

ORIGINAL

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

API NO. 15- 175-21, 192-06-00

Operator: License # 5011

Name: Viking Resources, Inc.

Address 105 S. Broadway

Suite 1040

City/State/Zip Wichita, KS 67202

Purchaser: \_\_\_\_\_

Operator Contact Person: James B. Devlin

Phone ( 316 ) 262-2502

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: Robert Patton/Mike Dixon

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SIOW  Temp. Abd.

Gas  ENHR  SIGW

Dry  Other (Core, WSW, Expl., Cathodic, etc)

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

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

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

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

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PBSD

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

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

11-25-91 12-8-91 \_\_\_\_\_  
Spud Date Date Reached TD Completion Date

County Seward

NW - SW - \_\_\_\_\_ Sec. 1 Twp. 33 Rge. 34 E  
XW

~~2210~~ 1980 Feet from SW (circle one) Line of Section

4950 4620 Feet from EW (circle one) Line of Section  
*De by Phone*

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

Lease Name Black Well # 1

Field Name Wildcat

Producing Formation \_\_\_\_\_

Elevation: Ground 2840' KB 2851'

Total Depth 6383' PBSD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 1706 @ 1716 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 API 0K-0  
(Data must be collected from the Reserve Pit)

Chloride content 1008 ppm Fluid volume \_\_\_\_\_ 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 [Dorby 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 James B. Devlin

Title President Date 1-7-92

Subscribed and sworn to before me this 7 day of January, 1992.

Notary Public Wanda M. Younger

Date Commission Expires 7-8-95

WANDA M. YOUNGER  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 7-8-95

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
**RECEIVED**  
STATE CORPORATION COMMISSION  
DISTRIBUTION  
 KCC  SWD/Rep  NGPA  
JAN 8 1992 Plug  Other  
1-08-92  
CONSERVATION DIVISION  
WICHITA, KANSAS  
Form ACO-1 (7-91)

Operator Name Viking Resources, Inc. Lease Name Black Well # 1  
 Sec. 1 Twp. 33s Rge. 34  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  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 Heebner 4148 (-1297)  
 Lansing 4298 (-1447)  
 Morrow Shale 5506 (-2655)  
 Chester 5796 (-2945)  
 Total Depth 6383 (-3532)

List All E.Logs Run:  
 DIL CNL-FDC  
 Micro

**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		1716	Poz 65-35	600 sks	2% cc, 6% gel 1/4# floreal
					Class C	150 sks	2% cc 1/4# floreal

**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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

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 \_\_\_\_\_

# ORIGINAL

## DRILLERS LOG

VIKING RESOURCES, INC.  
BLACK #1  
SECTION 1-T33S-R34W  
SEWARD COUNTY, KANSAS

COMMENCED: 11-25-91  
COMPLETED: 12-08-91

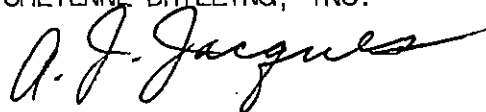
SURFACE CASING: 1706' OF 8 5/8"  
CMTD W/600 SX 65/35 POZ, 6% GEL,  
2% C.C., 1/4#/SX FLO-CELE, TAILED  
IN W/150 SX "C", 1/4#/SX FLO-CELE

FORMATION	DEPTH
SURFACE HOLE	0-1717
STONE CORRAL & HUTCHISON	1717-2100
ANHYDRITE & DOLOMITE	2100-2575
SHALE	2575-2895
COUNCIL GROVE & HUGOTON	2895-3095
LIME & SHALE	3095-3470
DOLOMITE	3470-3750
SHALE & LIME	3750-3914
LIME & SHALE	3914-4095
HEEBNER	4095-4280
SHALE & LIME	4280-4446
LIME & SHALE	4446-4597
SHALE & LIME	4597-4613
LIME & SHALE	4613-5055
SHALE & LIME	5055-5195
LIME & SHALE	5195-5315
MORROW & ATOKA	5315-5440
MORROW	5440-5610
LIME & SHALE	5610-5760
MORROW & CHESTER	5760-5935
CHESTER	5935-6070
LIME & SHALE	6070-6175
ST. LOUIS	6175-6300
SHALE & LIME	6300-6383

RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

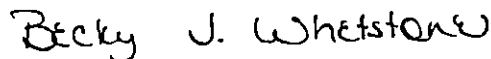
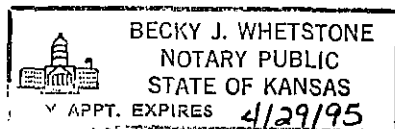
CHEYENNE DRILLING, INC.



A. J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 12TH DAY OF DECEMBER, 1991.



BECKY J. WHETSTONE, NOTARY PUBLIC

RECEIVED  
STATE CORPORATION COMMISSION

JAN 08 1992

CONSERVATION DIVISION  
WICHITA, KANSAS

ORIGINAL



ORIGINAL

REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

91150  
2019

INVOICE NO.	DATE
186890	12/08/1991

WELL/LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
BLACK 1	SEWARD	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	CHEYENNE DRILLING	PLUG TO ABANDON	12/08/1991
ACCT NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
926529	THOMAS A. DAVIS		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	27273

VIKING RESOURCES  
105 SOUTH BROADWAY  
SUITE 1040  
WICHITA, KS 67202-4224

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE REF NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	16	MI	2.60	41.60
		1	UNT		
009-019	PLUGGING BK SPOT CEMENT OR MUD	3206	FT	1,160.00	1,160.00
		1	UNT		
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 5/8	IN	90.00	90.00
		1	EA.		
504-043	PREMIUM CEMENT	129	SK	6.85	883.65
506-105	POZMIX A	86	SK	4.32	371.52
506-121	HALLIBURTON-GEL 2%	4	SK	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	8	SK	14.75	118.00
500-207	BULK SERVICE CHARGE	231	CFT	1.15	265.65
500-306	MILEAGE CMTG MAT DEL OR RETURN	264.587	TMI	.80	211.67
INVOICE SUBTOTAL					3,142.09
DISCOUNT-(BID)					628.41-
INVOICE BID AMOUNT					2,513.68
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$2,513.68

*pd ck # 14012  
12-31-91*

RECEIVED  
STATE CORPORATION COMMISSION  
JAN 18 1992  
CONSERVATION DIVISION  
WICHITA, KANSAS

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND REASONABLE ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

ORIGINAL

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME <i>1# Block</i>		COUNTY <i>Seward</i>	STATE <i>Ks</i>	CITY / OFFSHORE LOCATION	DATE <i>12-8-91</i>
CHARGE TO <i>Viking Resources</i>		OWNER <i>Viking Resource</i>	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR <i>Chevonne Debra</i>	LOCATION <i>1 Lincok Ks</i>		CODE <i>25540</i>
CITY, STATE, ZIP		SHIPPED VIA <i>Houco</i>	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		LOCATION <i>2 Huse Jena Ks</i>
WELL TYPE		WELL CATEGORY	WELL PERMIT NO.	DELIVERED TO <i>Loc.</i>	ORDER NO.
TYPE AND PURPOSE OF JOB <i>115 RTA</i>		<i>B- 968764</i>		REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state whose services are performed or equipment or materials are furnished.

There are no warranties, express or implied, of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. HALLIBURTON'S LIABILITY FOR ANY DAMAGE TO PERSONS OR PROPERTY SHALL BE LIMITED TO THE EXTENT OF THE CONTRACT PRICE. HALLIBURTON SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL DAMAGES. HALLIBURTON SHALL NOT BE LIABLE FOR ANY LOSS OF PROFITS OR BUSINESS INTERRUPTIONS. HALLIBURTON SHALL NOT BE LIABLE FOR ANY SPECIAL DAMAGES. HALLIBURTON SHALL NOT BE LIABLE FOR ANY PUNITIVE DAMAGES. HALLIBURTON SHALL NOT BE LIABLE FOR ANY ATTORNEY FEES OR COSTS. HALLIBURTON SHALL NOT BE LIABLE FOR ANY OTHER DAMAGES. HALLIBURTON SHALL NOT BE LIABLE FOR ANY OTHER DAMAGES.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
000-117		1		MILEAGE	16	miles			2.60	41.60	
009-019		1		Pumps charge	3206	FT				1160.00	21.61
030-503		1		Top wooden Plug	1	Each			8.90	90.00	21.61

RECEIVED  
STATE CORPORATION COMMISSION  
DEC 8 1992  
CONSERVATION DIVISION  
WICHITA, KANSAS

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B- 968764** 1850 49

WAS JOB SATISFACTORILY COMPLETED? \_\_\_\_\_  
 WAS OPERATION OF EQUIPMENT SATISFACTORY? \_\_\_\_\_  
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY? \_\_\_\_\_  
 x *Thomas A. Davis*  
 CUSTOMER OR HIS AGENT (PLEASE PRINT)  
 x *Thomas A. Davis*  
 CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

*Dennis Lopez*  
 HALLIBURTON OPERATOR

HALLIBURTON APPROVAL \_\_\_\_\_

*Hy 20%*

SUB TOTAL **3142 09**  
 APPLICABLE TAXES WILL BE ADDED ON INVOICE.

**BULK MATERIALS DELIVERY**

**AND  
 TICKET CONTINUATION**

**ORIGINAL**

FOR INVOICE AND  
 TICKET NO.

186890

DATE 12-8-91	CUSTOMER ORDER NO.	WELL NO. AND FARM Black #1	COUNTY Seward	STATE Kansas
CHARGE TO Viking Resources		OWNER Same	CONTRACTOR No. <b>B 968764</b>	
MAILING ADDRESS		DELIVERED FROM Hugoton, Kansas	LOCATION CODE 25535	PREPARED BY Don Phillips
CITY & STATE		DELIVERED TO N/ Liberal, Kansas	TRUCK NO.	RECEIVED BY <i>Loek</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
		L	D		QTY.	MEAS.	QTY.	MEAS.				
				215 Cu. Ft. 60/40 Pozmix Cement								
504-043	516.00272	2	B	Premium Cement	129	sk			6.85	883	65	
506-105	516.00286	2	B	Pozmix "A"	86	sk			4.82	371	52	
506-121	516.00259	2	B	Halliburton Gel 2%	4	sk					NC	
507-277	516.00259	2	B	Halliburton Gel added 4%	8	sk			14.75	118	00	
<p><b>RECEIVED</b>            STATE CORPORATION COMMISSION            JAN 0 8 1992            CONSERVATION DIVISION            WICHITA, KANSAS</p>												
				Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES					
				SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET					
500-207		2	B	SERVICE CHARGE			CU. FEET 231	1.15		265	65	
500-306		2	B	Mileage Charge	19,599#	27	264.587	.80		211	67	
No. <b>B 968764</b>							CARRY FORWARD TO INVOICE	SUB-TOTAL			1850	49

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ORIGINAL

ATTACH TO INVOICE & TICKET NO.

186890

DISTRICT Liberal, Ks

DATE 12-8-91

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Viking Resources (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1# LEASE BLACK SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RANGE \_\_\_\_\_

FIELD \_\_\_\_\_ COUNTY Seward STATE Ks OWNED BY Viking Resources

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
PACKER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
TOTAL DEPTH \_\_\_\_\_ MUD WEIGHT \_\_\_\_\_  
BORE HOLE \_\_\_\_\_  
INITIAL PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF  
PRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING			8 5/8	16L	1713	
LINER						
TUBING						
OPEN HOLE			7 7/8	1713		SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

TREATMENT INSTRUCTIONS: TREAT THROUGH  CASING  ANNULUS  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED

Plug To Annulus w/ 2.15 SK 60/40 Br. 6% Gel Plug AT 3206 FT /w 100 SK 15 SK PATILL  
1692 FT/w 50 SK 10 SK Marse  
829 FT/w 30 SK  
410 FT/w 10 SK

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

RECEIVED  
STATE CORPORATION COMMISSION  
JAN 08 1992  
CONSERVATION DIVISION  
WICHITA, KANSAS

SIGNED Thomas A. Davis CUSTOMER

DATE \_\_\_\_\_

TIME \_\_\_\_\_ A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

WELL DATA

FIELD, SEC, TWP, RNG, COUNTY, STATE, FORMATION NAME, TYPE, THICKNESS, 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

Table with 4 columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Includes dates and times for 12-8.

PERSONNEL AND SERVICE UNITS

Table with 3 columns: NAME, UNIT NO. & TYPE, LOCATION. Lists personnel like D Lopez, T Branch, D McJury.

DEPARTMENT: Cement, DESCRIPTION OF JOB: PTA, JOB DONE THRU: DP, CUSTOMER REPRESENTATIVE: X Thomas A. Davis

CEMENT DATA

Table with 8 columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK BAGGED, ADDITIVES, YIELD CU.FT/SK., MIXED LBS/GAL.

PRESSURES IN PSI

SUMMARY

VOLUMES

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

RECEIVED REMARKS STATE CORPORATION COMMISSION

1 JAN 08 1992

CONSERVATION DIVISION WICHITA, KANSAS

FEET: 329 REASON: IN SURFACE CASING

CUSTOMER: L. H. Reservoirs, LEASE: Black, WELL NO.: #, JOB TYPE: PTA, DATE: 12-8-91



# JOB LOG

WELL NO: 1 LEASE BLAKE TICKET NO. 186890  
 CUSTOMER Viking PAGE NO. 1  
 JOB TYPE PTA DATE ORIGINAL 12-8-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1100							Time Collect
	1200							Time Ready
	1300							Time on loc. Run DP in Hole Four Plug's
<del>1700</del>								1 Plug AT 3206 FT w 100 <sup>SK</sup>
1700								Hook up to Drill Pipe
1703								Start Water Ahead
1705	5		10					Start Mixing Cement
1710			25.4					Start wash Tub & Lines
1711			3.5					Start Displacement w/ mud
1718			35.4					Shut Down & Break lose
								2 Plug AT 1692 FT w 50 <sup>SK</sup>
1745								Hook up to Drill Pipe
1750	5							Start Water Ahead
1752			10					Start Mixing Cement
1755			12.73					Start wash Tub & Lines
1756			3					Start Displacement w/ mud
1800			17.42					Shut Down & Break lose
								3 Plug AT 829 FT w 30 <sup>SK</sup>
1815								Hook up to Drill Pipe
1818								Start Water Ahead
1820			10					Start Mixing Cement
1822			7.6					Start wash up Tub & Lines
1823			3					Start Displacement w/ mud
1825			6.4					Shut Down & Break lose
								4 Plug AT 0-40 FT w 10 <sup>SK</sup>
1840								Push Top wooden Plug Down to 40 <sup>FE</sup>
1845			2.5					Start Mixing Cement
1848								Shut Down Circulate Cement
<del>1850</del>			2.5					5/6 SET 10 <sup>SK</sup> Mouse Hole 15 <sup>SK</sup> Bot Hole
<del>1851</del>			3.5					Circ Cement on Both Plug's
1900								Finish Setting Plug's

RECEIVED  
 STATE CORPORATION COMMISSION  
 1402 1992  
 CONSERVATION DIVISION  
 WICHITA, KANSAS

THOMAS PAUL COLLIER  
 Halliburton  
 Services  
 Oper &  
 Crew

ORIGINAL



REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046

HALLIBURTON SERVICES ORIGINAL

INVOICE

A Halliburton Company

INVOICE NO.	DATE
187130	11/26/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
BLACK 1		SEWARD		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		CHEYENNE #4		CEMENT SURFACE CASING		11/26/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
926529	TERRY RICHARDSON			COMPANY TRUCK	26410	

VIKING RESOURCES  
105 SOUTH BROADWAY  
SUITE 1040  
WICHITA, KS 67202-4224

*2006  
9/16/08  
DD # 13961  
CK # 13961  
12-17-91*

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
<b>PRICING AREA - MID CONTINENT</b>					
000-117	MILEAGE	18	MI	2.60	46.80
		1	UNT		
001-016	CEMENTING CASING	1706	FT	1,020.00	1,020.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	8 5/8	IN	130.00	130.00
		1	EA		
16A	CASING SHOE - 8 5/8" 8RD THD.	1	EA	161.00	161.00
830.2171					
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA	171.00	171.00
815.19502					
27	FILL-UP UNIT 7" - 8 5/8"	1	EA	30.00	30.00
815.19415					
40	CENTRALIZER 8-5/8" X 12.25"	3	EA	62.00	186.00
807.93059					
350	HALLIBURTON WELD-A	1	LB	11.50	11.50
890.10802					
504-050	PREMIUM PLUS CEMENT	150	SK	7.08	1,062.00
504-120	HALL. LIGHT - PREMIUM PLUS	600	SK	6.63	3,978.00
507-210	FLOCELE	188	LB	1.30	244.40
509-406	ANHYDROUS CALCIUM CHLORIDE	13	SK	26.25	341.25
500-207	BULK SERVICE CHARGE	789	CFT	1.15	907.35
500-306	MILEAGE CMTG MAT DEL OR RETURN	953.910	TMI	.80	763.13
INVOICE SUBTOTAL					9,052.43
DISCOUNT - (BID)					2,263.09-
INVOICE BID AMOUNT					6,789.34
*- KANSAS STATE SALES TAX					254.54
*- SEWARD COUNTY SALES TAX					59.92
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$7,103.80

RECEIVED  
STATE CORPORATION COMMISSION  
JAN 08 1992  
CONSERVATION DIVISION  
WICHITA, KANSAS

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.