

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

Operator: License # 31283

Name: Rheem Resources

Address 100 S. Main, #505

City/State/Zip Wichita, KS 67202

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

Operator Contact Person: James L. Rheem

Phone ( 316 ) 262-5099

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Richard W. Harris

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:

Operator: N/A

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. \_\_\_\_\_

04-19-97 04-27-97 5-30-97

Spud Date 04-19-97 Date Reached TD 04-27-97 Completion Date 5-30-97

API NO. 15- 101-21,741-00 ORIGINAL

County Lane

SE - SE - NE Sec. 18 Twp. 16S Rge. 27 X <sup>E</sup> <sub>W</sub>

2970' Feet from S (circle one) Line of Section

330' 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 Gates Well # 1

Field Name \_\_\_\_\_

Producing Formation KANSAS CITY + MARMATON

Elevation: Ground 2647' KB 2652'

Total Depth 4560' PBSD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 304.05' Feet

Multiple Stage Cementing Collar Used? XX Yes  No

If yes, show depth set 2101 Feet

If Alternate II completion, cement circulated from 2101

feet depth to Surface w/ 275 sx cmt.

Drilling Fluid Management Plan A.H. 2, 2-13-98 U.C.  
 (Data must be collected from the Reserve Pit)

Chloride content 18,000 ppm Fluid volume 1100 bbls

Dewatering method used Evaporization

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, 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 [Signature]

Title President Date May 9, 1997

Subscribed and sworn to before me this 13 day of May 19 97.

Notary Public Linda A. Kreuzburg

Date Commission Expires 10-5-97

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

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 Form ACC-1 (7-91)

LINDA A. KREUZBURG  
 NOTARY PUBLIC  
 STATE OF KANSAS  
 My Appt. Exp. 10-5-97

MAY 19 1997  
05-19-1997  
 CONSERVATION DIVISION  
 WICHITA, KS

Operator Name Rheem Resources Lease Name Gates Well # 1  
 Sec. 18 Twp. 16S Rge. 27  East  West  
 County Lane

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

List All E.Logs Run:

*Neutron, Dual Ind.*

*SEE ATTACHED*

CASING RECORD <input type="checkbox"/> New <input 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"	20#	304.05'	60/40 pos	190	2% gel, 3% cc
<i>Prod. casing</i>		<i>4 1/2"</i>		<i>4560</i>	<i>Mid con II</i>	<i>195</i>	<i>2% cc 1/4" flo seal</i>
		<i>Port collar</i>					

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	<i>4000/4560</i>	<i>CAL SEAL 60</i>	<i>195</i>	
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	<i>surf./2100</i>	<i>MID CON II</i>	<i>325</i>	<i>2% cc</i>

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
<i>2</i>	<i>4276 - 4279</i>	<i>1000 Gal. 15% NE HALL's</i>	<i>Acid</i>
<i>2</i>	<i>4164 - 4170 + 4154 - 4156</i>	<i>500 Gal. 15% NE HALL's</i>	<i>Acid</i>

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SMD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
<i>6-1-97</i>	Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
		<i>17</i>		<i>67</i>			

Disposition of Gas:  Vented  Sold  Used on Lease (if vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  
 Production Interval: *4154'*  
*4279'*

ORIGINAL

Sample Tops:	Slawson	Staab	Log Tops:
Anhydrite: 2065' +587'			2066' +586'
B. Anhydrite: 2100' +552'			2101' +551'
Heebner: 3865' -1213' +10		+3	3863' -1211'
Lansing: 3903' -1251' +10		+5	3906' -1254'
Kansas City: 3980' -1328' +12		+6	3986' -1334'
Stark: 4152' -1500'			4151' -1499'
BKC: 4222' -1570'			4220' -1568'
Marmaton: 4244' -1592'			4242' -1590'
Labette: 4400' -1748'			4398' -1746'
Cherokee: 4432' -1780'			4432' -1780'
Miss: 4500' -1848'			4502' -1850'



316-262-5099 TEL  
316-262-5098 FAX  
100 SOUTH MAIN SUITE 505  
WICHITA, KANSAS 67202

**DAILY DRILLING REPORT**  
#1 GATES "A"  
SE SE NE/4 SEC. 18-16S-27W  
LANE COUNTY, KANSAS  
API# 15-101-21, 741

**CONTRACTOR: ABERCROMBIE RTD, INC.**  
**GEOLOGIST: RICK HARRIS**  
**ELEVATION: 2647 ' GL**  
**2652 ' KB**

**DST#1 3975'-3994' Kansas City 70' Zone**  
Times: 30-45-45-60  
Blow: 1st open blow off bottom 30 sec.  
2nd open 3" blow  
Rec.: 2365' salt water  
IFP:561-1090; FFP:1101-1101; FSIP:1098-1103; HP:1878-1858

**DST#2 4055'-4082' Kansas City 140' Zone**  
Times: 30-45-30-30  
Blow: 1st open weak surface blow  
2nd open no blow  
Rec.: 10' SCOM  
IFP:16-22; FFP:27-30; FSIP:981-842; HP:1957-1941

**DST#3 4088' - 4151' Kansas City 160' & 180' Zone**  
Times: 30-30-30-30  
Blow: 1st open weak blow died in 15"  
2nd open no blow  
Rec.: 5' SOCM  
IFP:20-21; FFP:21-21; FSIP:74-42; HP:2009-1964

**DST#4 4145' - 4170' Kansas City 200' Zone**  
Times: 30-45-45-60  
Blow: 1st open 14" blow  
2nd open 8" blow  
Rec.: 551' GIP, 10' CGO, 62' O&GCM (30% oil), 62' O&WCM (20% oil, 25% wtr.)  
IFP:22-51; FFP:61-91; FSIP:770-736; HP:2077-1985

**DST#5 4184' - 4211' Kansas City 220' Zone**  
Times: 30-30-30-30  
Blow: 1st open died 2"  
2nd open no blow  
Rec.: 5' mud  
IFP:19-20; FFP:19-19; FSIP:58-35; HP:2061-2021

**RECEIVED**  
KANSAS CORPORATION COMMISSION

MAY 19 1997

CONSERVATION DIVISION  
WICHITA, KS

# ALLIED CEMENTING CO., INC.

5337

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

ORIGINAL

SERVICE POINT:

WAYNE

DATE <u>4-19-97</u>	SEC. <u>18</u>	TWP. <u>16S</u>	RANGE <u>27W</u>	CALLED OUT	ON LOCATION <u>3:50 PM</u>	JOB START <u>6:45 PM</u>	JOB FINISH <u>7:15 PM</u>
LEASE <u>GATES "A"</u>	WELL# <u>1</u>	LOCATION <u>PERMANENT 1/4 W-1 1/2 N</u>			COUNTY <u>LANE</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR ADERCROMBES ATO REG<sup>ED</sup> OWNER SAME

TYPE OF JOB SURFACE CEMENT

HOLE SIZE 12 1/4" T.D. 309'

CASING SIZE 8 3/4" DEPTH 304'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

AMOUNT ORDERED 190 513 60/40 102 39 CC 2866 L

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	@	
MILEAGE	@	

**EQUIPMENT**

PUMP TRUCK	CEMENTER	<u>TERRY</u>
# <u>300</u>	HELPER	<u>WAYNE</u>
BULK TRUCK		
# <u>212</u>	DRIVER	<u>LONNIE</u>
BULK TRUCK		
#	DRIVER	

TOTAL \_\_\_\_\_

**REMARKS:**

DISPLACEMENT 18-3/4 BBL.

CEMENT DID CUR.

THANK YOU

**SERVICE**

DEPTH OF JOB	<u>304'</u>
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	@
PLUG	<u>8 3/4 SURFACE</u> @
	@
	@

TOTAL \_\_\_\_\_

CHARGE TO: RHEEM RESOURCES

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	
	@	

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 19 1997

TOTAL \_\_\_\_\_

CONSERVATION DIVISION  
WICHITA, KS

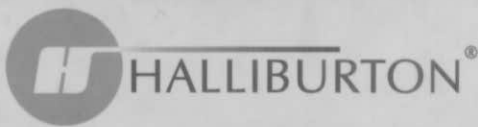
TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

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.

SIGNATURE [Signature]



INVOICE

HALLIBURTON ENERGY SERVICES, INC.

INVOICE NO.	DATE
196465	04/28/1997

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
GATES A 1		LANE		KS	SAME
SERVICE LOCATION	CONTRACTOR		JOB PURPOSE		TICKET DATE
HAYS	ABERCROMBIE DRILLING		SHOWN BELOW		04/28/1997
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
001232	ANTHONY MARTIN			COMPANY TRUCK	23638

RHEEM RESOURCES, INC.  
 100 SOUTH MAIN, #905  
 WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:

1102 E. 8TH  
 HAYS KS 67601  
 913-625-3431

ORIGINAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
JOB PURPOSE - CEMENT PRODUCTION CASING					
000-117	MILEAGE CEMENTING ROUND TRIP	160	MI	3.20	512.00
		1	UNT		
001-016	CEMENTING CASING	4560	FT	2,038.00	2,038.00
		1	UNT		
018-315	MUD FLUSH	500	GAL	.75	375.00
030-016	CEMENTING PLUG SW ALUM TOP	4.5	IN	50.00	50.00
		1	EA		
504-308	CEMENT - STANDARD	195	SK	10.83	2,111.85
509-968	SALT	1750	LB	.17	297.50
508-127	CAL SEAL 60	9	SK	28.00	252.00
507-725	HALAD-322	137	LB	7.70	1,054.90
508-291	GILSONITE BULK	975	LB	.50	487.50
500-207	BULK SERVICE CHARGE	253	CFT	1.55	392.15
500-306	MILEAGE CHRG MAT DEL OR RETURN	883.680	TMI	1.18	1,042.74
JOB PURPOSE SUBTOTAL					8,613.64
INVOICE SUBTOTAL					8,613.64
DISCOUNT - (BID)					2,756.34
INVOICE BID AMOUNT					5,857.30
*-KANSAS STATE SALES TAX					179.64
*-HAYS CITY SALES TAX					36.66
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					96,073.60

FEB 13 1997

CONSERVATION DIVISION  
 Wichita, Kansas

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.





TICKET # <b>196090</b>	TICKET DATE <b>5-28-97</b>
BDA / STATE <b>MID CONTINENT</b>	COUNTY <b>LANE</b>
PSL DEPARTMENT <b>TOOLS</b>	
CUSTOMER REP / PHONE <b>L.D. DAVIS 316-793-287</b>	
API / UWI #	
JOB PURPOSE CODE <b>145/195</b>	

REGION <b>North America</b>	NW/COUNTRY <b>MID CONTINENT</b>
MBU ID / EMP # <b>62732</b>	EMPLOYEE NAME <b>A.G. CURTIS</b>
LOCATION <b>HAYS</b>	COMPANY <b>Phoenix Resources</b>
TICKET AMOUNT <b>7000</b>	WELL TYPE <b>01</b>
WELL LOCATION	DEPARTMENT <b>TOOLS</b>
LEASE / WELL # <b>GATES A-1</b>	SEC / TWP / RNG <b>18-16S-27W</b>

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
<b>A.G. CURTIS</b>	<b>10</b>	<b>M. KARLIN</b>					

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
<b>41321</b>	<b>120</b>	<b>53557</b>	<b>120</b>				

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		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

MATERIALS			
Treat Fluid	Density	Lb/Gal	
Disp. Fluid	Density	Lb/Gal	
Prop. Type	Size	Lb.	
Prop. Type	Size	Lb.	
Acid Type	Gal.	%	<b>15</b>
Acid Type	Gal.	%	
Surfactant	Gal.	In	<b>1000</b>
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			

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	<b>5-27-97</b>	<b>5-27-97</b>	<b>5-27-97</b>	<b>5-30-97</b>
TIME	<b>0500</b>	<b>0800</b>	<b>1030</b>	<b>1500</b>

WELL DATA						
	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	<b>U</b>	<b>10.5</b>	<b>4 1/2</b>	<b>0</b>	<b>4579</b>	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations				<b>4276</b>	<b>79</b>	<b>2</b>
Perforations				<b>4164</b>	<b>70</b>	<b>2</b>
Perforations				<b>4154</b>	<b>56</b>	<b>2</b>

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
<b>5-27</b>	<b>10</b>	<b>5-27</b>	<b>2</b>	<b>Run OHSB to isolate to Acquire</b>
<b>TOTAL</b>		<b>TOTAL</b>		

ORDERED	HYDRAULIC HORSEPOWER	Used
	Avail.	
TREATED	AVERAGE RATES IN BPM	Overall
	Disp.	
FEET	CEMENT LEFT IN PIPE	Reason

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL

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
		Cement Slurr: Gal - BBI	
		Total Volume: Gal - BBI	





**HALLIBURTON ENERGY SERVICES**

HAL-1906-P

CHARGE TO: Rheem - 4000RCS  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No.

196090 - 4

PAGE 1 OF 3

SERVICE LOCATIONS 1. <u>112/15 K3</u>	WELL/PROJECT NO. 1	LEASE <u>C-11205-A</u>	COUNTY/PARISH <u>LANE</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>5-27-97</u>	OWNER <u>Same</u>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>SMITH WELLSITE</u>	RIG NAME/NO. 1	SHIPPED VIA <u>CT WELLSITE</u>	DELIVERED TO	ORDER NO.
3.	WELL TYPE <u>01-OIL</u>	WELL CATEGORY <u>01-Drill</u>	JOB PURPOSE <u>ITS/115</u>	WELL PERMIT NO.	WELL LOCATION <u>18-165-27W</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
100-115		1		20	MILEAGE	100	hr			1.75	195.00
110-092		1		25	QRBP	1	ca	4 1/2	ca		1035.00
300-111		1		30	Mileage P.T.	100	mi			3.20	320.00
200-014		1		30	Pump Charge	1	ca	1000	hrs		810.00
200-018	201-004	1		40	NE ACID	15	10 gal	15	%	1.51	2265.00
210-702		1		30	20 SURF - 259	7	gal			46.90	327.30
210-013		1		30	HAI-85M	1 1/2	gal			65.25	97.88
216-434	110-755	1		0	CONTRIBUTORIAL (KINDIP)	1	ca				13.75
216-434	117-000	1		0	WELLSITE - P.A.	1	ca				52.00
200-018	201-004	1		40	NE ACID	15	10 gal			1.51	2265.00
210-702		1		30	20 SURF - 259	7	gal			46.90	327.30
210-013		1		30	HAI-85M	1 1/2	gal			65.25	97.88

ORIGIN

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

L. D. Davis

DATE SIGNED: 5-27-97 TIME SIGNED: 0800  A.M.  P.M.

do  do not require IPC (Instrument Protection).  Not offered

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
TYPE LOCK DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	<input checked="" type="checkbox"/>			
BEAN SIZE SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?	<input checked="" type="checkbox"/>			SUB-TOTAL - APPLICABLE TAXES WILL BE ADDED ON INVOICE
TYPE OF EQUALIZING SUB. CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	<input checked="" type="checkbox"/>			
TUBING SIZE TUBING PRESSURE WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	<input checked="" type="checkbox"/>			
TREE CONNECTION TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES** The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <u>L. D. Davis</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>[Signature]</u>	HALLIBURTON OPERATOR/ENGINEER <u>A. G. CURTIS</u>	EMP # <u>62732</u>	HALLIBURTON APPROVAL <u>[Signature]</u>
---	--	--	-----------------------	--

KCC OIL/GAS REGULATORY OFFICE

DATE 5/29/97  
OPERATOR Rheem Resources Inc. # 31283

New Situation  
 Response to Request  
 Follow-up

NAME 100 S. Main, Ste. 505  
&  
ADDRESS Wichita, KS 67202

LOCATION SE SE NE, SEC 18, T 16 S, R 27 W  
LEASE Gates A Well # 1

PHONE NO. 316-262-5099  
OPER. OTHER

COUNTY Lane API#15-101-21,741

REASON FOR INVESTIGATION: Alternate II cement completion

LEASE INSPECTION

PROBLEM:

PERSON(S) CONTACTED:

FINDINGS: 8 5/8" at 304' w/190 sx cement, TD @ 4562', 4 1/2" casing at 4558', Port collar at 2101'

Opened port collar and pumped 275 sx Mid Con II 2% cc 1/4# floseal. Cement did circulate.

COMPLAINT

RECEIVED  
KANSAS CORP COMM  
1997 JUN -4 A 1:12

photos taken:

ACTION/RECOMMENDATIONS: Alternate II cementing completed.

FIELD REPORT

Retain 1 copy Joint District Office  
Send 1 copy Conservation Division

By Mike Maier

5/29/97

Operator Name Rheem Resources

Lease Name Gates

Well # 1

Sec. 18 Twp. 16S Rge. 27

East

County Lane

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.)

List All E.Logs Run:

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

*SEE ATTACHED*

CASING RECORD <input type="checkbox"/> New <input 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"	20#	304.05'	60/40 pos	190	2% gel, 3% cc

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate	4000/4560	CAL SEAL 60	195	
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD	SURF/2100	MID CON II	325	2%cc
<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	4276-4279
2	4164-4170 & 4154 - 4156	500 gal 15% NE Hallib. Acid	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj.	6-1-97				Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil 17 Bbls.	Gas Mcf	Water 67 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.  Cemented

Production Interval: 4154

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COMPLAINT

FIELD REPORT