

ORIGINAL

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

Operator: License # 5225
Name: Quinque Operating Company
Address P. O. Box 2738
CONFIDENTIAL
City/State/Zip Liberal, KS 67905-2738
Purchaser: Centana/Aurora Natural Gas
Operator Contact Person: Michael Moore
Phone (316) 624-2578
Contractor: Name: Beredco, Inc.
License: 5147
Wellsite Geologist: Marvin Harvey
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

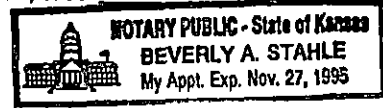
If Workover/Re-Entry: old well info as follows **RELEASED**
Operator: _____
Well Name: _____
Comp. Date _____
FROM CONFIDENTIAL
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
12-20-94 1-6-95 3-23-95
Spud Date Date Reached TD Completion Date

API NO. 15- 119-20935-00-00
County Meade County, Kansas
- NW - NE - NE Sec. 31 Twp. 34 Rge. 30 ^EW
330 Feet from SW (circle one) Line of Section
2310 Feet from EW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
 SE, NW or SW (circle one)
Lease Name Adams Well # 2-31
Field Name Kneeland
Producing Formation Chester
Elevation: Ground 2467.5 KB 2479.5
Total Depth 6200 PBTB 6126
Amount of Surface Pipe Set and Cemented at 1462 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 4485 Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cat.
Drilling Fluid Management Plan ALT 1 9-7 12-15-95
(Data must be collected from the Reserve Pit)
Chloride content 2400 ppm Fluid volume 2000 bbls
Dewatering method used Chemical
Location of fluid disposal if hauled offsite: MAR 24
Operator Name **CONFIDENTIAL**
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 [Signature]
Title President Date 3-24-95
Subscribed and sworn to before me this 24 day of March, 19 95.
Notary Public Beverly A. Stahle
Date Commission Expires 11-27-95



RECEIVED STATE CORPORATION COMMISSION
MAR 20 1995
OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

ORIGINAL

SIDE TWO

Operator Name Quinque Operating Company Lease Name Adams Well # 2-31

Sec. 31 Twp. 34 Rge. 30 East West County Meade County, Kansas

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:
- Cement Bond Log
 - Comp. SSD Comp. Neutron Log
 - Micro Log
 - Dual Induction Log
 - Comp. Sonic Log

Name	Top	Datum
Herington	2436'	+ 44'
U. Krider	2464'	+ 16'
Krider	2506'	- 26'
Winfield	2568'	- 88'
Ft. Riley	2630'	- 150'
Council Grove	2830'	- 350'
Heebner Shale	4181'	-1701'
Toronto	4222'	-1742'
Lansing	4334'	-1854'
Drum	4640'	-2160'

continued on attached page

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Conductor	30"	20"		45'			
Surface	12 1/4"	8 5/8"	23#	1462'	HLC 2% CC 174 Flo seal Prem. Plus	475 150	2% CC 2% CC

Additional Casing on attached page

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	5910' - 5911' 5575' - 5576' 5575'	105 saks-Prem. w/Halad-322 50 saks-Prem.
4	5752' -60' 5739' -41' 5730' -36' 5726' -28' 5884' -90'	500 gal. FE acid 15% w/HAI-81M; Losurf 300; Clayfix II 1500 gal. 15% FE acid w/HAI-81M; Liner Run Losurf 300

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>5680</u>	Packer At <u>5682'</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, BWD or Inj. <u>3-25-95</u>	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. <u>-0-</u>	Gas Mcf <u>640</u>	Water Bbls. <u>-0-</u>	Gas-Oil Ratio	Gravity <u>.6575</u>
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Other (Specify)

Production Interval: 5726-5890

ORIGINAL

Quinque Operating Company

P.O. Box 2738
Liberal, Kansas 67905-2738
(316) 624-2578

CONFIDENTIAL

Adams #2-31
NW/NW/NE Section 31-34-30
Meade County, Kansas

API#15-119-20935

Formation continued:

Marmaton	5054'	-2574'
Cherokee Shale	5266'	-2786'
Keating	5416'	-2936'
Morrow Shale	5607'	-3127'
Chester	5729'	-3249'
St. Genevieve	6026'	-3546'
St. Louis	6102'	-3622'

Casing Record continued:

(used) Production	7 7/8"	5 1/2"	15.5#	6170'	Prem. Plus 110 saks w/EA-2; Halad-322; Salt
Recemented					Prem. Plus 90 saks w/Halad-322 .6%; EA-2 10%; Salt 15%

RELEASED

APR 2 2 1996

FROM CONFIDENTIAL

KCC

MAR 2 4

CONFIDENTIAL

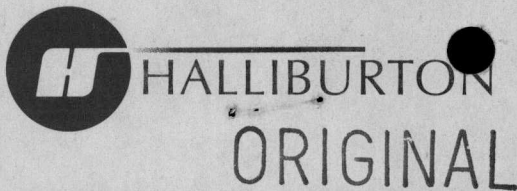
RECEIVED
STATE CORPORATION COMMISSION

MAR 2 9 1995

CONSERVATION DIVISION
WICHITA, KANSAS

CUSTOMER COPY

INVOICE



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

INVOICE NO.	DATE
706235	02/10/1995

WELL LEASE NO./PROJECT ADAMS 1-2 <i>2-31</i>		WELL/PROJECT LOCATION MEADE		STATE KS	OWNER SAME
SERVICE LOCATION LIBERAL		CONTRACTOR NLS	JOB PURPOSE CEMENT PRODUCTION CASING		TICKET DATE 02/10/1995
ACCT. NO. 712202	CUSTOMER AGENT ROGER PEARSON	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 85661

CONFIDENTIAL

QUINQUE OPERATING COMPANY
P O BOX 2738
LIBERAL, KS 67905-2738

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	80 MI		2.75	220.00
		1 UNT			
009-019	PLUGGING BK SPOT CEMENT OR MUD	4485 FT		1,780.00	1,780.00
		1 UNT			
314-163	CLAYFIX II	5 GAL		28.00	140.00
504-050	CEMENT - PREMIUM PLUS	90 SK		11.19	1,007.10
507-775	HALAD-322	51 LB		7.00	357.00
508-123	CAL SEAL 60	8 SK		25.967590	207.20
509-968	SALT	762 LB		0.15	114.30
500-207	BULK SERVICE CHARGE	112 CFT		1.35	151.20
500-306	MILEAGE CHRG NOT DEL OR RETURN	328.8575 TMI		0.95	312.42

INVOICE SUBTOTAL

4,289.22

DISCOUNT-(BID)

KCC

857.84-

INVOICE BID AMOUNT

MAR 24

3,431.38

- *-KANSAS STATE SALES TAX
- *-LIBERAL CITY SALES TAX
- *-SEWARD COUNTY SALES TAX

CONFIDENTIAL

158.17
32.29
32.29

RELEASED
APR 22 1996

RECEIVED
STATE CORPORATION COMMISSION
MAR 29 1995

FROM CONFIDENTIAL
CONSERVATION DIVISION
WICHITA, KANSAS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT ***** > \$3,654.13

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.



HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

ORIGINAL
65 M.B.

TICKET No. 706235

FORM 1911 R-10

CUSTOMER Quinque Operating	WELL Adams 2-1	DATE 02-10-95	PAGE CF
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT.	DF							
504-050	516.00265				Premium Plus Cement	90	sk			11 19	1007 10
507-775	516.00144				Halad-322 .6%W/ 90	51	lb			7 00	357 00
508-127	516.00335				EA-2 10%W/ 90	8	sk			25 90	207 20
509-968	516.00315				Granulated Salt 15%W/ 90	762	lb			15	114 30
CONFIDENTIAL											
ORIGINAL											
RELEASED APR 22 1996 FROM CONFIDENTIAL											
CONFIDENTIAL MAR 24											
500-207					SERVICE CHARGE	CUBIC FEET		112		1 35	151 20
500-306					MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES		95	312 42
						10,119	65	328.8675			

No. B 218555

CONTINUATION TOTAL 2149,22

CUSTOMER COPY



INVOICE

INVOICE NO.	DATE
705741	01/06/1995

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
ADAMS 21		MEADE		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		BEREDCO	CEMENT PRODUCTION CASING		01/06/1995
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
712202	ROGER PEARSON			COMPANY TRUCK	83453

ORIGINAL

DIRECT CORRESPONDENCE TO:

QUINQUE OPERATING COMPANY
P O BOX 2738
LIBERAL, KS 67905-2738

OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

CONFIDENTIAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	100	MI	2.75	275.00
		1	UNT		
001-016	CEMENTING CASING	6169	FT	2,070.00	2,070.00
		1	UNT		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	5	1/2 IN	65.00	65.00
		1	EA		
018-315	MUD FLUSH	500	GAL	.65	325.00
314-163	CLAYFIX II	10	GAL	28.00	280.00
12A	GUIDE SHOE - 5 1/2" BRD THD.	1	EA	121.00	121.00
825.205					
24A	INSERT FLOAT VALVE - 5 1" RELEASED	1	EA	110.00	110.00
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8" APR 22 1996	1	EA	55.00	55.00
815.19311					
40	CENTRALIZER-5-1/2 X 8-1/2 FROM CONFIDENTIAL	13	EA	60.00	780.00
806.60022					
66	CLAMP-LIMIT-5-1/2 HINGED	1	EA	12.00	12.00
806.72030					
56	WALL CLEANER CABLE TYPE 5 1/2"	12	EA	27.50	330.00
807.2005					
350	HALLIBURTON WELD-A KCU	1	EA	14.50	14.50
890.10802					
504-050	CEMENT - PREMIUM PLUS MAR 24	110	SK	11.19	1,230.90
508-127	CAL SEAL 60	10	SK	25.90	259.00
507-775	HALAD 322 CONFIDENTIAL	62	LB	7.00	434.00
509-948	SALT	932	LB	.15	139.80
001-018	CEMENTING CASING - ADD HRS	3	HR	235.00	705.00
		1	UNT		
500-207	BULK SERVICE CHARGE	137	CFT	1.35	184.95
500-306	MILEAGE CMTG MAT DEL OR RETURN	401.70	TMI	.95	381.62

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

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CUSTOMER COPY

INVOICE



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

INVOICE NO.	DATE
705741	01/06/1995

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
ADAMS 21		MEADE		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		BEREDCO	CEMENT PRODUCTION CASING		01/06/1995
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
712202	ROGER PEARSON			COMPANY TRUCK	83653

ORIGINAL

QUINQUE OPEATING COMPANY
P O BOX 2738
LIBERAL, KS 67905-2738

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

CONFIDENTIAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	INVOICE SUBTOTAL				7,772.77
	DISCOUNT-(BID)				2,131.19
	INVOICE BID AMOUNT				5,641.58
	*-KANSAS STATE SALES TAX				131.17
	*-LIBERAL CITY SALES TAX				26.79
	*-SEWARD COUNTY SALES TAX				26.79
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$5,826.33

REC
MAR 24
CONFIDENTIAL

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.



HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 70-141

DC 18

FORM 1911 R-10

CUSTOMER Quingue Operating	WELL Adams 21	DATE 1-6-95	PAGE 1	OF 1
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		U/M	U/M		
504-050	516.00265				Premium Plus Cement	110	sk	11.19	1230.90
508-127	516.00335				Ea-2	10	sk	25.90	259.00
507-775	516.00144								
507-775	516.00144				Halad-322	62	LB	7.00	434.00
509-968	516.00315				Granulated Salt	932	LB	15	139.80
500-207					SERVICE CHARGE	CUBIC FEET 137		1.35	184.95
500-306					MILEAGE CHARGE	TOTAL WEIGHT 12,368	LOADED MILES 65	TON MILES 401.70	95 381.62

RELEASED APR 22 1996 FROM CONFIDENTIAL

NOT CONFIDENTIAL MAR 24

CONFIDENTIAL

ORIGINAL

RECEIVED STATE COMMISSION MAR 29 1995 CONSERVATION DIVISION

No. B 263450

CONTINUATION TOTAL 3,802