

ORIGINAL

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

API NO. 15- 185-22,816-0000

County Stafford
60'S
NE SW NW Sec. 20 Twp. 22s Rge. 12 X E W

Operator: License # 3581

3570' Feet from SXX (circle one) Line of Section

Name: Red Oak Energy, Inc.

4290' Feet from E/W (circle one) Line of Section

Address 200 W. Douglas

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

Suite 510

Lease Name Krankenber Well # 3-20

City/State/Zip Wichita, Kansas 67202

Field Name Krankenber

Purchaser: Farmland

Producing Formation Arbuckle

Operator Contact Person: Kevin C. Davis

Elevation: Ground 1870' KB 1875'

Phone (316) 265-9925

Total Depth 3748' PBDT

Contractor: Name: Allen Drilling Inc.

Amount of Surface Pipe Set and Cemented at 664 Feet

License: 5418

Multiple Stage Cementing Collar Used? Yes X No

Wellsite Geologist: Scott Banks

If yes, show depth set _____ Feet

Designate Type of Completion

XX New Well _____ Re-Entry _____ Workover

If Alternate II completion, cement circulated from _____

XX Oil _____ SWD _____ SIOW _____ Temp. Abd.

feet depth to _____ w/ _____ sx cmt.

_____ Gas _____ ENHR _____ SIGW

Drilling Fluid Management Plan _____ RTI
(Data must be collected from the Reserve Pit)

_____ Dry _____ Other (Corr, WSW, Expl., Cathodic, etc)

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

Chloride content _____ ppm Fluid volume _____ bbls

Operator: _____

Dewatering method used Pulled 240 bbls free water
off reserve pit

Well Name: _____

Location of fluid disposal if hauled offsite:

Comp. Date _____ Old Total Depth _____

Operator Name Bob's Oil Service

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD

_____ Plug Back _____ PBDT

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Inj?) _____ Docket No. _____

Lease Name Tiechman SWD License No. 30610

11-29-91 12-06-91 12-18-91

SW Quarter Sec. 16 Twp. 22 S Rng. 12 XX E W

Spud Date Date Reached TD Completion Date

County Stafford Docket No. 23-7222

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 details). One copy of all wireline logs and geologist well report shall be attached with this form. 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 Kevin C. Davis

Title President Date 3/29/92

Subscribed and sworn to before me this 29th day of March

19 92.

Notary Public Martha C. Nussbaum

Date February 19, 1994

MARTHA C. NUSSBAUM
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 2-19-94

RECEIVED
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KS
MAY 11 1992
5-11-92
K.C.C. OFFICE USE ONLY
F _____ Letter of Understanding Attached
C ✓ Wireline Log Received
C _____ Geologist Report Received
Distribution
✓ KCC _____ SWD/Rep _____ NGPA
_____ KGS _____ Plug _____ Other
(Specify)

Operator Name Red Oak Energy, Inc. Lease Name Krankenbergr Well # 3-20,

Sec. 20 Twp. 22s Rge. 12 East County Stafford

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:

Dual Induction Laterolog
Compensated Density Dual Spaced
Neutron Log
Computer Analyzed Log

Name	Formation (Top), Depth and Datums		Sample
	Top	Datum	
Anhydrite	668'	+1207	
Heebner	3191'	-1317	
Brown Lime	3328'	-1453	
B/KC	3568'	-1693	
Viola	3634'	-1759	
Simpson	3682'	-1807	
Arbuckle	3740'	-1865	

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"	23#	664	60-40 Pos	340	
Production	7 7/8"	5 1/2"	14#	3744	60-40 Pos	160	10% Salt, Halad. 322

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
Open Hole			Natural	3744'

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	3736'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. December 19, 1991 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20		20		

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

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

Production Interval

ORIGINAL

15-185-22816-0000

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KANSAS CORPORATION COMMISSION

MAY 11 1992

CONSERVATION DIVISION
WICHITA, KS

RED OAK ENERGY, INC.
200 W. DOUGLAS, SUITE 510
WICHITA, KANSAS 67202-3005
316-265-9925

KRANKENBERG #3-20
60' NE SW NW SECTION 20-T22S-R12W
STAFFORD COUNTY, KANSAS

12-02-91 DST #1 3368-80' ("B" ZONE)
30-30" 45-60"
Initial flow: Weak blow building to strong blow
in 2". Final flow: Strong blow throughout.
RECOVERED 360' GAS IN PIPE
10' MUD WITH SCUM OIL
IH 1692 FH 1672
IFP 20-20 FFP 20-20
ISIP 520# FSIP 738#
BHT 101

12-03-91 8:00 AM DEPTH 3412' Operation: DST #2
DST #2 3382-3412' ("C -D-E" ZONES)
30-45" 60-60"
Initial flow: Strong blow in 1". Final flow: Strong
blow, gas to surface in 45". To small to measure.
RECOVERED 80' O&GCM (11% oil, 12% gas, 2% water,
70% mud)
120' O&GCM (12% oil, 31% gas, 4% water,
50% mud)
180' O&GCMW (12% oil, 35% gas, 12% mud,
41% water)
180' SOCW (2% oil, 5% gas, 90% water)
420' Water
Chlorides 74,000 IH 1704 FH 1682
IFP 93-187 FFP 293-468

ISIP 1246# FSIP 1215#
BHT 104
DRILLING AT 3432' AT 2:30 PM

12-04-91 DST #3 3470-3510' ("H & I")
30-45" 45-60"
RECOVERED 1390' GIP
50' HO&GCM(20% oil, 28% gas, 52% mud)

IFP 31-31 FFP 41-41

#3-20 KRANKENBERG
DAILY REPORT

12-04-91 DST #3 CON'T
ISIP 239# FSIP 270#

12-05-91 DST #4 3508-3550' ("J & K")
30-30" 30-30"
RECOVERED 150' GIP
30' SO&GCM (2% oil, 3% gas, 95% mud)
IFP 41-41 FFP 41-41
ISIP 145 FSIP 104.

DST #5 3600'-3650' (VIOLA)
30-45" 45-60"

ORIGINAL

15-185-22816-0000

IFP 31-31 FFP 41-41

#3-20 KRANKENBERG
DAILY REPORT

12-04-91 DST #3 CON'T
ISIP 239# FSIP 270#

12-05-91 DST #4 3508-3550' ("J & K")
30-30" 30-30"
RECOVERED 150' GIP
30' SO&GCM (2% oil, 3% gas, 95% mud)
IFP 41-41 FFP 41-41
ISIP 145 FSIP 104

DST #5 3600'-3650' (VIOLA)
30-45" 45-60"
Gas to surface to small to measure on 2nd opening.

RECOVERED 10' SOCM (3% oil, 97% mud)
60' MGO (25% oil, 36% gas, 7% water, 22%
mud)
180' SMO (7% gas, 7% water, 84% oil)
Oil Gravity 39
Chlorides 13,000. Had plugging during
both flow periods.
IFP 83-104 FFP 197-239
ISIP 1205 FSIP 1205

12-06-91 DST #6 3714-3744 (Arbuckle)
30-30" 30-30"
RECOVERED 5' MUD
IFP 31-31 FFP 31-31
ISIP 31 FSIP 31

DST #7 3714'-3749' (Arbuckle)
30-45" 45-60"
RECOVERED 555' GIP
645' CLEAN OIL
120' MGO (15% mud, 15% gas, 70% oil)
Oil Gravity 31
IFP 83-166 FFP 187-312
ISIP 1246 FSIP 1246
BHT 104

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KANSAS CORPORATION COMMISSION

MAY 11 1992

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

HALLIBURTON SERVICES

NO. 197245-4

A Division of Halliburton Company

15-185-22816-0000

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME <i>J-26 Krawinkelberg</i>		COUNTY <i>Stafford</i>	STATE <i>KS</i>	CITY / OFFSHORE LOCATION	DATE <i>12-6-91</i>
CHARGE TO <i>Kodak Energy Inc</i>		OWNER <i>Scire</i>		TICKET TYPE (CHECK ONE) SERVICE <input type="checkbox"/> SALES <input type="checkbox"/>	NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR <i>Allen Drlg</i>		LOCATION <i>1 - Head Base</i>	CODE <i>25520</i>
CITY, STATE, ZIP		FREIGHT CHARGES SHIPPED VIA <i>3372</i> <input type="checkbox"/> PFD <input type="checkbox"/> COLLECT		LOCATION <i>2</i>	CODE
WELL TYPE <i>01</i>	WELL CATEGORY <i>01</i>	WELL PERMIT NO.	DELIVERED TO <i>Location</i>	LOCATION <i>3</i>	CODE
TYPE AND PURPOSE OF JOB <i>235</i>		<i>B-</i>	ORDER NO.	REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Payment payable NET by the 25th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state whose services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any case of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-117				MILEAGE	20	miles				52 -
001-016				PUMP CHG			3243	FT		1240 -
018-317			123911	Super flush	10	SK			.87	870 -
80	855-137		123912	Nexher show	1	5 1/2				2504 -
82	855-02548		123913	Full up unit	1	1			45 ⁰⁰	45 -
40	862-94024		123914	Controlizers	6	5 1/2			44 ⁰⁰	264 -
350	890-10812		1 NIS	Howco weld.	1	1 1/4			11 ⁵⁰	11 50
320	800-8883		123915	Cement Basket	1	5 1/2			90 ⁰⁰	90 -

NOT THIS IS AN INVOICE

RECEIVED
 KANSAS CORPORATION COMMISSION
 MAY 1 1992
 CONSERVATION DIVISION
 WICHITA, KS

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-998318**

WAS JOB SATISFACTORILY COMPLETED?
 WAS OPERATION OF EQUIPMENT SATISFACTORY?
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY?

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

CUSTOMER OR HIS AGENT (PLEASE PRINT)
 CUSTOMER OR HIS AGENT (SIGNATURE)

T Henry
 HALLIBURTON OPERATOR
 APPROVAL

SUB TOTAL

2204 26
 TOXO TE
 APPLICABLE TAXES WILL BE ADDED ON INVOICE.

CUSTOMER

ORIGINAL AND
TICKET CONTINUATION

FOR INVOICE AND
TICKET NO. 197245

15-185-22816-0000

DATE 12-6-91	CUSTOMER ORDER NO.	WELL NO. AND FARM Krankenbergr #3	COUNTY Stafford	STATE Ks.
CHARGE TO Red Oak Energy Incorporated		OWNER Red Oak Energy Inc.	CONTRACTOR Allen Drlg.	No. B 978378
MAILING ADDRESS		DELIVERED FROM Great Bend, Ks.	LOCATION CODE 25520	PREPARED BY S.C Henry
CITY & STATE		DELIVERED TO Location	TRUCK NO. 0513	RECEIVED BY <i>[Signature]</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
				160 40% Pozmix/60% Cement						
504-308	516.00261	1	B	Standard Cement	96	sk			5.35	513.60
506-105	516.00286	1	B	Pozmix A	64	sk			3.29	210.56
506-121	516.00259	1	B	3 Halliburton gel 2% Allowed						NC
509-968	516.00315	1	B	Salt Blended 10%w/160	800	lb.			.10	80.00
509-968	516.00158	1	B	Salt not mixed	400	lb.			.10	40.00
508-292	70.155573	1	B	Gilsonite Blended 5%w/160	400	lb.			.47	188.00
507-775	516.00144	1	B	Halad-322 Blended .75%w/160	103	lb.			6.15	633.45

THIS IS NOT AN INVOICE

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KANSAS CORPORATION COMMISSION
MAY 11 1992
CONSERVATION DIVISION
WICHITA, KS

		Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES		
		SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET		
500-207	1	B	SERVICE CHARGE		CU. FEET 185	1.15	212.75
500-306	1	B	Mileage Charge	15,738 TOTAL WEIGHT	20 LOADED MILES	157.38 TON MILES	.80
No. B 978378		CARRY FORWARD TO INVOICE				SUB-TOTAL	2004.26

FORM 1811 - R6 REV. 8-85

CUSTOMER

DISTRICT Heartland

DATE 12-7-91

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

WELL NO. 3-2 LEASE Brackenburg SEC. 20 TWP. 22 RANGE 12

FIELD _____ COUNTY Stafford STATE Ks OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____ FROM _____ TO _____ Packer: TYPE _____ SET AT _____ TOTAL DEPTH _____ MUD WEIGHT _____ BORE HOLE _____ INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>N</u>	<u>14</u>	<u>5 1/2</u>	<u>0</u>	<u>3740</u>	<u>TD</u>
LINER						
TUBING						
OPEN HOLE			<u>7 7/8</u>	<u>3043</u>	<u>47</u>	<u>SHOTS/FT.</u>
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

RECEIVED KANSAS CORPORATION COMMISSION

Cement Plug String

MAY 11 1992

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

CONSERVATION DIVISION WICHITA, KS

- As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
 - b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for
 1. Damage to property owned by, in the possession of, or leased-by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
 - c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
 - d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
 - e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
 - f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
 - g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
 - h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT

SIGNED [Signature] CUSTOMER

DATE 12-6-91

TIME 1950

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

CUSTOMER

ORIGINAL

WELL DATA

FIELD 36 TWP. 27 RING 17 COUNTY Stafford 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			5 1/2			
LINER						
TUBING						
OPEN HOLE						SHOT/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
12-6-91	12-6-91	12-6	12-6-91
TIME 0930	TIME 0846	TIME 0730	TIME 1400

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE	1	HOWCO
CENTRALIZERS	6	HOWCO
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER Cement Basket	1	Howco

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO & TYPE	LOCATION
T. Henry		
E. Hancock	9842	25520

RECEIVED

KANSAS CORPORATION COMMISSION

MAY 11 1992

CONSERVATION DIVISION WICHITA, KS

DEPARTMENT Cement

DESCRIPTION OF JOB Set Production Strings

JOB DONE THRU TUBING CASING ANNULUS TBG/ANN

CUSTOMER REPRESENTATIVE X [Signature]

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED 1

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CUFT/SK	MIXED LBS/GAL
1	1805	40/60	Pozmix	2	1020 salt .25% Haled 322		
2	25	40/60	Pozmix	3	1020 salt .25% Haled 322 5# 21/5K		

PRESSURES IN PSI

SUMMARY

CIRCULATING _____ DISPLACEMENT _____ PREFLUSH BBL-GAL 10220211 TYPE 10 sup. flush 30

BREAKDOWN _____ MAXIMUM _____ LOAD & BRD: BBL-GAL _____ PAD BBL-GAL _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT BBL-GAL _____ DISPL BBL-GAL 91

SHUT-IN INSTANT _____ 3-MIN _____ 15-MIN _____ CEMENT SLURRY BBL-GAL 3519

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME BBL-GAL _____

ORDERED _____ AVAILABLE _____ USED _____ AVERAGE RATES IN BPM _____

TREATING _____ DIEPL _____ OVERALL _____ CEMENT LEFT IN PIPE _____

FLEET _____ REASON _____

REMARKS _____

CUSTOMER: Red Oak Energy, Inc. well track number 15-185-22816-0000
JOB TYPE: Cement Production Strings 12-6-91

JOB LOG

ORIGINAL

CUSTOMER Mediak Energy PAGE NO. _____

JOB TYPE Production String DATE 12-7-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1900							Called Out 12-6-91
	2000							On Location 12-6-91
	2330							Break Circulation 12-6-91
	0016						1450	Set Packer Shoe 12-7-91
	0017	6	20				400	Run Salt Flush
	0020	6	3				400	Run H2O Spacer
	0021	6	10				400	Run Super Flush
	0023	6	3				400	Run H2O Spacer
	0025	1						Plug Rathole w/ 10 sds
	0030	5 1/2	3				300	Start mixing cement down 5 1/2
	0037		35				300	Finish mixing
	0040							Clear Lines & Release Plug
	0042	8	0				200	Start Displacement
	0044		91				1250	Plug Down
	0045							Release Plug Hold
	0050							Job Complete
								Thank You!
								PAE
								Shawn
								WETA

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KANSAS CORPORATION COMMISSION
MAY 11 1992

CONSERVATION DIVISION
WICHITA, KS