

RELEASED

STATE CORPORATION COMMISSION OF KANSAS

OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

ACQ-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

FROM CONFIDENTIAL

Operator: License # 5225

Name: Quinque Operating Company

Address P O Box 2738

City/State/Zip Liberal, KS 67905-2738

Purchaser: Twister

Operator Contact Person: Michael Moore

Phone (316) 624-2578

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Gary Wilkins

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S10W Temp. Abd
 Gas ENHR S16W
 Dry Other (Core, WSW, Expl, Cased, 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 PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

11-12-99 11-22-99 12-9-99

Spud Date Date Reached TD Completion Date

API NO. 15- 119210100000

County Meade

S/2. NW/4. 20 Twp. 32 Rge. 28 E W

1980 Feet from S (circle one) Line of Section

1320 Feet from E (circle one) Line of Section

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

Lease Name Clawson Well # 1-20

Field Name Angell (Chester)

Producing Formation Morrow

Elevation: Ground 2486 KB 2492

Total Depth 5620' PBD 5558'

Amount of Surface Pipe Set and Cemented at 1589' 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 3/27/01 AB
(Data must be collected from the Reserve Pit)

Chloride content 21,000 ppm Fluid volume 1,800 bbls

Dewatering method used Dry by Evaporation

Location of fluid disposal if hauled offsite: KCC

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
RECEIVED
MAR 7 - 2000

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 [Signature]

Title President Date 3/6/00

Subscribed and sworn to before me this 6 day of March, 2000

Notary Public Beverly A. Stahle

Date Commission Expires 11-27-2003

NOTARY PUBLIC - State of Kansas
BEVERLY A. STAHLE
My Appt. Expires 11-27-2003

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)

ORIGINAL

SIDE TWO

Operator Name Quinque Operating Company Lease Name Clawson Well # 1-20

Sec. 20 Twp. 32S Rge. 28 East West County Meade

CONFIDENTIAL

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.)

Name	Top	Datum
Heebner	4297'	4302'
Lansing	4443'	4456'
Swope Porosity	4880'	4884'
Marmaton	5058'	5054'
Cherokee	5206'	5210'
Morrow Shale	5420'	5424'
Chester	5495'	5501'

List All E. Logs Run:
G. K. & Caliper Microlog/
Dual Induction/
Self Potential - Gamma Ray/
Compensated Neutron/
Compensated Density/

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"	25#	1589'	65/35 Pos Class C	160	6% gel, 3% cc,
Production	7-7/8"	4-1/2"	10.5#	5601.7'	50/50 Pos	250	1/4 Floseal 3% cc, 5% Calseal, 10% Gilsonite, 10% 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
4	5485-5489'	300 gals. 7-1/2" FE HCL w/110 gals methanol, 1 gal AS-1, 1 gal inhib & iron displaced 22 bbls 2% KCL w 2 gals foamer Frac - 27000# 20/40 sand using 9000 gals 70 quality CO2 foam

TUBING RECORD Size 2-3/8" Set At 5622' Packer At 5385' Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 1-1-2000 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	-0-	300			.7

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 5485-5489

ALLIED CEMENTING CO., INC.
 P.O. BOX 91
 RUSSELL, KS 67668
 PH (785) 483-3887
 FAX (785) 463-5588

CONFIDENTIAL

ORIGINAL

INVOICE

RELEASED

MAR 28 2001

Invoice Number: 080089

Invoice Date: 11/13/99

FROM CONFIDENTIAL

Sold Quinque Operating Co.
 To: P. O. Box 2738
 Liberal, KS
 67905-2738

KCC

MAR 06 2000

CONFIDENTIAL

APR 15 119-21010-00-00

Cust I.D.: Quin
 P.O. Number...: Clawson 1-20
 P.O. Date....: 11/13/99

Due Date.: 12/13/99
 Terms....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common "C"	449.00	SKS	9.3500	4198.15	E
Pozmix	161.00	SKS	3.2500	523.25	E
Gel	24.00	SKS	9.5000	228.00	E
Chloride	20.00	SKS	28.0000	560.00	E
FloSeal	115.00	LBS	1.1500	132.25	E
Handling	610.00	SKS	1.0500	640.50	E
Mileage (40) 610 sks @ \$.04 per sk per mi	40.00	MILE	24.4000	976.00	E
Surface	1.00	JOB	1080.0000	1080.00	E
Mileage pmp trk	40.00	MILE	2.8500	114.00	E
Rubber plug	1.00	EACH	90.0000	90.00	E
AFU Insert	1.00	EACH	247.0000	247.00	E
Basket	1.00	EACH	150.0000	150.00	E
Centralizers	3.00	EACH	30.0000	90.00	E

All Prices Are Net, Payable 30 Days Following Subtotal: 9029.15
 Date of Invoice. 1 1/2% Charged Thereafter. Tax.....: 0.00
 If Account CURRENT take Discount of \$ 1205.23 Payments: 0.00
 ONLY if paid within 30 days from Invoice Date Total...: 9029.15

RECEIVED
 STATE CORPORATION COMMISSION

MAR 7 - 2000

CONSERVATION DIVISION
 Wichita, Kansas

CONFIDENTIAL

RELEASED

ORIGINAL

ALLIED CEMENTING CO., INC.

2183

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

FROM CONFIDENTIAL

SERVICE POINT:

Medicine Lodge

APR 15 119 21010 00 00

DATE 1-13-99	SEC. 20	TWP. 32s	RANGE 28w	CALLED OUT 10:00 Am	ON LOCATION 11:15 pm	JOB START 5:45 pm	JOB FINISH 6:55 pm
LEASE <u>Clawson</u>	WELL # 1-20	LOCATION <u>Meade KS. 23, 2w, 1s,</u>			COUNTY <u>Meade</u>	STATE <u>KS.</u>	
OLD OR NEW (Circle one)		<u>1w, 2/5</u>					

CONTRACTOR Abercrombie #4
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 1593
 CASING SIZE 8 7/8 x 25 # DEPTH 1589
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 875 MINIMUM 250
 MEAS. LINE SHOE JOINT 43.34
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 98 3/4 Bbls Displacement
 EQUIPMENT

OWNER QUINQUE OPER. Co.
 CEMENT
 AMOUNT ORDERED
460 sx CLASS C 65:35:6+3 1/2 cc + 1/4 # Flo-seal
150 sx CLASS C + 3 1/2 cc
 COMMON "C" 449 @ 9.35 4198.15
 POZMIX 161 @ 3.25 523.25
 GEL 24 @ 9.50 228.00
 CHLORIDE 20 @ 28.00 560.00
 FLO SEAL 115 # @ 1.15 132.25
 @
 @
 @
 @
 HANDLING 610 @ 1.05 640.50
 MILEAGE 610 x 40 .04 976.00
 KCC
 MAR 06 2000
 TOTAL \$7258.15

PUMP TRUCK CEMENTER Carl Bolding
 #352 HELPER Steve Winsor
 BULK TRUCK
 #258-251 DRIVER David west
 BULK TRUCK
 #214-314 DRIVER Mark Brungard +

REMARKS:

Run 1589' 8 7/8 casing
Pump 5 Bbls Freshwater
460 sx CLASS C 65:35:6+3 1/2 cc + 1/4 Flo-seal
150 sx CLASS C + 3 1/2 cc
Cement switch valves + Release plug.
Displace with 98 3/4 bbls Freshwater
Bump plug + float held
Circulate 175 sx

CONFIDENTIAL

SERVICE

DEPTH OF JOB <u>1589'</u>		
PUMP TRUCK CHARGE		<u>1080.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>40</u>	@ <u>2.85</u>	<u>114.00</u>
PLUG <u>Rubber 8 7/8"</u>	@ <u>90.00</u>	<u>90.00</u>
	@	
	@	

TOTAL \$1234.00

CHARGE TO: Quinque Operating Co.
 STREET P.O. Box 2738
 CITY LIBERAL STATE KANSAS ZIP 67905

FLOAT EQUIPMENT

	@	
<u>1- AFV Insert</u>	@ <u>247.00</u>	<u>247.00</u>
<u>1- Basket</u>	@ <u>150.00</u>	<u>150.00</u>
<u>3- Centralizers</u>	@ <u>30.00</u>	<u>90.00</u>
	@	

TOTAL \$487.00

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE 9029.15
 DISCOUNT 1805.83 IF PAID IN 30 DAYS
NET \$ 7223.32
Roger Pearson
 PRINTED NAME

SIGNATURE Roger Pearson

Date 11-12-99 District Wichita Lodge Ticket No. 2185
 Company Shirley Rig Shirley
 Lease Wichita Well No. 1-20
 County Wichita State Kc.
 Location Wichita Field 20-32-28

CEMENT DATA:

Spacer Type: 3 bbls fresh
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight 24 Collar _____

LEAD: Pump Time _____ hrs. Type Class C
1 1/2 Ph. sec Excess _____
 Amt. 460 Skys Yield 220 ft³/sk Density 12 PPG _____

TAIL: Pump Time _____ hrs. Type Class C
 Excess _____
 Amt. 150 Skys Yield 150 ft³/sk Density 14.8 PPG _____

WATER: Lead 12.6 gals/sk Tail 6.31 gals/sk Total _____ Bbls. _____

Casing Depths: Top 1589 Bottom 1589

Pump Trucks Used 357 Effort 1 liner
 Bulk Equip. 259-751 Mark Linwood
214-314 David West

Drill Pipe: Size 4 1/2 Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. 1589 ft. P.B. to _____ ft.

Float Equip: Manufacturer Grinnell

Shoe: Type Regular Guide shoe Depth 1589

Float: Type API 7.5 insert Depth 154

Centralizers: Quantity 3 Plugs Top Rubber Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type freshwater Amt. 1.4 Bbls. Weight 8.34 PPG _____

Mud Type _____ Weight _____ PPG _____

CAPACITY FACTORS:

Casing:	Bbls/Lin. ft.	<u>0.677</u>	Lin. ft./Bbl.	<u>15.20</u>
Open Holes:	Bbls/Lin. ft.	<u>0.11</u>	Lin. ft./Bbl.	<u>16.57</u>
Drill Pipe:	Bbls/Lin. ft.		Lin. ft./Bbl.	
Annulus:	Bbls/Lin. ft.	<u>0.270</u>	Lin. ft./Bbl.	<u>12.60</u>
	Bbls/Lin. ft.	<u>0.173</u>	Lin. ft./Bbl.	

Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE Wichita Lodge

CEMENTER David West

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
12:15						on loc. - Rig up.
3:00						type on bottom + breaks circulation
3:45			5	5	5	start freshwater
4:00			185	180	6	Mix + dump 460 - v lead cement
4:15			200	35	6	150 ex tail cement
						Cement in stop pumps
						switch valves + Release plug
			150	10	3	start Displacement
			75	85	6	stead Rate
					3	stead Rate
1:55			218.75	2.75		Displacement in
						Subm plug
						float held.
						Centralizer + Release plug

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 STATE CORPORATION COMMISSION
 MAR 7 - 2000
 CONSERVATION DIVISION
 Wichita, Kansas

API 15-119-21610-00-00

CONFIDENTIAL



HALLIBURTON

RELEASED

ORIGINAL

Halliburton Energy Services, Inc.

APR 8 2001
FROM CONFIDENTIAL

Remit to: P.O. Box 951046
Dallas, TX 75395-1046

INVOICE

APR 15 1999 21010.00.00

Site/Well Address: QUINQUE CLAWSON TRUST #1-20, CLAWSON TRUST MEADE KS 67864	DIRECT CORRESPONDENCE TO: P.O. Box 1598 Liberal, KS 67905-1598 (316) 624-3879	Invoice No.	Date
		90209925	11/25/1999
		Customer PO No.	Date
		N/A	
		Delivery No.	Date
		80367518	11/25/1999
		Order/Ticket No.	Date
		Land	302753 11/22/1999
		Shipping Point	Manual Ticket No.
		LIBERAL Shipping Poi	
		Service Location	Customer No.
		Liberal, KS, USA	304810
		Payment Terms	Payment Due Date
		Net due in 20 days	12/15/1999

TO:
QUINQUE OPERATING COMPANY
PO BOX 2738
LIBERAL KS 67905-2738
USA

KCC
MAR 06 2000
CONFIDENTIAL

Reference Number	Description	QTY	U/M	Unit Price	Amount
7523	PSL-CMT CEMENT PRODUCTION CASING-BOM JP035	1	JOB		
1	MILEAGE FROM NEAREST HES BASE,/UNIT,ZI Discount : \$120.09- With the following configuration: Number of Units 000-117	94	MI	3.65	343.10
2	MILEAGE FOR CEMENTING CREW,ZI Discount : \$70.74- With the following configuration: Number of Units 000-119	94	MI	2.15	202.10
11	CEMENT CASING DEPTH CHARGE Discount : \$847.70- With the following configuration: CHARGE BY FT OR RANGE OF FEET 001-016	1 5,625	UN ft	2,422.00	2,422.00

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STATE CORPORATION COMMISSION

MAR 7 - 2000

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HALLIBURTON

Halliburton Energy Services, Inc.

RELEASED

MAR 8 2001

Continuation

Invoice No.	Date
90209925	11/25/1999

INVOICE

ORIGINAL

APR 15 119 21010 00 00

Reference Number	Description	QTY	U/M	Unit Price	Amount
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI Discount : \$19.25- 000-150	1	JOB	55.00	55.00
132	PORTABLE DAS,/DAY/JOB,ZI Discount : \$266.00- With the following configuration: NUMBER OF DAYS 045-050	1	JOB	760.00	760.00
13383	SBM MUD FLUSH,ZI Discount : \$140.00- 018-315	500	GAL	0.80	400.00
100003729	CHEM,CLAYFIX II,IN HAL TK BULK Discount : \$95.06- 314-163 516.00472 CHEMICAL - CLAYFIX II - IN HAL TANK BULK SHIPMENTS - FRESNO, TX. - 8.4545 LBS. PER GAL.	8	GAL	33.95	271.60
100013745	PLUG ASSY - 3W LATCHDOWN - 4-1/2 IN Discount : \$64.40- 593801.0373 PLUG ASSY - 3 WIPER LATCH-DOWN - 4-1/2 CSG	1	EA	184.00	184.00
100004364	BAFFLE ASSY - 4-1/2 8RD LATCHDOWN PLUG Discount : \$40.60- 594801.03734 BAFFLE - CAST IRON - 4-1/2 8RD LATCH DOWN PLUG	1	EA	116.00	116.00

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Halliburton Energy Services, Inc.

RELEASED
MAR 28 2001

ORIGINAL

Continuation

Invoice No.	Date
90209925	1/25/1999

KOO

MAR 06 2000

CONFIDENTIAL

APR 15 119 21010 00 00

INVOICE

Reference Number	Description	QTY	U/M	Unit Price	Amount
100076190	SHOE,IFS,4 1/2 BRD,INSR FLPR V Discount : \$40.25- SHOE,IFS,4 1/2 BRD,INSR FLPR Valve SHOE-IFS- 4-1/2 BRD - INSERT FLAPPER VALVE	1	EA	115.00	115.00
100013930	FILUP ASSY,1.250 ID,4 1/2,5 IN INSR Discount : \$21.00- 27815.19113 FILLUP ASSY - 1.250 ID - 4-1/2 - 5 IN. INSERT FLOAT VALVE	1	EA	60.00	60.00
100004473	CENTRALIZER ASSY - API - 4-1/2 CSG X Discount : \$206.50- 40806.60004 CENTRALIZER ASSY - API - 4-1/2 CSG X 7-7/8 HOLE - HINGED - W/WELDED IMPERIAL BOWS	10	EA	59.00	590.00
100004638	CLAMP-LIMIT-4 1/2-FRICT-W/DOGS Discount : \$6.18- XXXXXXX 806.72720 CLAMP - LIMIT - 4-1/2 - FRICTION - W/DOGS	1	EA	17.65	17.65
12302	SBM 50-50 POZ (PREMIUM) Discount : \$898.63- 504-131	250	SK	10.27	2,567.50
100064022	CHEMICAL - CAL SEAL - BULK Discount : \$127.40- 508-127516.00335 CHEMICAL - CAL SEAL - BULK	13	SK	28.00	364.00

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Halliburton Energy Services, Inc.

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Continuation	
Invoice No.	Date
90209925	11/25/1999

INVOICE

KCC

MAR 06 2000

APR 15 119-21010 69 00

CONFIDENTIAL

Reference Number	Description	QTY	U/M	Unit Price	Amount
100003700	CHEMICAL-Gilsonite (Bulk) Discount : \$253.75- 508-292516.00337 CHEMICAL - GILSONITE - BULK	1,250	LB	0.58	725.00
100003646	CHEMICAL - HALAD-322 - 50 LB SACK Discount : \$282.98- 507-775516.00144 CHEMICAL - HALAD-322 - 50 LB SACK	105	LB	7.70	808.50
100003695	SALT,CEM GR,BULK Discount : \$85.68- 509-968516.00315 SALT - CEMENT GRADE - BULK	1,360	LB	0.18	244.80
3965	HANDLE&DUMP SVC CHR, CMT&ADDITIVES,ZI Discount : \$185.92- With the following configuration: NUMBER OF EACH 500-207	320	CF	1.66	531.20
3975	MILEAGE,CMTG MTLs DEL/RETURNED,ZI Discount : \$388.94- With the following configuration: NUMBER OF TONS 500-306	889	TMI	1.25	1,111.25

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Wichita, Kansas

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ORIGINAL

Configuration	
Invoice No.	Date
90209925	11/25/1999

HALLIBURTON
 Halliburton Energy Services, Inc.

RELEASED

MAR 28 2001

KCC

MAR 06 2000

APC 15-119-21010-00-00

CONFIDENTIAL

INVOICE

Reference Number	Description	QTY	U/M	Unit Price	Amount
	INVOICE SUBTOTAL				11,888.70
	DISCOUNT				4,161.07
	INVOICE AMOUNT				7,727.63
	Sales Tax - State				226.09
	Sales Tax - County				7.28
	Sales Tax - City/Loc				46.15
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				8,007.15

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Halliburton Energy Services, Inc.

CONFIDENTIAL

SOLD TO

QUINQUE OPERATING COMPANY
 PO BOX 2738
 LIBERAL KS 67905-2738
 USA

SHIP TO

WELL OPERATOR
 QUINQUE CLAWSON TRUST #1-20,
 MEADE
 LEASE NAME / OFFSHORE AREA
 CLAWSON TRUST
 WELL NUMBER
 1-20
 WELL PERMIT NO.
 20-32S-28W API# 1511921010000
 ADDRESS
 *
 CITY, STATE, ZIP CODE

Page 1 of 5
ORIGINAL

TICKET TYPE	COMPANY CODE	HALLIBURTON ORDER NO.
Services	1100	302753
CUSTOMER P.O. NO.	JOB DATE	PRIMARY SERVICE LOC.
N/A	11/22/1999	Liberal, KS, USA

SALES OFFICE	WELL TYPE	WELL CATEGORY	RIG NAME / NO.
Mid-Continent BD	Gas	Development	QUINQUE OPERATING COMPANY

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
10	7523	PSL-CMT CEMENT PRODUCTION CASING-BOM Liberal, KS, USA Hwy 54 West JP035	1.00	JOB	0.00	0.00
20	1	MILEAGE FROM NEAREST HES BASE,/UNIT,ZI Liberal, KS, USA Hwy 54 West 000-117 With the following configuration: Number of Units	94	MI	3.65	343.10
			94	MI	1.28-	120.09-
			94	MI	2.37	223.01
30	2	MILEAGE FOR CEMENTING CREW,ZI Liberal, KS, USA Hwy 54 West 000-119 With the following configuration: Number of Units	94	MI	2.15	202.10
			94	MI	0.75-	70.74-
			94	MI	1.40	131.36

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 Wichita, Kansas
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ORIGINAL

INVOICE INSTRUCTIONS	
PAYMENT TERMS	HALLIBURTON APPROVAL
Net due in 20 days	
HALLIBURTON OPERATOR / ENGINEER	CUSTOMER SIGNATURE

TOTAL FROM THIS PAGE	354.37
TOTAL FROM NEXT PAGE(S)	7,373.26
SUBTOTAL	7,727.63
TAXES	279.52
GRAND TOTAL	8,007.15
	US Dollars

Halliburton Energy Services, Inc.

15 119-21010-00-00

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
40	11	CEMENT CASING DEPTH CHARGE				
		Liberal, KS, USA Hwy 54 West	1.00	UN	2,422.00	2,422.00
			1.00	UN	847.70-	847.70-
			1.00	UN	1,574.30	1,574.30
		001-016				
		With the following configuration:				
		CHARGE BY FT OR RANGE OF FEET	5,625	ft		
80	7	ENVIRONMENTAL SURCHARGE,/JOB,ZI				
		Liberal, KS, USA Hwy 54 West	1.00	JOB	55.00	55.00
			1.00	JOB	19.25-	19.25-
			1.00	JOB	35.75	35.75
		000-150				
90	132	PORTABLE DAS,/DAY/JOB,ZI				
		Liberal, KS, USA Hwy 54 West	1.00	JOB	760.00	760.00
			1.00	JOB	266.00-	266.00-
			1.00	JOB	494.00	494.00
		045-050				
		With the following configuration:				
		NUMBER OF DAYS	1	Days		
100	13383	SBM MUD FLUSH,ZI				
		Liberal, KS, USA Hwy 54 West	500.00	GAL	0.80	400.00
			500.00	GAL	0.28-	140.00-
			500.00	GAL	0.52	260.00
		018-315				
130	12302	SBM 50-50 POZ (PREMIUM)				
		Hugoton, KS, USA	250.00	SK	10.27	2,567.50
			250.00	SK	3.59-	898.63-
			250.00	SK	6.68	1,668.87
		504-131				
170	100064022	CHEMICAL - CAL SEAL - BULK				
		Hugoton, KS, USA	13.00	SK	28.00	364.00
			13.00	SK	9.80-	127.40-
			13.00	SK	18.20	236.60

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RELEASE

ORIGINAL

REGION North America	NWA/COUNTRY Mid East USA	TICKET # 2753	TICKET DATE 11-23-99
MBU/ID / EMP # ML 10110 106328	EMPLOYEE NAME Nick Karbe	BDA / STATE Ks	COUNTY Meade
LOCATION Liberal	COMPANY QuinQue Oper. Co.	PSL DEPARTMENT 21 ORIGINAL	CUSTOMER REP / PHONE Roger Pearson
TICKET AMOUNT \$8432.09	WELL TYPE 02	API / UWI # 15-119-21010-00-00	KCC
WELL LOCATION 25.2 W of Meade	DEPARTMENT Cement	JOB PURPOSE CODE 035	MAR 06 2000
LEASE / WELL # Clawson Trust 1-20	SEC / TWP / RNG 20-32S-28W	CONFIDENTIAL	

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
N. Karbe 106328 8			
B. McIntyre 106009 8	RELEASED		
G. Humphries 106085 8			
MAR 28 2001			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
421270	100						
54218/78299	100	FROM CONFIDENTIAL					
54225/78299	140						
6611							

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

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar LD Baffle	1	H
Float Shoe 1 FS	1	
Guide Shoe		0
Centralizers 204	10	
Bottom Plug		U
Top Plug L D Plug	1	
Head Longrip	1	C
Packer		
Other		

MATERIALS

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

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	11-22-99	11-22-99	11-23-99	11-23-99
TIME	1900	2200	0315	0415

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	10.5	4 1/2	0	56.01	2000
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
11-22-99	2 hr	11-23-99	1 hr	035
11-23-99	hrs			
TOTAL		TOTAL		
		1 hr		

HYDRAULIC HORSEPOWER
 Avail. _____ Used _____
AVERAGE RATES IN BPM
 Disp. _____ Overall _____
CEMENT LEFT IN PIPE
 Reason sh jt

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	250	Prem/Poz	B	5% Colson, 5% Sulsonite, 2% Agel, 0.5% Halad-322, 10% salt	1.50	13.86

Circulating Breakdown _____	Displacement Maximum _____	Preflush: Gal - BBI _____	Type _____
Average _____	Frac Gradient _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Shut In: Instant _____	5 Min _____ 15 Min _____	Treatment Gal - BBI _____	Disp: BBI - Gal 38
		Cement Slurr Gal - BBI 62 bbl	
		Total Volume Gal - BBI _____	

TICKET #	30 753	TICKET DATE	11-22-99
BDA / STATE	Ks	COUNTY	Meade
PSL DEPARTMENT	21	CUSTOMER REP / PHONE	Roger Perriera
API / UWI #	15-119-21010-00-00	JOB PURPOSE CODE	035
		MAR 06 2000	

REGION	North America	NWA/COUNTRY	MidCont USA.
MBU ID / EMP #	MCL10110 106328	EMPLOYEE NAME	Nick Karbe
LOCATION	Liberal	COMPANY	Quinque Oper. Co.
TICKET AMOUNT	\$8432.09	WELL TYPE	02
WELL LOCATION	25,2W of Meade	DEPARTMENT	Cement
LEASE / WELL #	Clawson Trust 1-20	SEC / TWP / RNG	20 - 32S - 28W

HES EMP NAME/EMP#/(EXPOSURE HOURS) :HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) :HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) :HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) :HRS
Nick Karbe 106328 8			
D. McLartyre 106009 8			
G. Humphries 106085 8			

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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1900							
	2200							called out on loc. Held safety mtg setup trks
	0000							st FE Breakline
	0315					2500		Testlines
	0318	5	0			150		start wtr ahead
	0319	5	5/0			150		st M.F.
	0321	5	10/0			150		st wtr behind
	0322	5.5	5/0			150		st cement 250skts @ 1B.86 #
	0333		6.7					end cement
	0334							wash pump & line
	0339							rel plug
	0341	6	0			50		st disp
	0357	2	63			100		catch cement
	0406	2	78			350		slow gate
	0411		85			550		Bump Plug
	0412					1300		release pres float held

MAR 20 2001

Job complete
Thank you
Nick & crew

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Wichita Kansas



Halliburton Energy Services, Inc.

15-119-21010-00 00

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
180	100003700 Hugoton, KS, USA	508-127516.00335 CHEMICAL - CAL SEAL - BULK CHEMICAL-Gilsonite (Bulk)				
			1,250.00	LB	0.58	725.00
			1,250.00	LB	0.20-	253.75-
			1,250.00	LB	0.38	471.25
190	100003646 Hugoton, KS, USA	508-292516.00337 CHEMICAL - GILSONITE - BULK CHEMICAL - HALAD-322 - 50 LB SACK				
			105.00	LB	7.70	808.50
			105.00	LB	2.70-	282.98-
			105.00	LB	5.00	525.52
200	100003695 Hugoton, KS, USA	507-775516.00144 CHEMICAL - HALAD-322 - 50 LB SACK SALT,CEM GR,BULK				
			1,360.00	LB	0.18	244.80
			1,360.00	LB	0.06-	85.68-
			1,360.00	LB	0.12	159.12
210	100003729 Liberal, KS, USA Hwy 54 West	509-968516.00315 SALT - CEMENT GRADE - BULK CHEM,CLAYFIX II,IN HAL TK BULK				
			8.00	GAL	33.95	271.60
			8.00	GAL	11.88-	95.06-
			8.00	GAL	22.07	176.54
220	100013745 Liberal, KS, USA Hwy 54 West	314-163 516.00472 CHEMICAL - CLAYFIX II - IN HAL TANK BULK SHIPMENTS - FRESNO, TX. - 8.4545 LBS. PER GAL. PLUG ASSY - 3W LATCHDOWN - 4-1/2 IN				
			1.00	EA	184.00	184.00
			1.00	EA	64.40-	64.40-
			1.00	EA	119.60	119.60
		593801.0373 PLUG ASSY - 3 WIPER LATCH-DOWN - 4-1/2				

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HALLIBURTON ORDER NO: 302753 Cont. QUINQUE OPERATING

ORIGINAL Page 5 of 5

Halliburton Energy Services, Inc.

15.119.21010.00.00

ITEM	MATERIAL	LOCATION	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
280	3965	Hugoton, KS, USA	XXXXXXXX 806.72720 CLAMP - LIMIT - 4-1/2 - FRICTION - W/DOGS HANDLE&DUMP SVC CHRГ, CMT&ADDITIVES,ZI	320.00	CF	1.66	531.20
				320.00	CF	0.58-	185.92-
				320.00	CF	1.08	345.28
			500-207				
			With the following configuration: NUMBER OF EACH	1	each		
290	3975	Hugoton, KS, USA	MILEAGE,CMTG MTLs DEL/RETURNED,ZI	889.0	TMI	1.25	1,111.25
				889.0	TMI	0.44	388.94-
				889.0	TMI	0.81	722.31
			500-306				
			With the following configuration: NUMBER OF TONS	1.00	ton		
			INVOICE AMOUNT				7,727.63
			Sales Tax - State				226.09
			Sales Tax - County				7.28
			Sales Tax - City/Loc				46.15
			INVOICE TOTAL				8,007.15
							US Dollars

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Halliburton Energy Services, Inc.

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SOLD TO

QUINQUE OPERATING COMPANY
PO BOX 2738
LIBERAL KS 67905-2738
USA

SHIP TO

Page 1 of 5

WELL OPERATOR
QUINQUE CLAWSON TRUST #1-20,
MEADE
LEASE NAME / OFFSHORE AREA
CLAWSON TRUST
WELL NUMBER
1-20
WELL PERMIT NO.
20-32S-28W API# 1511921010000
ADDRESS
*
CITY, STATE, ZIP CODE

ORIGIN

TICKET TYPE	COMPANY CODE	HALLIBURTON ORDER NO.
Services	1100	302753
CUSTOMER P.O. NO.	JOB DATE	PRIMARY SERVICE LOC.
N/A	11/22/1999	Liberal, KS, USA

APT 15-119-21010-00-00

SALES OFFICE	WELL TYPE	WELL CATEGORY	RIG NAME / NO.
Mid-Continent BD	Gas	Development	QUINQUE OPERATING COMPANY

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
10	7523	PSL-CMT CEMENT PRODUCTION CASING-BOM Liberal, KS, USA Hwy 54 West JP035	1.00	JOB	0.00	0.00
20	1	MILEAGE FROM NEAREST HES BASE,/UNIT,ZI Liberal, KS, USA Hwy 54 West	94	MI	3.65	343.10
			94	MI	1.28	120.09
			94	MI	2.37	223.01
		000-117				
		With the following configuration: Number of Units	1	unit		
30	2	MILEAGE FOR CEMENTING CREW,ZI Liberal, KS, USA Hwy 54 West	94	MI	2.15	202.10
			94	MI	0.75	70.74
			94	MI	1.40	131.36
		000-119				
		With the following configuration: Number of Units	1	unit		

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The customer hereby acknowledges receipt of the materials and services listed on this ticket.

x Roger Pearson

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CONSERVATION DIVISION
Wichita, Kansas

FROM ORIGIN

INVOICE INSTRUCTIONS	
PAYMENT TERMS Net due in 20 days	HALLIBURTON APPROVAL
HALLIBURTON OPERATOR / ENGINEER <i>Nick Karbe</i>	CUSTOMER SIGNATURE

TOTAL FROM THIS PAGE	354.37
TOTAL FROM NEXT PAGE(S)	7,275.76
SUBTOTAL	7,630.13
TAXES	272.31
GRAND TOTAL	7,902.44
	US Dollars

ORIGINAL

~~SECRET~~

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R^and W

Bus. Ph. 316-624-9466
P.O. BOX 1092
LIBERAL, KANSAS 67905-1092
ID. 48-1120187

**ORIGINAL
INVOICE**

RAT HOLE DRILLING INC.

KCC

NO. 9605-99

MAR 06 2000

DATE 11-11-99

CONFIDENTIAL

PAGE

SOLD
TO:

QUINQUE OPERATING
P.O. BOX 2738
LIBERAL, KANSAS 67905

SHIP
TO:

ORDERED BY: GARY FISHER
LEASE: CLAWSON TRUST 1-20
MEAD CO, KANSAS
ABERCROMBIE 4 / QUINQUE OPERATING

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APR 15 1999 21010 00 00

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	TAX	UNIT PRICE	AMOUNT
	61	FT	HOLE, 55 FT PIPE, 6x6 CELLAR 6 YDS CEMENT, WELDING, MILEAGE			\$3448.00
	120 BBLs		MUD- Nichols Bit led Direct to you			
<p>Thank You</p> <p>We Appreciate Your Business</p>						
COMMENTS:						
SERVICES RENDERED						TOTAL ► \$3448.00

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CONSERVATION DIVISION
Wichita, Kansas