: Total BBLs Cement mixed at designed density divided by Total BBLs of Cement pumped Multiplied by 100)	100
WAS AUTOMATED DENSITY CONTROL (ADC) USED ?	NO

PUMP RATE - PERCENT(%) OF JOB STAYED AT DESIGNED PUMP RATE: (Pump rate range defined as +/- 1bbw/min) (Calculation: Total BBLs of fluid pumped at the designed rate divided by Total BBLs of Fluid pumped, Multiplied by 100)	100
---	-----

NON-PRODUCTIVE RIG TIME: (Cementing PSL responsibility)	0
--	---

REASON FOR NON-PRODUCTIVE RIG TIME: (Cementing PSL responsibility)	
---	--

TYPE OF RIG (CLASSIFICATION) JOB WAS PERFORMED ON:	ROTARY
--	--------

NUMBER OF UNPLANNED SHUTDOWNS: (After starting to pump)	0
--	---

REASON FOR UNPLANNED SHUTDOWNS: (After starting to pump)	
---	--



# Work Order Contract

Halliburton Energy Services, Inc.  
Houston, Texas 77056

Order Number 1555624

# ORIGINAL

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. <b>11#3</b>	Farm or Lease <b>RITTENOUR</b>	County <b>STEVENS</b>	State <b>KS</b>	Well Permit Number
Customer <b>EOG RESOURCES</b>	Well Owner <b>EOG RESOURCES</b>	Job Purpose <b>Cement Surface Casing</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-tenant 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 fractures 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 circumstances of any wound 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, licensors and subcontractors and all indirect 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, Customers, or any other person or entity. Customer agrees to accept 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 policies. 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 purposes 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 30.15(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 or 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 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 Signatory

DATE: **10-4-01**

TIME: **0700**

Customer Acceptance of Materials and Services

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

ORDER NUMBER **1555624**

CUSTOMER Authorized Signatory

# COPY



SALES ORDER

ORIGINAL



Halliburton Energy Services, Inc.

Sales Order Number: 1555624

Sales Order Date: October 02, 2001

SOLD TO:  
EOG RESOURCES  
6101 S BROADWAY, STE 200  
TYLER TX 76703  
USA

Ticket Type: Services  
Well/Rig Name: EOG RITTENOURE 11#3, SEWARD  
Company Code: 1100  
Customer P.O. No.: N/A  
Shipping Point: Liberal, KS, USA  
Sales Office: Mid-Continent BD  
Well Type: Oil  
Well Category: Development  
Service Location: 0037  
Payment Terms: Net due in 30 days

SHIP TO:  
EOG RITTENOURE 11#3, SEWARD  
RITTENOURE  
LIBERAL KS 67901  
USA

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7521	PSL - CMT SURFACE CASING - BOM JP010	1	JOB					
1	"ZI-MILEAGE FROM NEAREST HES BASE,/UNIT" 000-117 Number of Units	30	MI		4.41	132.30	52.92-	79.38
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	30	MI		2.60	78.00	31.20-	46.80
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METRES (FT/M)	1	EA		1,963.00	1,963.00	785.20-	1,177.80
132	PORTABLE DAS,/DAY/JOB,ZI 045-030 NUMBER OF DAYS	1	JOB		916.00	916.00	366.40-	549.60
100003163	PLUG-CMTG-TOP PLASTIC-8-5/8 402.15781 / PLUG - CMTG - TOP PLASTIC - 8-	1	EA		196.00	196.00	68.60-	127.40

COPY

ORIGINAL



Halliburton Energy Services, Inc.

Sales Order Number: 1555624

Sales Order Date: October 02, 2001

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
100004727	5/8 / 24-49# SHOE - GUIDE - 8-5/8 BRD 12A825.217 / SHOE - GUIDE - 8-5/8 BRD	1	EA		299.00	299.00	104.65-	194.35
100004702	VALVE ASSY-INSERT FLOAT-8-5/8 24A- 815.19502 / VALVE ASSY - INSERT FLOAT - 8-5/8 BRD / CSG 24#	1	EA		328.00	328.00	114.80-	213.20
100013933	FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8 815.19405 / FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8 / INSERT FLOAT VALVE	1	EA		45.00	45.00	15.75-	29.25
100004599	BASKET - CEMENT - 8 5/8 CSG X 12 1/4 806.70060 / BASKET - CEMENT - 8-5/8 CSG X 11 - / 12-1/4 HOLE - SLIP-ON - STEEL VANE - UNIVERSAL BOW	1	EA		299.00	299.00	104.65-	194.35
100004521	CENTRALIZER ASSY - 8-5/8 CSG X 12-1/4 40806.61048 / CENTRALIZER ASSY - 8-5/8 CSG X 12-1/4 / HOLE - HINGED - W/WELDED STANDARD / BOWS	6	EA		88.00	528.00	184.80-	343.20
100004642	CLP,LIM,8 5/8,FRICT,WTH DOGS XXXXXXXX 806.72750 / CLAMP - LIMIT - 8- 5/8 - FRICTION - / W/DOGS	1	EA		43.00	43.00	15.05-	27.95
100005045	HALLIBURTON WELD-A KIT HALLIBURTON WELD-A KIT	1	EA		18.43	18.43	6.45-	11.98
15079	SBM MIDCON 2 PREMIUM PLUS 504-282	370	SK		21.76	8,051.20	3,220.48-	4,830.72
100005053	Chemical - Calcium Chloride Hi Test Pkt 509-406890.50812 / CALCIUM CHLORIDE - HI TEST PELLETS - / 94-97% CACL 2 - 80# BAG	14	SK		104.80	1,467.20	586.88-	880.32

COPY



ORIGINAL

Halliburton Energy Services, Inc.

Sales Order Number: 1555624

Sales Order Date: October 02, 2001

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
101216940	Chemical - Poly-E-Flake (25# bag) NO PART NUMBER PRIOR TO SAP	67	LB		2.71	181.57	72.63-	108.94
100012205	Cement- Class C / Premium Plus (Bulk) 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	165	SK		19.39	3,199.35	1,279.74-	1,919.61
3965	HANDLE&DUMP SVC CHRGR, CMT&ADDITIVES,ZI 300-207 NUMBER OF EACH	588	CF		2.47	1,452.36	580.94-	871.42
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	529	MI		1.51	798.79	319.52-	479.27
	SALES ORDER AMOUNT					19,998.20	7,910.88-	12,085.54
	Sales Tax - State							501.37
	Sales Tax - County							11.40
	Sales Tax - City/Loc							102.30
16092	add hrs	2	hrs		516.00	1032.00	412.80	12,700.81 US Dollars 619.20 <u>13319.91</u>

INVOICE INSTRUCTIONS:

Operator Name:  
Customer Agent:

Halliburton Approval: X  
Customer Signature: X

*Neil Hunter*

COPY

<b>HALLIBURTON</b>		<b>JOB SUMMARY</b>		SALES ORDER NUMBER 1580880	TICKET DATE 10/15/01
REGION <b>NORTH AMERICA LAND</b>	AREA / TRY <b>Mic-continent</b>	ADA / STATE <b>KS</b>	COUNTY <b>SEDWARD</b>	<b>ORIGINAL</b>	
MSU ID / EMP. # <b>MCLI 0113/198516</b>	EMPLOYEE NAME <b>JASON CLEMENS</b>	PSL DEPARTMENT <b>Cementing Services</b>	CUSTOMER REP / PHONE <b>MIKE HARRIS</b>		
LOCATION <b>LIBERAL</b>	COMPANY <b>EOG RES</b>	WELL TYPE <b>OIL</b>	APPLANT #		
TICKET AMOUNT <b>\$10,804.69</b>	DEPARTMENT <b>ZI</b>	SAP BOMB NUMBER <b>7523</b>	Description <b>Cement Plug Back</b>		
WELL LOCATION <b>LIBERAL</b>	SEC / TRAP / RING <b>11-3 11-34S-34W</b>	HES FACILITY (CLOSEST TO WELL SITE) <b>LIBERAL KS.</b>			
LEASE NAME <b>RITTENOUR</b>	WELL No. <b>11-3</b>				

HES EMP NAME / EMP # (EXPOSURE HOURS)	HR2	HR3	HR4	HR5
<b>CLEMENS, J 188516</b>				
<b>FREDERICK, S 108114</b>				
<b>Gonzales, R - 224808</b>				
<b>Schawo, N - 222852</b>				

HES UNITS / (R/T MILES)	R/T MILES	R/T MILES	R/T MILES	R/T MILES
<b>420624</b>	<b>20</b>			
<b>64029/10286731</b>	<b>30</b>			
<b>10219237</b>	<b>20</b>			
<b>54225/6811</b>	<b>30</b>			

Form. Name _____ Type: _____	Form. Thickness _____ From _____ To _____	Date	Called Out	On Location	Job Started	Job Completed
Packer Type _____ Set At _____	Bottom Hole Temp. _____ Pressure _____	Time	1630	2030	0000	10/16/2001
Retainer Depth _____ Total Depth _____						

Type and Size	Qty	Make	New/Used	Weight	Size	Grade	From	To	Max. Allow
Float Collar	1	HES	N	10.5	4 1/2		0	5,402	
Float Shoe	1								
Centralizers	11								
Top Plug	1								
HEAD	1								
Limit clamp									Shots/Ft.
Web-A	1								
Guide Shoe									
BTM PLUG									

Mud Type	Density	Lb/Gal	Date	Hours	Date	Hours
Disp. Fluid			10/15	18.0	10/15	3.0
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						

Ordered	Avail.	Used
Treating	Disp.	Overall
Feet 45	Reason	SHOE JOINT

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	50	PP	Bulk	1/10% HR-5	5.30	1.18	16.60
2	25	MIDCON	Bulk	.3% FWCA, 10% GILSONITE	20.22	3.36	11.0
3	120	PERM	Bulk	.75% VERSASET, 5% KCL, 10% GILSONITE, .5% HALAD-9, .25% D-AIR	7.22	1.63	13.8
4			Bulk				

Circulating Breakdown	Displacement	Preflush:	BBI	Type:
	MAXIMUM	Load & Bkdn:	Gal - BBI	Pad: Bbl - Gal
Average Shut In: Instant	Frac. Gradient	Treatment:	Gal - BBI	Disp: Bbl
	5 Min. 15 Min.	Cement Slurry	BBI	1ST 11 2ND 15 3RD 39
		Total Volume	BBI	85.00

THE INFORMATION STATED HEREIN IS CORRECT  
CUSTOMER REPRESENTATIVE \_\_\_\_\_  
SIGNATURE \_\_\_\_\_

COPY

HALLIBURTON		JOB LOG			TICKET #	TICKET DATE	
REGION NORTH AMERICA LAND		AREA / COUNTRY Mid Continent			BOA / STATE KS	COUNTY SEDWARD	
MSU ID / EMPL # MCL1 0113/198516		HUB # EMPLOYEE NAME JASON CLEMENS			PBL DEPARTMENT Cementing Services		
LOCATION LIBERAL		COMPANY EOG RES			CUSTOMER REP / PHONE MIKE HARRIS		
TICKET AMOUNT \$10,804.89		WELL TYPE OIL			APPOINT #		
WELL LOCATION LIBERAL		DEPARTMENT ZI			JOB PURPOSE CODE Cement Plug Back		
LEADER NAME RITTENOUR		Well No. 11-3	REQD / TWT / RNS 11-34S-34W		NEAR FACILITY (CLOSEST TO WELL) LIBERAL KS.		
HRS		HRS		HRS		HRS	
CLEMENS, J 198516							
FREDERICK, S 106114							
Gonzales, R - 224608							
Schawo, N - 222552							
	2030					ARRIVED ON LOCATION	
	2045					HOLD PRE-JOB SAFETY MEETING	
	2100					SPOT EQUIP.	
						PLUG SET AT 5660	
	0000	3.0	5.0	300		START SPACER	
	0004	6.0	11.0	275		START CEMENT	
	0016	3.0	2.0	275		SPACER BEHIND	
	0018	6.0		280		START DISP W/ MUD	
	500					START FE	
	1030					HOOK UP CIR W/ RIG 4 HOURS	
	1354			1800		PRESSURE TEST	
	1357	6.0	15.0	500		START LEAD	
	1400	6.0	39.0	420		START TAIL	
	1408	6.0				WASH UP	
	1408					DROP PLUG	
	1411	6.0	85.0	100		START DISP	
	1425	2.0	75.0	400		SLOW RATE	
	1430	2.0	85.0	900		LAND PLUG	
						THANKS JASON & CREW.	



Work Order Contract

ORIGINAL

Halliburton Energy Services, Inc.
Houston, Texas 77056

Order Number 1580880

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:

Table with 5 columns: Well No., Farm or Lease, County, State, Well Permit Number. Row 1: 11-3, RITTENOURE, SEDWARD, KS, Well Permit Number. Row 2: Customer: EOG RES, Well Owner: EOG RES, Job Purpose: Cement Plug Back.

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 vapor; 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, OBTAINING 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 unconsciousness 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, licensors and subcontractors and all further officers, directors, employees, consultants and agents. Customer's RELEASE, OBTAINING 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 requested 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(e) 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 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: \_\_\_\_\_ DATE: 10-15-01 TIME: 2030
CUSTOMER Authorized Signatory

Customer Acceptance of Materials and Services

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

ORDER NUMBER 1580880 CUSTOMER Authorized Signatory

COPY

SALES ORDER



Halliburton Energy Services, Inc.

Sales Order Number: 1580880

Sales Order Date: October 15, 2001

<p><b>SOLD TO:</b>                  EOG RESOURCES                  8101 S BROADWAY, STE 200                  TYLER TX 75703                  USA</p>	<p><b>Ticket Type:</b> Services  <b>Well/Rig Name:</b> EOG RITTENOURE 11#3, SEWARD  <b>Company Code:</b> 1100  <b>Customer P.O. No.:</b> N/A  <b>Shipping Point:</b> Liberal, KS, USA  <b>Sales Office:</b> Mid-Continent BD  <b>Well Type:</b> Oil  <b>Well Category:</b> Development  <b>Service Location:</b> 0037  <b>Payment Terms:</b> Net due in 30 days</p>
<p><b>SHIP TO:</b>                  EOG RITTENOURE 11#3, SEWARD                  RITTENOURE                  *                  LIBERAL KS 67801                  USA</p>	

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7523	PSL - CMT PRODUCTION CASING BOM JP05	1	JOB					
1	*ZI-MILEAGE FROM NEAREST HES BASE,/UNIT* 000-117 Number of Units	40	MI		4.41	176.40	870.56	105.84
2	MILEAGE FOR CEMENTING CRBW,ZI 000-119 Number of Units	40	MI		2.50	104.00	81.60	62.40
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METRES (FT/M)	1	EA		2,917.00	2,917.00	1,166.80	1,750.20
132	PORTABLE DAS,/DAY/JOB,ZI 045-030 NUMBER OF DAYS	1	JOB		916.00	916.00	366.40	549.60
24335	COMBO PLUG-BACK/CSG JOB,0-24 HRS,ZI 008-308	1	EA		3,680.00	3,680.00	1,472.00	2,208.00



Halliburton Energy Services, Inc.

Sales Order Number: 1580880

Sales Order Date: October 15, 2001

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	8 HR PERIODS-HOURS OR FRACTION	20	hr					
100004879	SHOE-FLOAT- 4-1/2 8RD - 2-3/4 SUPER 5A837.00300 / SHOE-FLOAT- 4-1/2 8RD - 2-3/4 SUPER / SEAL II VALVE	1	EA		292.00	292.00	102.20-	189.80
100004752	COLLAR-FLOAT- 4-1/2 8RD 9.5-13.5#/FT - COLLAR-FLOAT- 4-1/2 8RD 9.5-13.5#/FT - / 2-3/4 SUPER SEAL II VALVE	1	EA		341.00	341.00	119.35-	221.65
100004491	CTRZR ASSY, TURBO, API, 4 1/2 CSG X 7 7/8 806.60104 / CENTRALIZER ASSY - TURBO API - / 4-1/2 CSG X 7-7/8 HOLE - HINGED - / W/WELDED IMPERIAL BOWS AND FLUID / DEFLECTOR PINS	11	EA		78.75	866.25	303.19-	563.06
100004638	CLAMP-LIMIT-4 1/2-FRICT-W/DOGS XXXXXXXXX 806.72720 1/2 CLAMP - LIMIT - 4 1/2 - FRICTION - W/DOGS	1	EA		30.00	30.00	10.50-	19.50
100004595	BSKT, CEM, 4 1/2 CSG X 6 1/4, 8 3/4 H. 806.70020 / BASKET - CEMENT - 4-1/2 CSG X 6-1/4 - / 8-3/4 HOLE - SLIP-ON - STEEL VANE - / UNIVERSAL BOW	1	EA		195.00	195.00	68.25-	126.75
100003140	PLUG - CMTG - TOP ALUM - 4-1/2 402.1502 / PLUG - CMTG - TOP ALUM - 4-1/2 / 9.5-15.1#	1	EA		110.00	110.00	38.50-	71.50
100005045	HALLIBURTON WELD-A KIT HALLIBURTON WELD-A KIT	1	EA		18.43	18.43	6.45-	11.98
15079	SBM MIDCON 2 PREMIUM PLUS 504-282	25	SK		21.76	544.00	217.60-	326.40
100005050	Chemical - HR-5 (50 lb)	5	LB		5.23	26.15	10.46-	15.69





ORIGINAL

Halliburton Energy Services, Inc.

Sales Order Number: 1580880

Sales Order Date: October 15, 2001

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
100003623	XXXXXXXX 890.50077 / CHEMICAL - HR-3 - 50 LB SACK Chemical - WG-17-Gelling Agent - (50 lb) 156-672516.00341 / CHEMICAL - WG-17 - 50# SACK	7	LB		23.06	161.42	64.57-	96.85
100003700	Chem- Gilsonite (Bulk) 508-292 516.00337 / CHEMICAL - GILSONITE - BULK	1,450	LB		0.69	1,000.50	400.20-	600.30
100003687	Cement- Premium (Bulk) CEMENT - CLASS H - PREMIUM - BULK / CEMENT - CLASS H - PREMIUM - BULK	170	SK		18.95	3,221.50	1,288.60-	1,932.90
101007446	CHEM,D-AIR 3000, 40 LB BAG Chemical - D-Air 3000	30	LB		4.91	147.30	58.92-	88.38
100001617	Chemical - Halad-9 (50 lb) 70.15556 / CHEMICAL - HALAD-9 - 50# SACK	57	LB		12.50	712.50	285.00-	427.50
100001585	CHEM-KCL POTASSIUM CHLORIDE 30# 70.15302 / CHEMICAL - KCL POTASSIUM CHLORIDE - / 50 LB SACK OR BAG	363	LB		0.54	196.02	78.41-	117.61
100007865	CHEMICAL - VERSASET - 50 LB SACK 516.00789 / CHEMICAL - VERSASET - 50 LB SACK	85	LB		5.91	502.35	200.94-	301.41
3965	HANDLE&DUMP SVC CHR.G. CMT&ADDITIVES,ZI 500-207 NUMBER OF EACH	226	CF		2.47	558.22	223.29-	334.93
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN	205	MI		1.51	309.55	123.82-	185.73

COPY

ORIGINAL



Halliburton Energy Services, Inc.

Sales Order Number: 1580880

Sales Order Date: October 15, 2001

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	NUMBER OF TONS	1.00	ton					
	SALES ORDER AMOUNT					17,025.59	6,717.81	10,307.98
	Sales Tax - State							384.15
	Sales Tax - County							34.14
	Sales Tax - City/Loc							78.42
	SALES ORDER TOTAL							10,804.89
	Additional Hours	10			453.00			US Dollars 4530.00
								15334.69

INVOICE INSTRUCTIONS:

Operator Name: \_\_\_\_\_ Halliburton Approval: X \_\_\_\_\_  
Customer Agent: \_\_\_\_\_ Customer Signature: X \_\_\_\_\_

COPY