

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

Operator: License # 30157

Name: BRG Petroleum, Inc.

Address 7134 S. Yale Suite 511  
Suite 600 7

City/State/Zip Tulsa, OK 74136

Purchaser: Gas: GPM

Operator Contact Person: Susan L. Ashbridge

Phone (918) 496-2626

Contractor: Name: Val Energy

License: 5822

Wellsite Geologist: Clyde Wootton

Designate Type of Completion  
 New Well  Re-Entry  Workover

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

If Workover/Reentry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

2/12/97 2/23/97 3/14/97  
Spud Date Date Reached TD Completion Date

API NO. 15- 175-215890000

County Seward

S2 - S2 - SE - NE Sec. 9 Twp. 35 Rge. 32 X W E

2,600 Feet from (N) (circle one) Line of Section

975 Feet from (E)W (circle one) Line of Section

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

Lease Name Ballinger Well # 1-9

Field Name Liberal-Light

Producing Formation Chester + MORROW

Elevation: Ground 2,766' KB 2,776'

Total Depth 6,600' PBTB 6,575'

Amount of Surface Pipe Set and Cemented at 1,497 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 cnt.

Drilling Fluid Management Plan ALT 1 92 3-23-98  
(Data must be collected from the Reserve Pit)

Chloride content 3500 ppm Fluid volume 8000 bbls

Dewatering method used Dehydration

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

Operator Name \_\_\_\_\_

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

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

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

RECEIVED  
KANSAS OIL & GAS  
CORPORATION COMMISSION  
1997 OCT 30 A 10:10 AM

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

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

Signature Susan L. Ashbridge

Title Production Analyst Date 10/28/97

Subscribed and sworn to before me this 28<sup>th</sup> day of October, 19 97.

Notary Public Anita Adams

Date Commission Expires 12/12/99

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

Operator Name BRG Petroleum, Inc. Lease Name Ballinger Well # 1-9  
 Sec. 9 Twp. 35 Rge. 32  East County Seward  
 West

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

Drill Stem Tests Taken (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: CDL-DIL GR-CPL CEMENT BOND	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Name</th> <th style="width: 20%;">Top</th> <th style="width: 20%;">Datum</th> </tr> </thead> <tbody> <tr> <td>Kansas City</td> <td>4,592'</td> <td></td> </tr> <tr> <td>Des Moines</td> <td>5,282'</td> <td></td> </tr> <tr> <td>Oswego</td> <td>5,549'</td> <td></td> </tr> <tr> <td>Morrow</td> <td>5,918'</td> <td></td> </tr> <tr> <td>Chester</td> <td>6,172'</td> <td></td> </tr> <tr> <td>Ste. Genevieve</td> <td>6,490'</td> <td></td> </tr> </tbody> </table>	Name	Top	Datum	Kansas City	4,592'		Des Moines	5,282'		Oswego	5,549'		Morrow	5,918'		Chester	6,172'		Ste. Genevieve	6,490'	
Name	Top	Datum																				
Kansas City	4,592'																					
Des Moines	5,282'																					
Oswego	5,549'																					
Morrow	5,918'																					
Chester	6,172'																					
Ste. Genevieve	6,490'																					

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8-5/8"	23	1,497'	Mid Con & Prem +	470	3% CC & 1/2# SX Flocc
Production	7-7/8"	4 1/2"	10.5	6,600'	Prem +	250	18% Salt

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
2	6,106-08'; 6,110-16'; 6,120-32'	3,000 gals 15% NEHCL 6106-6274'
	6,264-74'	55,000 gelled 2% HCL 6106-6274'
		+ 69,000 # 20/40 Sand 6106-6274'

TUBING RECORD	Size 2 3/8"	Set At 6,127'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 11-11-97		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 150	Water Bbls. 30	Gas-Oil Ratio Gravity

Disposition of Gas: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	Production Interval 6106'-6108' 6110'-6116' 6120'-6132' 6264'-6274'
---	---	---



JOB-SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

MidCont  
Liberal Ks

BILLED ON TICKET NO. 185538

Ballinger

FIELD \_\_\_\_\_ SEC. 9 TWP. 5<sup>S</sup> RING. 32<sup>W</sup> COUNTY RECEIVED [Signature] STATE Ks

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_  
PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		24.0	8 3/4	5RB	1510	
LINER						
TUBING						
OPEN HOLE			12 1/4	GL	1525	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
8 3/4		Hausag
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug	1	Wooden
Head		
Packer	1	Barle Flore
Other		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 2-13	DATE 2-13	DATE 2-13	DATE 2-13
TIME 1230	TIME 1500	TIME 1810	TIME 1930

PERSONNEL AND SERVICE UNIT

NAME	UNIT NO. & TYPE	LOCATION
D. Clark	420041	Liberal Ks
C. Ly	58133 / 75061	"
L. Peterson	4115 / 75237	Horton
D. Coeberg	4037 / 6612	"

MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API  
DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API  
PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN.  
NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN.  
FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.  
GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.  
FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.  
BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.  
BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
OTHER \_\_\_\_\_  
OTHER \_\_\_\_\_

DEPARTMENT: Cement  
DESCRIPTION OF JOB: 8 3/4 SPPICE  
JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
CUSTOMER REPRESENTATIVE: [Signature]  
HALLIBURTON OPERATOR: Dennis Clark  
COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	321	MidCont	P+		3% off 1/2 #/Flocle	3.22	11.1
	150	Perm Pac			2% off	1.32	14.8
	80	MidCont	P+		3% off 1/4 # Flocle	2.09	12.8

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 94.59  
SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 219.34  
HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. 30 BB / TOP OFF  
ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ REMARKS  
AVERAGE RATES IN BPM \_\_\_\_\_  
TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
CEMENT LEFT IN PIPE \_\_\_\_\_  
FEET 40" REASON Stop short

CUSTOMER  
LEASE  
WELL NO.  
JOB TYPE

**JOB LOG** HAL-2013-C

CUSTOMER BREG P. Trip	WELL NO. 1-9	LEASE Ballinger	JOB TYPE 8 1/2" SURFACE	TICKET NO. 185538
--------------------------	-----------------	--------------------	----------------------------	----------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

	1230							Time Collected = 1.59
	1600							Time ready
	1500							Time out/c

	1700							Rig Clocked on Bottom
								Start Pump Casing

	1810							Casing in hole
--	------	--	--	--	--	--	--	----------------

	1810							Hook Up To Circulate Casing
	1818							Circulate Casing w/rag Pump
	1820							Circulate MUD To Ground Level

	1835							Hook Up To Pump Truck
--	------	--	--	--	--	--	--	-----------------------

	1838	6.8				250		Start Mixing Cement
	1853	/	184.08			200		Start Tap Cement
	1903	/	35.26			200		Finish Mixing Cement
	1904	/	219.37					Shut Down

	1906	6				7.5		START Displacement
		3.7	94.57					wash Pipe + Lines

	1930					320		Plug Down
								Shut in head + Main Fetal
								Circulate a Trace of Cement To The Pit

Thanks For Calling  
 Halliburton Energy  
 Development &  
 Crew

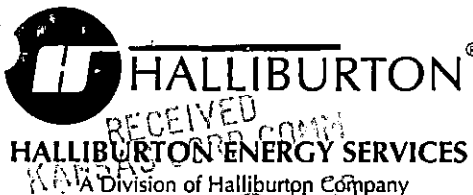
**JOB LOG HAL-2013-C**

 CUSTOMER **BPG PTAO** WELL NO. **1-9** LEASE **Ballinger** JOB TYPE **Top out** TICKET NO. **185538**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2200							Time called To Top out Surface
	2400							Time on loc.
	0155							Hook up Pump Cement Deame Hole from the top.
	0200							Start Mix Cement 12.8 gal
	0213		30 GBL					Finish Mix Cement 80 gal
	0215							Finish up Seller up. 1/2 cement
	0330							Wait on cement to talk back.
	0333							Cement in Seller.
	0345							Finish w job.
								Thanks for calling Halliburton Energy Services
								Dennis Lopez & Crew

ORIGINAL

INVOICE



REMIT TO:  
 P.O. BOX 951046  
 DALLAS, TX 75395-1046  
 Corporate FIN 73-0271280

INVOICE NO.	DATE
185538	02/13/1997

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
BALLINGER 1-9	SEWARD	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL		SHOWN BELOW	02/13/1997		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
041523	MICHAEL SENTO			COMPANY TRUCK	20512

B.R.G. PETROLEUM, INC.  
 7134 SOUTH YALE, SUITE 600  
 TULSA, OK 74136

DIRECT CORRESPONDENCE TO:  
 P O BOX 1598  
 LIBERAL KS 67901  
 Received  
 FEB 24 1997

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
JOB PURPOSE - CEMENT SURFACE CASING					
000-117	MILEAGE CEMENTING ROUND TRIP	20 MI		2.99	59.80
		1 UNT			
000-119	MILEAGE FOR CREW	20 MI		1.60	32.00
		1 UNT			
001-016	CEMENTING CASING	1525 FT		1,360.00	1,360.00
		1 UNT			
050-503	CMTG PLUS LA-11,CP-1,CP-3, TOP	8 5/8 IN		95.00	95.00
		1 EA			
597	BAFFLE PLATE - 8 5/8" ALUM	1 EA		50.00	50.00
825.1269					
001-018	CEMENTING CASING - ADD HRS	3 HR		260.00	780.00
		1 UNT			
504-282	MIDCON-2 PREMIUM PLUS CEMENT	321 SK		17.06	5,476.26
504-050	CEMENT - PREMIUM PLUS	150 SK		14.01	2,101.50
509-406	ANHYDROUS CALCIUM CHLORIDE	12 SK		40.75	489.00
507-210	FLOCELE	161 LB		1.65	265.65
500-207	BULK SERVICE CHARGE	522 CFT		1.35	704.70
500-306	MILEAGE CMTG MAT DEL OR RETURN	931.84 TMI		1.05	978.43
504-282	MIDCON-2 PREMIUM PLUS CEMENT	80 SK		17.06	1,364.80
509-406	ANHYDROUS CALCIUM CHLORIDE	2 SK		40.75	81.50
507-210	FLOCELE	40 LB		1.65	66.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	225.6 TMI		1.05	236.88
500-225	CEMENTING MATERIALS RETURNED	120 SK		3.412	409.44
500-207	BULK SERVICE CHARGE	329 CFT		1.35	444.15
500-306	MILEAGE CMTG MAT DEL OR RETURN	590.06 TMI		1.05	619.56

INVOICE SUBTOTAL

15,614.67

DISCOUNT-(BID)  
 INVOICE BID AMOUNT

6,089.67-  
 9,525.00

*bid 2078*  
*+ top off*

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

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

ORIGINAL

INVOICE



HALLIBURTON ENERGY SERVICES  
A Division of Halliburton Company

REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046  
Corporate FIN 73-0271280

INVOICE NO.	DATE
185538	02/13/1997

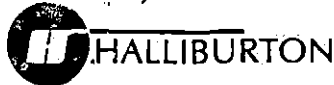
WELL/LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
BALLINGER 1-9	SEWARD	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL		SHOWN BELOW	02/13/1997
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
041523	MICHAEL SENTO		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	20512

B.R.G. PETROLEUM, INC.  
7134 SOUTH YALE, SUITE 600  
TULSA, OK 74136

DIRECT CORRESPONDENCE TO:  
P O BOX 1598  
LIBERAL KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	*-KANSAS STATE SALES TAX				387.78
	*-LIBERAL CITY SALES TAX				79.16
	*-SEWARD COUNTY SALES TAX				118.71
<b>INVOICE TOTAL - PLEASE PAY THIS AMOUNT</b>					<b>\$10,110.65</b>

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

MidContinent  
Liberal

BILLED ON TICKET NO. 185421

Ballinger

## WELL DATA

FIELD \_\_\_\_\_ SEC 9 TWP 5S RANG B24 COUNTY Seward STATE Ks

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			<u>4.5</u>	<u>10.5</u>	<u>KB+</u>	<u>6600</u>	
LINER							
TUBING							
OPEN HOLE							SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

## JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2-23-97</u>	DATE <u>2-23-97</u>	DATE <u>2-24-97</u>	DATE <u>2-24-97</u>
TIME <u>2000</u>	TIME <u>2100</u>	TIME <u>0237</u>	TIME <u>0540</u>

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R Crist</u>	<u>420075</u>	
<u>D 7653</u>		
<u>J Nicholas</u>	<u>75496</u>	
<u>G 2078</u>	<u>52947</u>	
<u>D Walkingstick</u>	<u>3698</u>	
<u>46822</u>		

## TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
TYPE AND SIZE <u>4 1/2</u>		
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG	<u>1</u>	
HEAD		
PACKER		
OTHER		

## MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

FRIC RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT 5001

DESCRIPTION OF JOB 035

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG. ANN.

CUSTOMER REPRESENTATIVE X Mad No

HALLIBURTON OPERATOR Ron Crist COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>250</u>	<u>50/50 62 H</u>		<u>B</u>	<u>29% Gel 18% Salt</u>	<u>1.38</u>	<u>14.4</u>

## PRESSURES IN PSI

## SUMMARY

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL.-GAL. 500 TYPE MF 2

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 105.3

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 61.4 BB

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ REMARKS

AVERAGE RATES IN BPM \_\_\_\_\_ Circulated Throughout Job

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET \_\_\_\_\_ REASON \_\_\_\_\_

CUSTOMER Ballinger LEASE Ballinger WELL NO. 1-7 JOB TYPE 035 DATE 2-24-97



CUSTOMER **BHG** WELL NO. **1-9** LEASE **Bullinger** JOB TYPE **035** TICKET NO. **185421**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2000							RECEIVED Called out Deliver circulate Iron
	2110							1998 On location unloading CS9
	2133							Run 2100' CS9 wait on 2nd Truck (Fill Pipe)
	2225							2nd Truck unload Pipe
	0237							CS9 Ran 6625 <u>Used</u> 4 1/2 10.5.
	0255							circulate To Pit Thin mud
	0447							Hook to cmt
	0450	3	10					0-150 Start Mud flush
	0454							150-200 mud flush pumped Start chi
	0505	6.3	61.4					⊖ cmt Pumped Shut Down wash pump & lines
	0511							0-530 Start Displacement 2% KCl
	0527	6	95					530-700 Slow Rate
	0532	2	10					700-1200 Bump Plug Float Leaked
	0537							0-1200 Pressure up ⊖ Released Back Knocked Loose Float Appeared To Hold
<p>Thank you For calling Halliburton Energy Serv &amp; Crist &amp; Crew</p>								

ORIGINAL



REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046  
Corporate FIN 73-0271280

INVOICE

HALLIBURTON ENERGY SERVICES

A Division of Halliburton Company

INVOICE NO.	DATE
185421	02/23/1997

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
BALLINGER 1-9	SEWARD <sup>1998 MAR 20</sup>	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	VAL ENERGY	SHOWN BELOW	02/23/1997
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER PO. NUMBER
041523	MARTY CORNELIUS		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	20939

DIRECT CORRESPONDENCE TO:

B.R.G. PETROLEUM, INC.  
7134 SOUTH YALE, SUITE 600  
TULSA, OK 74136

P O BOX 1598  
LIBERAL KS 67901  
405-562-3131

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
JOB PURPOSE - CEMENT PRODUCTION CASING					
000-117	MILEAGE CEMENTING ROUND TRIP	20 MI		2.99	59.80
		1 UNT			
000-119	MILEAGE FOR CREW	20 MI		1.60	32.00
		1 UNT			
001-016	CEMENTING CASING	6625 FT		2,240.00	2,240.00
		1 UNT			
018-315	MUD FLUSH	500 GAL		.65	325.00
-018-303	CLAYFIX II, PER GAL	9 GAL		28.00	252.00
504-131	CEMENT - 50/50 POZMIX PREMIUM	250 SK		9.25	2,312.50
509-968	SALT	2410 LB		.15	361.50
500-207	BULK SERVICE CHARGE	285 CFT		1.35	384.75
500-306	MILEAGE CMTG MAT DEL OR RETURN	476.60 TMI		1.05	500.43
030-016	CEMENTING PLUG 5W ALUM TOP	4 1/2 IN		45.00	45.00
		1 EA			
JOB PURPOSE SUBTOTAL					6,512.98
INVOICE SUBTOTAL					6,512.98
DISCOUNT-(BID)					2,344.66-
INVOICE BID AMOUNT					4,168.32
*-KANSAS STATE SALES TAX					101.69
*-LIBERAL CITY SALES TAX					20.75
*-SEWARD COUNTY SALES TAX					31.12
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$4,321.88

BRG Received  
MAR 06 1997

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

CORRECTED INVOICE  
\* CORR-NO 142514  
PAGE: 1

# BRG

**BRG Petroleum, Inc.**  
7134 S. Yale, Suite 600  
Tulsa, Oklahoma 74136  
(918) 496-2626

RECEIVED  
KANSAS CORP COMM  
1997 OCT 30 A 12:19

October 28, 1997

State Corporation Commission of Kansas  
Oil & Gas Conservation Division  
130 S. Market, Room 2078  
Wichita, Kansas 67202

RE: Ballinger #1-9  
Section 9-35N-R35W  
Seward County, KS

Ladies and Gentlemen:

Enclosed please find the ACO-1 form, completion report and set of logs for the above referenced well which is the first Kansas well BRG Petroleum, Inc. has drilled.

We apologize for the lateness of this report, but the well has been shut in for over six months waiting for a pipeline connection. Once the well has been connected, we will file the Form G-2.

The pit has been covered as of 9/17/97. Is there any form we need to file regarding this?

If there is any further information you require, please do not hesitate to let me know.

Sincerely,



Susan L. Ashbridge  
Production Analyst

enclosures

c: Marty Cornelius