

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

API NO. 15- 199-20223-00-00 ORIGINAL  
County Wallace  
C SE SE Sec. 19 Twp. 15 Rge. 41 X

Operator: License # 3581  
Name: Red Oak Energy, Inc.  
Address 200 W. Douglas  
Suite 510  
City/State/Zip Wichita, Ks. 67202  
Purchaser: Koch  
Operator Contact Person: Kevin Davis  
Phone: 316, 265-9925  
Contractor: Name: Abercrombie RTD, Inc.  
License: 30684  
Wellsite Geologist: Scott Banks

660 Feet from S/X (circle one) Line of Section  
660 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 Greene Trust Well # 1-19  
Field Name Wildcat  
Producing Formation Morrow  
Elevation: Ground 3822' X3 3827  
Total Depth 5300' PSTD 5260'  
Amount of Surface Pipe Set and Cemented at 380.98 Feet  
Multiple Stage Cementing Collar Used? X Yes X  
If yes, show depth set DV @ 1946' Feet  
If Alternate II completion, cement circulated from 1946  
feet depth to surface w/ 365 lb cement

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SICW  
 Dry  Other (Core, WSV, Expl., Cathodic, etc)

Drilling Fluid Management Plan ALT II 1-10-99  
(Data must be collected from the Reserve Pit) DPW  
Chloride content 10,000 ppm Fluid volume 1200 bbl  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite:  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter Sec. Twp. Rng. E/W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

If Workover/Re-Entry: old well info as follows:  
Operator: N/A  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD  
Plug Back \_\_\_\_\_ PSTD  
Completed \_\_\_\_\_ Docket No. \_\_\_\_\_  
Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
Other (SWD or Inj?) Docket No. \_\_\_\_\_  
09-19-94 09-27-94 09-28-94  
Spud Date Date Reached TD Completion Date

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 W.C. Davis  
Title President Date 2/9/95

Subscribed and sworn to before me this 9th day of February  
19 95.  
Notary Public Victoria Davis

VICTORIA DAVIS  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 10/21/97

October 21, 1997

DEWY K.C.C. OFFICE USE ONLY  
RECEIVED Letter of Confidentiality Attached  
WIRELINE LOG RECEIVED  
GEOLOGIST REPORT RECEIVED  
FEB 10 1995  
DISTRIBUTION  
XCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ XGPA \_\_\_\_\_  
XCS \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)  
CONSERVATION DIVISION  
WICHITA, KANSAS

ORIGINAL

Operator Name Red Oak Energy, Inc.

Lease Name Greene Trust

Well # 1-19

Sec. 19 Twp. 15 Rge. 41

East  
 West

County Wallace

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 (Submit Copy.)  Yes  No

List All E.Logs Run:

CDN  
DIL

Micro-Resistivity  
Cement Bond

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Base Anhydrite	2790	+1037
Heebner	4126	- 299
Cherokee	4750	- 923
Morrow Shale	4981	-1154
Morrow LS	5100	-1273
Mississippian	5164	-1337

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		8 5/8"	25#	380.98	posmix	250	2%gel, 3%cc
Bottom Stage Production		5 1/2"	15 1/2#	5297	standard	150	3%KCL, 3/4of 1% Hallad 322.
Top Stage					HCL-common	315-50	2%cc-2%cc

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 To				
<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/ft.	perf. 5080-85'	None	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 1/2	5156	Non		
Date of First, Resumed Production, SVD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
10/20/94					
Estimated Production Per 24 Hours	Oil 45	Gas TSTM	Water 1	Gas-Oil Ratio	Gravity

Disposition of Gas:  Vented  Sold  Used on Lease  
(If vented, submit ACD-18.)

METHOD OF COMPLETION

Open Hole  Perf.  Dually Compo.  Commingled  
 Other (Specify)

Production Inter



P. O. BOX 1599 PHONE (316) 262-5861  
WICHITA, KANSAS 67201

FORMATION TESTING

TICKET No. 20437

15-19-20223-00-00

Elevation 3822 GR Formation Morrow Eff. Pay Ft.

District Colby Date 9-24-94 Customer Order No.

COMPANY NAME Red Oak Energy, Inc  
ADDRESS 200 W Douglas Suite 510 Wichita KS  
LEASE AND WELL NO. Green Trust # 1-19 COUNTY Wallace STATE KS Sec. 19 Twp. 15 Rge. 41 W  
Mail Invoice To Same Co. Name No. Copies Requested Reg  
Mail Charts To Same # 1-19 GREENE TRUST Address No. Copies Requested Reg

Formation Test No. 1 Interval Tested From 5049 ft. to 5085 ft. Total Depth 5085 ft.  
Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.  
Packer Depth 5049 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
Depth of Selective Zone Set

Top Recorder Depth (Inside) 5067 ft. Recorder Number 13720 Cap. 3950  
Bottom Recorder Depth (Outside) 5070 ft. Recorder Number 13400 Cap. 3950  
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -  
Drilling Contractor Abercrombie Rig # 4 Drill Collar Length - I. D. - in.  
Mud Type Chemical Viscosity 52 Weight Pipe Length 319 I. D. 3.2 in.  
Weight 9.1 Water Loss 9.0 cc. Drill Pipe Length 4704 I. D. 3.8 in.  
Chlorides 5900 P.P.M. Test Tool Length 26 ft. Tool Size 5 1/2 CD in.  
Jars: Make Western Serial Number 414 Anchor Length 36 ft. Size 5 1/2 CD in.  
Did Well Flow? no Reversed Out Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 KH in.

Blow: IFP - Strong blow bottom of bucket in 1/2 min  
IFP - Gas to surface on opening tool

Recovered 4766 ft. of Gas in pipe above fluid  
Recovered 289 ft. of Gassy oil out mud 15% oil 10% gas 75% mud  
Recovered - ft. of  
Recovered 30 ft. of Clean oil - 37 Gravity @ 60°  
Recovered - ft. of

Chlorides P.P.M. Sample Jars used Remarks:

ORIGINAL

Time On Location 200 A.M. P.M. Time Pick Up Tool 400 A.M. P.M. Time Off Location A.M. P.M.  
Time Set Packer(s) 615 A.M. P.M. Time Started Off Bottom 10 00 A.M. P.M. Maximum Temperature 140  
Initial Hydrostatic Pressure (A) 2474 P.S.I.  
Initial Flow Period Minutes 30 (B) 97 P.S.I. to (C) 117 P.S.I.  
Initial Closed In Period Minutes 45 (D) 1033 P.S.I.  
Final Flow Period Minutes 60 (E) 126 P.S.I. to (F) 185 P.S.I.  
Final Closed In Period Minutes 90 (G) 1013 P.S.I.  
Final Hydrostatic Pressure (H) 2434 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By *[Signature]* Signature of Customer or his authorized representative

Western Representative *[Signature]* Mike Student

FIELD INVOICE

Open Hole Test \$  
Mistriun \$  
Straddle Test \$  
Jars \$  
Selective Zone \$  
Safety Joint \$  
Standby \$  
Evaluation \$  
Extra Packer \$  
Circ. Sub. \$  
Mileage \$  
Fluid Sampler \$  
Extra Charts \$  
Insurance \$

STATE CORPORATION COMMISSION  
FEB 10 1995  
CONSERVATION DIVISION  
WICHITA, KANSAS

15-199-20223-00-00

Phone 316 262-5861



P. O. Box 1599

WICHITA, KANSAS 67201

No 2461

### GAS FLOW REPORT

Date 9-24-94 Ticket \_\_\_\_\_ Company Red Oak  
 Well Name and No. Green Trust # 1-19 Dst No. 1 Interval Tested 5049-5085  
 County Wallace State KS Sec. 19 Twp. 1S Rg. 41

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
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#### PRE FLOW


ORIGINAL

#### SECOND FLOW

Time	P.S.I.	Size of Orifice	P.S.I. on Pitot	P.S.I. on Side Static	Description of Flow
10	16	1/4			Gas to Surface on opening tool
20	29	1/4			27,000 mcf/day
30	38	1/4			40.9 mcf
40	43	1/4			60.4 mcf
50	48	1/4			73.0 mcf
60		1/4			82.7 mcf
					86.8 mcf

#### GAS BOTTLE

Serial No. \_\_\_\_\_ Date Bottle Filled \_\_\_\_\_ Date to be Invoiced \_\_\_\_\_

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Red Oak  
 Authorized by [Signature]

RECEIVED  
 STATE CORPORATION COMMISSION  
 SEP 21 1995  
 CONSERVATION DIVISION  
 WICHITA, KANSAS



15-199-20223-00-00

### Fluid Sample Report

Date 9-24-94 Ticket No. 20437  
 Company Red Oak  
 Well Name & No. Green Trust # 1-19 DST No. 1  
 County Dallace State KS  
 Sampler No. 2 Test Interval 5049 - 5085

Pressure in Sampler 175 PSIG BHT 140 OF

Total Volume of Sampler	<u>3150</u>	cc.
Total Volume of Samples:	<u>1250</u>	cc.
Oil:	<u>1260</u>	cc.
Water:	<u>-</u>	cc.
Mud:	<u>50</u>	cc.
Gas:	<u>9.16</u>	cu. ft.
Other:		"

**ORIGINAL**

#### Resistivity

Water: @ \_\_\_\_\_ of Chloride Content \_\_\_\_\_ ppm.  
 Mud Pit Sample @ \_\_\_\_\_ of Chloride Content \_\_\_\_\_ ppm.  
 Gas/Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ OF

Where was sample drained \_\_\_\_\_

Remarks: \_\_\_\_\_

RECEIVED  
STATE CORPORATION COMMISSION

FEB 10 1995

CONSERVATION DIVISION  
WICHITA, KANSAS



P. O. BOX 1599 PHONE (316) 262-5861  
WICHITA, KANSAS 67201

FORMATION TESTING

TICKET N° 20438

15-199-20223-00-00

Elevation 3822 GR Formation Morrow Eff. Pay Ft.

District Colby Date 9-26-94 Customer Order No.

COMPANY NAME Red Oak Energy, Inc

ADDRESS 200 W Douglas Suite 510 Wichita KS.

LEASE AND WELL NO Green Trust #1-19 COUNTY Wallace STATE KS. Sec. 19 Twp. 15S Rge. 41W

Mail Invoice To Same Co. Name Address No. Copies Requested Reg

Mail Charts To Same Address No. Copies Requested Reg

Formation Test No. 2 Interval Tested From 5080 ft. to 5182 ft. Total Depth 5182 5300 ft.

Packer Depth 5075 ft. Size 6 3/4 in. Packer Depth 5182 ft. Size 6 3/4 in.

Packer Depth 5080 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 5172 ft. Recorder Number 13760 Cap. 3950

Bottom Recorder Depth (Outside) 5175 ft. Recorder Number 13400 Cap. 3950

Below Straddle Recorder Depth 5297 ft. Recorder Number 13547 Cap. 4200

Drilling Contractor Abercrombie Rig #4 Drill Collar Length I. D. in.

Mud Type Chemical Viscosity 52 Weight Pipe Length 191 I. D. 3.2 in.

Weight 9.1 Water Loss 9.0 cc. Drill Pipe Length 4857 I. D. 3.8 in.

Chlorides 5900 P.P.M. Test Tool Length 32 ft. Tool Size 5 1/2 OD in.

Jars: Make Western Serial Number 414 Anchor Length 102 ft. Size 5 1/2 OD in.

Did Well Flow? Reversed Out Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7/8 in. Tool Joint Size 4 1/2 XN in.

Blow: 1FP. Strong blow - Bottom of Bucket in 2 min

FFP - GAS to surface - (during first shut in)

Recovered 2444 ft. of Gas in pipe above fluid

Recovered 2170 ft. of Gassy oil 85% oil, 15% gas

Recovered 434 ft. of G. cement 25% oil 50% gas 40% water 30% mud

Recovered 248 ft. of water

Chlorides 32000 P.P.M. Sample Jars used Remarks: Gravity 37 @ 60°

ORIGINAL

Time On Location 200 A.M. Time Pick Up Tool 330 P.M. Time Off Location A.M.

Time Set Packer(s) 540 A.M. Time Started Off Bottom 925 P.M. Maximum Temperature 148 P.M.

Initial Hydrostatic Pressure (A) 2733 P.S.I.

Initial Flow Period (B) 30 Minutes 702 P.S.I. to (C) 877 P.S.I.

Initial Closed In Period (D) 45 Minutes 1072 P.S.I.

Final Flow Period (E) 60 Minutes 964 P.S.I. to (F) 1072 P.S.I.

Final Closed In Period (G) 90 Minutes 1072 P.S.I.

Final Hydrostatic Pressure (H) 2633 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative

Western Representative [Signature]

FIELD INVOICE

- Open Hole Test \$
- Microns \$
- Straddle Test \$
- Jars \$
- Selective Zone \$
- Safety Joint \$
- Standby \$
- Evaluation \$
- Extra Packer \$
- Circ. Sub. \$
- Mileage \$
- Fluid Sampler \$
- Extra Charts \$
- Insurance \$

RECEIVED  
CONSERVATION COMMISSION  
FEB 10 1995  
CONSERVATION DIVISION  
WICHITA, KANSAS



**№ 2462**

**GAS FLOW REPORT**

Date 9-22-94 Ticket 20438 Company Red Oak  
 Well Name and No. Green Trust # 1-19 Dst No. 2 Interval Tested 5080 - 5182  
 County Wallace State ks. Sec. 19 Twp. 15 Rg. 41

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
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**PRE FLOW**

**ORIGINAL**

**SECOND FLOW** GAS to surface on first shut in

Time (inches)	P.S.I.	Size of Orifice	P.S.I. on Pitot	P.S.I. on Side Static	Description of Flow
10	22	1/4			12.7 mcf - Day
20	22				
30	8				
40	6				
50	5				
60					4.76
					4.12
					4.12
					3.71

**GAS BOTTLE**

Serial No. \_\_\_\_\_ Date Bottle Filled \_\_\_\_\_ Date to be Invoiced \_\_\_\_\_

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME \_\_\_\_\_

Authorized by \_\_\_\_\_

Phone (316) 793-7903



P. O. Box 793 - Great Bend, Kansas

15-199-20223-00-00

### Fluid Sample Report

Date 9-26-94 Ticket No. 26438  
 Company Red Oak  
 Well Name & No. Green Trust 1-19 DST No. 2  
 County Wallace State KS  
 Sampler No. 2 Test Interval 5050-5182

Pressure in Sampler 700 PSIG BHT 148 OF

Total Volume of Sampler 3150 cc.  
 Total Volume of Sample: 2300 cc.  
 Oil: 2150 cc. **ORIGINAL**  
 Water: 150 cc.  
 Mud: - cc.  
 Gas: 5.4 cu. ft.  
 Other:    "

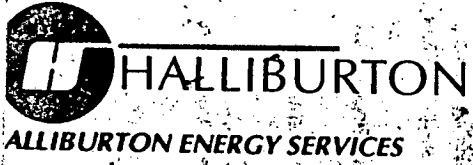
#### Resistivity

Water: 1 @ 68 of Chloride Content 2200 ppm.  
 Mud Pit Sample 2.1 @ 68 of Chloride Content 5900 ppm.  
 Gas/Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ OF

Where was sample drained \_\_\_\_\_

Remarks: 60% WATER





CHARGE TO: **RFD OHS Surface**  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

ORIGINAL  
 No. 590540 - 5  
 TICKET

FM 1906 R-13  
 SERVICE LOCATIONS: **AMED Co 2565**  
 WELL/PROJECT NO: **1-19**  
 LEASE: **GREENE TRWT**  
 COUNTY/PARISH: **WALLACE**  
 STATE: **KS**  
 CITY/OFFSHORE LOCATION:  
 DATE: **9-19-94**  
 OWNER: **S.M.F.**  
 CONTRACTOR: **Abtcrambi**  
 RIG NAME/NO:  
 SHIPPED: **CC**  
 DELIVERED TO: **LOC**  
 ORDER NO:  
 WELL TYPE: **01**  
 WELL CATEGORY: **03**  
 JOB PURPOSE: **010**  
 WELL PERMIT NO:  
 WELL LOCATION: **19, 15, 41**  
 FERRAL LOCATION:  
 INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING LDC ACCT DEF	DESCRIPTION	QTY. U/M	UNIT PRICE	AMOUNT
20-112		45	MILEAGE	1	2.72	2.72 00
1-016		45	PUMP CHARGES	380		630 00
0-503		45	1-1/2" P.C.P.C.	1	95 00	95 00

ORIGINAL

**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.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE  
*Gary Fisher*  
 DATE SIGNED: \_\_\_\_\_ TIME SIGNED: \_\_\_\_\_  
 A.M.  P.M.

SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

TYPE LOCK	DEPTH	
BEAN SIZE	SPACERS	
TYPE OF EQUALIZING SUB.	CASING PRESSURE	
TUBING SIZE	TUBING PRESSURE	WELL DEPTH
TREE CONNECTION	TYPE VALVE	

**SURVEY** AGREE UN-DECIDED DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  
 WE UNDERSTOOD AND MET YOUR NEEDS?  
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?  
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?  
 ARE YOU SATISFIED WITH OUR SERVICE?  
 YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	747 95
FROM CONTINUATION PAGE(S)	3019 89
-45	3766 89
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	2072 13

**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): **Gary Fisher**  
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): *Gary Fisher*  
 HALLIBURTON OPERATOR/ENGINEER: *C. Ashby* EMP # **44061**  
 HALLIBURTON APPROVAL: *Ronda Bushell*

15-199-20223-00-00

CONSERVATION DIVISION  
 MICHIGAN, KANSAS  
 FEB 10 1995



TICKET CONTINUATION

ORIGINAL

TICKET No. **590540**

HALLIBURTON ENERGY SERVICES

CUSTOMER **R-O-O AIC**

WELL

DATE **9-19-44**

PAGE OF

M 1911 R-9

15-199-20223-00-00

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
					<b>250 cu ft 40% Normix</b>	<b>60</b>	<b>%</b>	<b>Concrete</b>			
<b>4-308</b>	<b>516.00261</b>				<b>STANDARD Cement</b>	<b>150</b>	<b>SKS</b>			<b>9.89</b>	<b>1483.50</b>
<b>6-105</b>	<b>516.00286</b>				<b>Normix</b>	<b>7400</b>	<b>lb</b>			<b>0.74</b>	<b>547.60</b>
<b>6-121</b>	<b>516.00259</b>				<b>for 2% Allowance</b>	<b>4</b>	<b>SKS</b>			<b>N/C</b>	
<b>9-406</b>	<b>890.50812</b>				<b>Calcium Chloride 3% w/AM</b>	<b>6</b>	<b>SKS</b>			<b>36.75</b>	<b>220.50</b>
<b>ORIGINAL</b>											
<b>10-207</b>					SERVICE CHARGE					<b>1.35</b>	<b>353.170</b>
<b>20-306</b>					MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	CUBIC FEET	TON MILES		
						<b>22380</b>	<b>39</b>	<b>262</b>	<b>436.41</b>	<b>95</b>	<b>414.59</b>

CONTINUATION TOTAL **3019.89**

15-199-20223-00-00



JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

MIL CONT  
LAMA CO

BILLED ON TICKET NO. 590540

FIELD W-C SEC. 19 TWP. 15 RING. 41 COUNTY WALLACE 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	N	24	8 5/8	KB	380	
LINER						
TUBING						
OPEN HOLE			12 1/4	KB	385	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>LA-10</u>	<u>1</u>	
HEAD		
PACKER		
OTHER		

CALLED OUT		ON LOCATION		JOB STARTED		JOB COMPLETED	
DATE <u>9-18-99</u>	TIME <u>2:00</u>	DATE <u>9-19-99</u>	TIME <u>3:00</u>	DATE <u>9-19-99</u>	TIME <u>7:15</u>	DATE <u>9-19-99</u>	TIME <u>7:45</u>

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
<u>B. PALMER. B6702</u>	<u>52625</u>	<u>LAMA</u>
<u>M. LONGMONT.</u>	<u>69510</u>	
<u>C. HULLER</u>	<u>44061</u>	<u>37459</u>
		<b>ORIGINAL</b>

MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_  
 DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_  
 PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB. \_\_\_\_\_  
 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 Cont.  
 DESCRIPTION OF JOB 8 5/8

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
 CUSTOMER REPRESENTATIVE X Harry Fisher  
 HALLIBURTON OPERATOR C. A. H. COPIES REQUESTED \_\_\_\_\_

CEMENT DATA							
STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>256</u>	<u>60/40 P02</u>			<u>2% Cl. 3% CC</u>	<u>1.28</u>	<u>14.7</u>

PRESSURES IN PSI

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 \_\_\_\_\_  
 FEET 20 REASON N59

SUMMARY

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 24  
 CEMENT SLURRY: BBL.-GAL. 57  
 TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

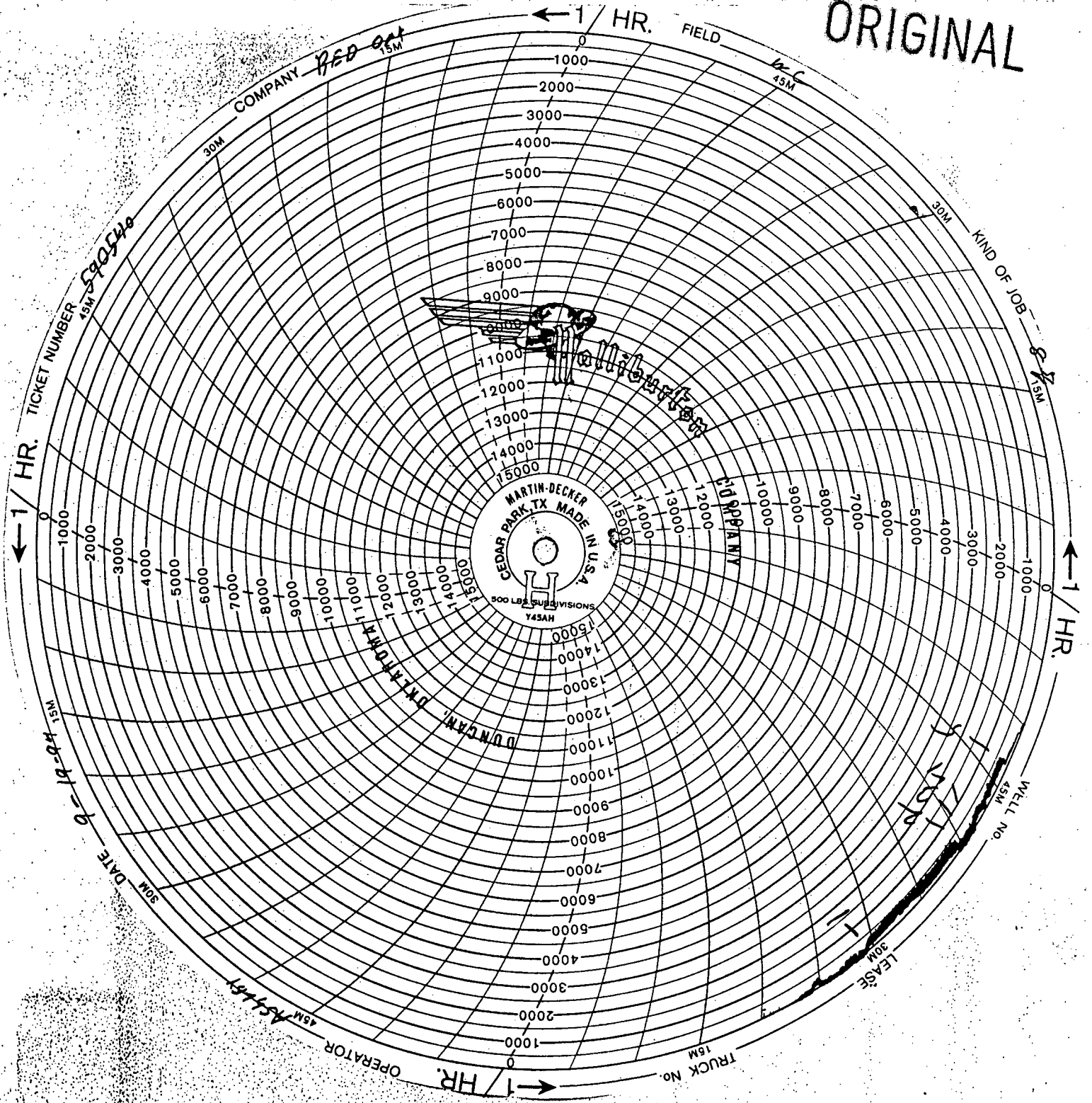
REMARKS

STATE CORPORATION COMMISSION  
 FEB 10 1999  
 CONSERVATION DIVISION  
 WICHITA, KANSAS

CUSTOMER RED OAK  
 LEASE G-BEENE TRUST  
 WELL NO. 1-19  
 JOB TYPE 8 5/8



15-199-20223-00-00  
 ORIGINAL



← 1/HR.

1/HR. →

← 1/HR.

→ 1/HR.



**JOB SUMMARY**

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

BILLED ON TICKET NO.

FIELD \_\_\_\_\_ SEC. 19 TWP. 15 RNG. 41 COUNTY WALLACE 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	<u>N</u>	<u>2 1/2</u>	<u>8 5/8</u>	<u>KM</u>	<u>380</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**TOOLS AND ACCESSORIES** None

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>LX-10</u>	<u>1</u>	
HEAD		
PACKER		
OTHER		

CALLED OUT DATE TIME	ON LOCATION DATE TIME	JOB STARTED DATE TIME	JOB COMPLETED DATE TIME

NAME	UNIT NO. & TYPE	LOCATION
<u>R. PALMER</u>	<u>22625</u>	<u>WALLACE</u>
<u>M. LONGHEAD</u>	<u>3625</u>	
<u>C. ALLEN</u>	<u>27459</u>	

**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 Oil  
 DESCRIPTION OF JOB 8 1/2"  
 JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X  
 HALLIBURTON OPERATOR C. Allen  
 COPIES REQUESTED \_\_\_\_\_

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK-SACKED	ADDITIONS	YIELD CUFT/SK	MIXED LBS/GAL
		<u>Col/10 Var</u>			<u>2720</u>	<u>1725</u>	<u>147</u>

**SUMMARY**

CIRCULATING DISPLACEMENT \_\_\_\_\_ PRESFLUSH: BBL. GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
 BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL. GAL. \_\_\_\_\_ PAD: BBL. GAL. \_\_\_\_\_  
 AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL. GAL. \_\_\_\_\_ DISPL. BBL. GAL. \_\_\_\_\_  
 SHUT-IN INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY/ BBL. GAL. 27  
 ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ TOTAL VOLUME: BBL. GAL. \_\_\_\_\_  
 TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
 CEMENT LEFT IN PIPE \_\_\_\_\_

REMARKS \_\_\_\_\_

CUSTOMER JOB NO. 15-199-20223-00-00





CHARGE TO: Red Oak Energy Inc  
 ADDRESS: 200 W Douglas #510  
 CITY, STATE, ZIP CODE: Wichita Ks 67202

TICKET No. 634975 - 11  
 PAGE 1 OF 2

FORM 1906 R-13

1. <u>Liberal</u>	WELL/PROJECT NO. <u>1-19</u>	LEASE <u>Green Trust</u>	COUNTY/PARISH <u>Wallace</u>	STATE <u>Ks</u>	CITY/OFFSHORE LOCATION	DATE <u>9-26-94</u>	OWNER <u>SAME</u>
2. <u>Hugoton</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>A. Bercrambie</u>	RIG NAME/NO. <u>4</u>	SHIPPED <u>P.U. Loc/N Tribune</u>	DELIVERED TO	ORDER NO.
3.	<input type="checkbox"/> SALES						
4. REFERRAL LOCATION	WELL TYPE <u>02</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>035</u>	WELL PERMIT NO.	WELL LOCATION <u>19-15N-41W</u>		

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOG	ACCT	DF			U/M			
<u>000-117</u>		<u>1</u>			<u>MILEAGE</u>	<u>75</u>	<u>mi</u>	<u>2</u>	<u>75</u>	<u>206.25</u>
<u>007-013</u>	<u>001-016</u>	<u>1</u>	<u>AL</u>		<u>PUMP CHARGE</u>	<u>5251</u>	<u>FT</u>	<u>6</u>	<u>HR</u>	<u>1895</u>
<u>007-161</u>		<u>1</u>	<u>AL</u>		<u>ADDITIONAL STAGE</u>	<u>1948</u>	<u>FT</u>	<u>6</u>	<u>HR</u>	<u>1400</u>
<u>201-018</u>		<u>1</u>	<u>AL</u>		<u>ADDITIONAL HRS 1st STAGE</u>	<u>3</u>	<u>HR</u>	<u>per</u>	<u>HR</u>	<u>235</u>
<u>26</u>	<u>847.6318</u>	<u>1</u>	<u>IG</u>		<u>INSERT VALVE FLOAT SHOE</u>	<u>5 1/2</u>	<u>IN</u>	<u>1</u>	<u>EA</u>	<u>350</u>
<u>27</u>	<u>815.19311</u>	<u>1</u>	<u>ORIG</u>		<u>FILL TUBE</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>55</u>
<u>71</u>	<u>813.80300</u>	<u>1</u>	<u>ORIG</u>		<u>D.V TOOL</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>2450</u>
<u>75</u>	<u>813.16510</u>	<u>1</u>			<u>PLUG SET</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>460</u>
<u>40</u>	<u>806.60022</u>	<u>1</u>			<u>CENTRALIZERS</u>	<u>"</u>	<u>"</u>	<u>8</u>	<u>EA</u>	<u>44</u>
<u>320</u>	<u>806.70030</u>	<u>1</u>			<u>BASKETS</u>	<u>"</u>	<u>"</u>	<u>2</u>	<u>EA</u>	<u>110</u>
<u>594</u>	<u>801.03743</u>	<u>1</u>			<u>LATCH DOWN BAFFLE</u>	<u>"</u>	<u>"</u>	<u>1</u>	<u>EA</u>	<u>114</u>
<u>595</u>	<u>812.01689</u>	<u>1</u>			<u>LATCH DOWN PLUG</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>540</u>

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.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE  
X David Pauly  
 DATE SIGNED

TIME SIGNED  A.M.  P.M.

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

SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

TYPE LOCK	DEPTH	
BEAN SIZE	SPACERS	
TYPE OF EQUALIZING SUB.	CASING PRESSURE	
TUBING SIZE	TUBING PRESSURE	WELL DEPTH
TREE CONNECTION	TYPE VALVE	

<b>SURVEY</b>	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	<u>8747</u>	<u>25</u>
FROM CONTINUATION PAGE(S)	<u>9175</u>	<u>36</u>
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	<u>17,922</u>	<u>61</u>

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>David Pauly</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X [Signature]</u>	HALLIBURTON OPERATOR/ENGINEER <u>Ronald Crist</u>	EMP # <u>07653</u>	HALLIBURTON APPROVAL <u>[Signature]</u>	38%
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15-199-20223-00-00



HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

ORIGINAL / 08

TICKET No. 634975

ORM 1911 R-10

CUSTOMER Red Oak	WELL Breen Trust 1-19	DATE 09-26-94	PAGE OF 2   2
---------------------	--------------------------	------------------	------------------

15-199-2028-00-00

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-043	516.00272				Premium Cement	200		sk		10 61	2122 00
504-118					Premium Lite Cement	315		sk		9 61	3027 15
504-043	516.00272					205		sk			
506-1056	516.00286					8140		lb			
506-121	516.00259					16		sk			
507-775	516.00144				Halad-322 .75%W 150	106		lb		7 00	742 00
508-002	70.15302				Potassium Chloride 2%W/50, 3%W/150	290		lb		1 27	78 30
018-315				1	MUD FLUSH	500		gal	per gal	65	325 -
019-241				1	CSG. SWIVEL ROTATING HEAD	1		EA.	per Job		185 -
500-207					SERVICE CHARGE						
								CUBIC FEET			
								575		1 35	776 25
500-306					MILEAGE CHARGE						
					TOTAL WEIGHT	53,885		LOADED MILES	75		
								TON MILES		95	2738 71
											1919 65

ORIGINAL

No. B 262926

CONTINUATION TOTAL 9175.36



CUSTOMER Red Oak Energy Lease Green Trust WELL NO. 1-19 JOB TYPE Long String Date 9-26-94

WELL DATA

FIELD \_\_\_\_\_ SEC. 19 TWP. 15N RING. 41W COUNTY WALLACE 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	U	15.5	5 1/2	KB.	5258	
LINE PIPE	U	24	8 7/8	GL.	310	
TUBING						
OPEN HOLE			7 7/8			SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 9-26-94	DATE 9-27-94	DATE 9-27-94	DATE 9-27-94
TIME 1900	TIME 0000	TIME 1132	TIME 1400

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
R Crist	B8242	Liberal
D 7653	P14	
T Broadfoot	75496	71
D 4604	RCM	
D McIntyre	7620	H490104
D 9704	Bulk	
J Widener		
3525		

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <u>w Fill 5 1/2</u>	1	
GUIDE SHOE		
CENTRALIZERS <u>5 1/2 S-4</u>	8	
BOTTOM PLUG <u>Latch Down</u>	1	
TOP PLUG <u>Set</u>	1	
HEAD	1	
PACKER <u>Baskets 5 1/2</u>	2	
OTHER <u>weld A</u>	1 1/2	

MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API  
 DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API  
 PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
 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 DV Long String

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE X Paul Roof  
 HALLIBURTON OPERATOR Ronald Crist COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
2	315	HLC Prem		B		1.69	13.1
2	50	H		B	2% KCl	1.18	15.6
1	150	H		B	3% KCl	1.18	15.8

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 \_\_\_\_\_  
 FEET 36 REASON Shoe Joint

PRESLUSH: BBL.-GAL. 500 mud flush  
 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL.: BBL.-GAL. 1st 31.7 2nd 94 bbl 644 mud  
 CEMENT SLURRY: BBL.-GAL. \_\_\_\_\_  
 TOTAL VOLUME: BBL.-GAL. 10 TC 346 water

REMARKS

2nd stage circulated 212 SKs  
Cement To Pit

**JOB LOG** HAL-2013-C

CUSTOMER **Red Oak Energy** WELL NO. **1-19** LEASE **GreenTrust** JOB TYPE **Long String DV** TICKET NO. **634975**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1900							called out
	0000							on loc circulating waiting on casing to arrive
	0815							Run casing,
	1132							Hook Iron To circulate
	1137							circulating to Pit
	1227							Hook To Truck
	1229	3	10				0-70	Pump mud flush
	1232	6	32				70-300	Pump Cement 1st Stage
	1237							shut down wash lines
	1240	6	80				0-300	Pump Displacement (water)
	1253	6	44				300-400	Pump Displacement (mud)
	1300						400-900	Plug Landed Float Held
	1308							Drop Tool opening Device
	1325						0-650	Open DV Tool
	X							Hook To Rig Pump
								2nd Stage
	1800							Hook iron To Truck
	1807	1	2					Plug Rat Hole
	1811	6	94				0-200	Pump Cement
	1827	3	11				200	Pump Tail Cement
	1835							Shut Down Drop Plug
	1837	5	40				0-300	Pump Displacement
	1855		6				300-500	Slow Rate Bump plug
	1856						500-1500	Close DV Tool

ORIGINAL

RECEIVED STATE CORPORATION COMMISSION

FEB 10 1995

CONSERVATION DIVISION WICHITA, KANSAS