

ORIGINAL SIDE ONE

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

API NO. 15- 175-21,154 "00-00

County Seward  
150 E & 150' N  
C NE NE Sec. 30 Twp. 34 Rge. 34  East  
 West

Operator: License # 5941

4,770 Ft. North from Southeast Corner of Section

Name: Rosel Energy, Inc.

510 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Address 330 S. Clay, PO Box 1068

Lease Name Woodman Well # C-3

City/State/Zip Liberal, KS 67901

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

Purchaser: Oklahoma Gas Pipeline

Producing Formation Chester

Operator Contact Person: George D. Rosel

Elevation: Ground 2944' KB 2956'

Phone ( 316 ) 624-4994

Total Depth 6700' PBDT 6385'

Contractor: Name: Murfin Drilling Co., Inc

License: 30606

Wellsite Geologist: George D. Rosel

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Completion

Dry  Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

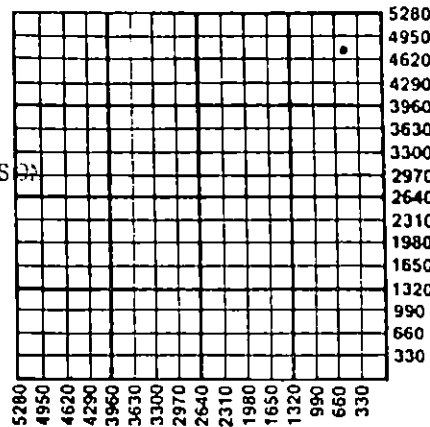
01-19-91 01-31-91 02-14-91

Spud Date Date Reached TD Completion Date

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STATE CORPORATION COMMISSION

MAR 13 1991

CONSERVATION DIVISION  
a. Kansas



Amount of Surface Pipe Set and Cemented at 1653 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 3248 Feet

If Alternate II completion, cement circulated from 1653

feet depth to surface w/ 700 sx cmt.

**INSTRUCTIONS:** This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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]

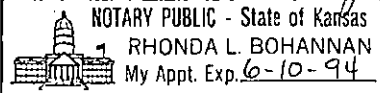
Title George D. Rosel, President Date 3/12/91

Subscribed and sworn to before me this 12th day of March, 19 91.

Notary Public Rhonda L. Bohannon

Date Commission Expires June 10, 1994

**K.C.C. OFFICE USE ONLY**  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)



SIDE TWO

Operator Name Rosel Energy, Inc. Lease Name Woodman Well # C-3  
 Sec. 30 Twp. 34 Rge. 34  East  West  
 County Seward

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.)	<p style="text-align: center;"><b>Formation Description</b></p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr><td>Heebner Shale</td><td>4282</td><td>4303</td></tr> <tr><td>Toronto</td><td>4303</td><td>4402</td></tr> <tr><td>Lansing/KC</td><td>4402</td><td>5142</td></tr> <tr><td>Marmaton</td><td>5142</td><td>5824</td></tr> <tr><td>Morrow Shale</td><td>5824</td><td>6180</td></tr> <tr><td>Chester/Lime</td><td>6180</td><td>6444</td></tr> <tr><td>St Genevieve</td><td>6444</td><td>RTD 6700</td></tr> </tbody> </table>	Name	Top	Bottom	Heebner Shale	4282	4303	Toronto	4303	4402	Lansing/KC	4402	5142	Marmaton	5142	5824	Morrow Shale	5824	6180	Chester/Lime	6180	6444	St Genevieve	6444	RTD 6700
Name	Top	Bottom																							
Heebner Shale	4282	4303																							
Toronto	4303	4402																							
Lansing/KC	4402	5142																							
Marmaton	5142	5824																							
Morrow Shale	5824	6180																							
Chester/Lime	6180	6444																							
St Genevieve	6444	RTD 6700																							

CASING RECORD <input checked="" 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"		1653	Lite	500	3%cc
Production		4 1/2		6385	Common ThickSet	150	3%cc
			DV	3248	50/50 Poz	210	5%KCL
						350	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
2	6182-6194			200 gals 20%, 5000 gals			
1	6146-6150			20%, 50 ball sealers,			
1	6127-6137			flush w/ 600 gals KCL			at perf
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
194 joints	Size 2 3/8	Set At	Packer At 6069				
Date of First Production		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
2/20/91							
Estimated Production Per 24 Hours		Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
			300	5			

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

**METHOD OF COMPLETION**

Open Hole  Perforation  Dually Completed  Conmingle

Other (Specify) \_\_\_\_\_

Production Interval 6137-6182

WELL DATA  
FIELD \_\_\_\_\_ SEC. 30 TWP. 31S RNG. 34W COUNTY SEMINOLA 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 2700

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	11.6	7.5	NB	6397	
LINER						
TUBING						
OPEN HOLE			7 7/8	8 3/8	5700	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**JOB DATA**

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
FLOAT COLLAR		Howco
FOOT SHOE FAS-SEIP	4 1/2	1
GUIDE SHOE FORA PKR.	4 1/2	1
CENTRALIZERS S-1	4 1/2	12
BOTTOM PLUG LD	4 1/2	1
TOP PLUG SET DV	4 1/2	1
HEAD RASPLELD	4 1/2	1
PACKER DV TOOL	4 1/2	1
OTHER RASSETS	4 1/2	2

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 2-1	DATE 2-1	DATE 2-1	DATE 2-1
TIME 0700	TIME 1000	TIME 1530	TIME 2200

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
Kinsinger	21373	32458 L. REESE
Poyler	4R120	75416 "
Myers		7620 4268700
WATERBURY	RECEIVED	6610 "
STATE GOVERNMENT COMMISSION		
MAR 13 1991		

**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. \_\_\_\_\_ IN.  
PERFPAC BALLS TYPE \_\_\_\_\_  
OTHER 10 SK SUPERCRUS 4 1 1/2 WELD-A  
OTHER 2 SK CLA-FIX II

DEPARTMENT Cement  
DESCRIPTION OF JOB 1st STAGE - 210 SK THIXSET H W  
5th SK - 2ND STAGE - 350 SK 50/50 102 W/  
WATERBURY, 1/2 SALT, 1/2 FLOCC

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.   
CUSTOMER REPRESENTATIVE X Dave Mitchell  
HALLIBURTON OPERATOR Kinsinger COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK	MIXED LBS./GAL.
1	210	THIXSET H		B	50 KCL	1.41	14.5
2	350	50/50 POZ H		B	1/2 ANION, 1/2 SALT, 1/2 FLOCC	1.33	13.8

**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 44' REASON SHUT DOWN

**SUMMARY**

VOLUMES  
PRESLUSH: BBL-GAL. 20 BBL 270 KCL TYPE 10 BBL SUPERCRUS 4  
LOAD & BKDN: BBL-GAL. \_\_\_\_\_ PAD: BBL-GAL. \_\_\_\_\_  
TREATMENT: BBL-GAL. \_\_\_\_\_ DISPL: BBL-GAL. 985/50  
CEMENT SLURRY: BBL-GAL. 1ST 53 2ND 84  
TOTAL VOLUME: BBL-GAL. \_\_\_\_\_

**REMARKS**

DV TOOL @ 3248  
LOST DRG. AFTER DROPPING PUMP ON SECOND STAGE

CUSTOMER  
L. REESE  
LEASE  
OKIA-HMA  
WELL NO.  
1-3  
JOB TYPE  
4 1/2 IN  
DATE 2-1-91



**BULK MATERIALS DELIVERY  
AND  
TICKET CONTINUATION**

**ORIGINAL**  
FOR INVOICE AND  
TICKET NO. 092354

DATE 2-1-91	CUSTOMER ORDER NO.	WELL NO. AND FARM Woodman C-3	COUNTY Stevens	STATE Ks.
CHARGE TO Rosel Energy Inc		OWNER	CONTRACTOR	No. <b>B 907141</b>
MAILING ADDRESS		DELIVERED FROM Hugoton, Ks.	LOCATION CODE 25535	PREPARED BY Neal
CITY & STATE		DELIVERED TO Loc. SE Hugoton, Ks.	TRUCK NO.	RECEIVED BY KINSINGER

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
504-043	516.00272	2	B	Premium Cement	210	sk			6.85	1438	50
508-002	70.15302	2	B	Potassium Chloride	450	lbs			.25	112	50
508-101	70.15437	2	B	Thixset A	198	lbs			5.35	1059	30
508-103	70.15299	2	B	Thixset B	50	lbs			8.15	407	50
RECEIVED STATE CORPORATION COMMISSION MAR 13 1991 CONSERVATION DIVISION Wichita, Kansas											
				350 cf 50/50 Pozmix							
504-043	516.00272	2	B	Premium Cement	175	sk			6.85	1198	75
506-105	516.00286	2	B	Pozmix A	175	sk			3.91	684	25
506-121	516.00259	2	B	Halliburton Gel	6	sk					NC
507-661	516.00003	2	B	Halad 4	120	lbs			7.50	900	00
507-210	890.50071	2	B	Flocele	88	lbs			1.30	114	40
509-968	516.00315	2	B	Salt	1676	lbs			.10	167	60
500-307		2	B	Mileage Surcharge	624.86				.10	62	49
				Returned Mileage Charge							
				TOTAL WEIGHT		LOADED MILES		TON MILES			
				SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET			
500-207		2B		SERVICE CHARGE				CU. FEET 590	1.10	649	00
500-306		2B		Mileage Charge	52.072	24		CU. FEET 624.86	.75	468	64
				TOTAL WEIGHT		LOADED MILES		TON MILES			
No. <b>B907141</b>	CARRY FORWARD TO INVOICE							SUB-TOTAL		<b>7262.93</b>	

**HALLIBURTON SERVICES**  
**JOB LOG**

WF NO. 0.3 LEASE WOODMAN TICKET NO. 093354  
 CUSTOMER ROSEL ENERGY INC. PAGE NO. 1  
 JOB TYPE 1/2 15 DV ORIGINAL DATE 2-1-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							Called
	1000							On location LDC. - Rig up
	1100							Pull BOP.
	1200							Run 1/2 15G
	1530							Drop Ball for Full up Assy 1
	1535							Hook up to Circ. MUD
	1540					600/1000		Circulating
	1620							Shift down. Drop Ball to set PRR
	1630					1200/300		Tool opened
	1635	3	10		✓	300		Pump 10884 270 KCL
	1639	3	10		✓	300		Pump 10884 Superflush
	1642	3	10		✓	300		Pump 10884 270 KCL
	1645	6	53		✓	350		Pump Slurry Mixed @ 14.5 PPG
	1653							Slurry in. Shift down to Drop Plug & Washup
	1656	4			✓	50		Displace Slurry
	1708	2	90		✓	500/300		Slow Rate
	1712		99		✓	450/100		Plug down - Release Pres. - Full Accel
	1715							Drop casing device
	1730					1500/10		Open DV Tool - Hook up to Rig & Circ
	2030							3 hr Hook up to Cement Line
	2034	6	84		✓	300		Pump Slurry Mixed @ 13.8 PPG
	2050							Slurry in. Drop Plug & Washup
	2053	6			✓	75		Displace Slurry
	2059	1	35		✓			Slow Rate - No Circulation
	2113		50		✓	75/1000		Plug down. Tool closed @ 1000 PSI
								Release Pres - Released from location

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STATE CORPORATION COMMISSION

MAR 13 1991

CONSERVATION DIVISION  
Wichita, Kansas

P - 75496  
P - 6610  
P - 7620

CUSTOMER

**JOB LOG**

WE' O. C-3 LEASE WOODMAN TICKET NO. 093354  
 CUSTOMER ROSCOE ENERGY INC. PAGE NO. 1  
 JOB TYPE 4 1/2 15 DV DATE 2-1-91

FORM 2013 R-2

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							CALLED
	1000							ON LOCATION - LOC. - RIG UP
	1100							PULL BOP
	1200							RUN 1/2 LOG
	1530							DROP BALL FOR FILLUP ASSY 1
	1535							HOOK UP TO CIRC. MUD
	1540					600/1000		CIRCULATING
	1620							SHUT DOWN - DROP BALL TO SET PRR
	1630					1200/200		TOOL OPENED
	1635	3	10		✓	300		Pump 10884 27. KCL
	1639	3	10		✓	300		Pump 10884 SUPERPLUS
	1642	3	10		✓	300		Pump 10884 27. KCL
	1645	6	53		✓	350		Pump SURELY MIXED @ 14.5 PPG
	1653							SURELY IN - SHUT DOWN TO DROP PUMP & WASHUP
	1656	6			✓	50		DISPLACE SURELY
	1708	2	90		✓	500/200		SEW RATE
	1712		99		✓	450/100		PUMP DOWN - RELEASE PRES. - PUMP HOLD
	1715							DROP OPENING DEGREE
	1730					1500/0		OPEN DV TOOL - HOOK UP TO RIG & CIRC
	2020					3 HR		HOOK UP TO CASING LINE
	2034	6	84		✓	300		Pump SURELY MIXED @ 13.8 PPG
	2050							SURELY IN - DROP PUMP & WASHUP
	2053	6			✓	75		DISPLACE SURELY
	2059	1	35		✓			SEW RATE - NO CIRCULATING
	2113		50		-	25/1000		PUMP DOWN - TOOL CLOSED @ 100 PSI
								RELEASE PRES -
								RELEASED FROM LOCATION

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 STATE CORPORATION COMMISSION  
 MAR 13 1991  
 CONSERVATION DIVISION  
 Wichita, Kansas

P - 75476  
 P - 6610  
 P - 7620

CUSTOMER





TICKET

PAGE 1 OF 1 PAGES

HALLIBURTON SERVICES  
Duncan, Oklahoma 73538

ORIGINAL

NO. 093354-8

A Division of Halliburton Company

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME <i>Woodrow 23</i>		COUNTY <i>SEWARD</i>	STATE <i>Ks</i>	CITY / OFFSHORE LOCATION	DATE <i>2-1-91</i>
CHARGE TO <i>Rose Energy Inc.</i>		OWNER <i>Same</i>	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR <i>M. Dean Dole</i>	LOCATION <i>1 Liberal</i>		CODE <i>25540</i>
CITY, STATE, ZIP		SHIPPED VIA <i>Union</i>	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	LOCATION <i>2 Liberal</i>	
WELL TYPE <i>01</i>	WELL CATEGORY <i>01</i>	WELL PERMIT NO.	DELIVERED TO <i>Liberal</i>	LOCATION <i>3 Liberal</i>	
TYPE AND PURPOSE OF JOB <i>035</i>		ORDER NO. <i>B- 907141</i>	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. Invoices 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 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 where 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 exclusion remedy in any action 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			
<i>000-117</i>		<i>1</i>		MILEAGE	<i>8</i>	<i>mi</i>			<i>2.35</i>	<i>18</i>	<i>00</i>
<i>000-112</i>				MILEAGE SURCHARGE	<i>5</i>	<i>mi</i>			<i>.40</i>	<i>3</i>	<i>20</i>
<i>007-213</i>				1 <sup>ST</sup> STAGE Pumping Serv.	<i>8</i>	<i>hr</i>	<i>6385</i>	<i>'</i>		<i>1475</i>	<i>00</i>
<i>007-161</i>				2 <sup>ND</sup> STAGE Pumping Service			<i>3248</i>	<i>'</i>		<i>950</i>	<i>00</i>
<i>018-317</i>				SUPER-FIX II	<i>12</i>	<i>5K</i>			<i>74.00</i>	<i>740</i>	<i>00</i>
<i>218-738</i>				CLA-FIX II	<i>2</i>	<i>6AL</i>			<i>20.00</i>	<i>40</i>	<i>00</i>
<i>80</i>	<i>855.128</i>			FARM Packer Sizer	<i>1</i>	<i>EA</i>		<i>4 1/2"</i>		<i>2300</i>	<i>00</i>
<i>71</i>	<i>813.80100</i>			DV Tool	<i>1</i>	<i>EA</i>		<i>4 1/2"</i>		<i>2350</i>	<i>00</i>
<i>75</i>	<i>812.5112</i>			DV Pull Set	<i>1</i>	<i>EA</i>		<i>4 1/2"</i>		<i>330</i>	<i>00</i>
<i>40</i>	<i>807.93004</i>			LONGALICES	<i>12</i>	<i>EA</i>		<i>4 1/2"</i>	<i>41.00</i>	<i>492</i>	<i>00</i>
<i>66</i>	<i>807.64021</i>			TAS GRIP	<i>1</i>	<i>EA</i>		<i>4 1/2"</i>		<i>9</i>	<i>60</i>
<i>320</i>	<i>800.8881</i>			BASKETS	<i>2</i>	<i>EA</i>		<i>4 1/2"</i>	<i>85.00</i>	<i>170</i>	<i>00</i>
<i>575</i>	<i>812.0175</i>			DV Latex Down Plug	<i>1</i>	<i>EA</i>		<i>4 1/2"</i>		<i>234</i>	<i>00</i>
<i>574</i>	<i>801.03734</i>			LD BARGE	<i>1</i>	<i>EA</i>		<i>4 1/2"</i>		<i>100</i>	<i>00</i>
<i>350</i>	<i>870.10802</i>			WELD-A	<i>1</i>	<i>EA</i>			<i>11.00</i>	<i>11</i>	<i>00</i>

RECEIVED  
STATE CORPORATION COMMISSION  
MAR 13 1991  
CONSERVATION DIVISION  
Wichita, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B- 907141** 7262 93

WAS JOB SATISFACTORILY COMPLETED? \_\_\_\_\_

WAS OPERATION OF EQUIPMENT SATISFACTORY? \_\_\_\_\_

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? \_\_\_\_\_

X *David M. Hill*  
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X *David M. Hill*  
CUSTOMER OR HIS AGENT (SIGNATURE)

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.

*David M. Hill*  
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL \_\_\_\_\_

CUSTOMER

SUB TOTAL *16,456.53*  
APPLICABLE TAXES WILL BE ADDED ON INVOICE.

WORK ORDER CONTRACT  
AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 093354

FORM 1908 R-7

A Division of Halliburton Company

DISTRICT LIBERAL

DATE 2-1-91  
**ORIGINAL**

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

WELL NO. C-3 LEASE WOODMAN SEC. 30 TWP. 34S RANGE 24W

FIELD \_\_\_\_\_ COUNTY SEWARD STATE KS OWNED BY ROSEL ENERGY

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
PACKER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
TOTAL DEPTH \_\_\_\_\_ MUD WEIGHT \_\_\_\_\_  
BORE HOLE \_\_\_\_\_  
INITIAL PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF  
PRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	N	11.6	4.5	KS	6397	
LINER						
TUBING						
OPEN HOLE			7 7/8	8 5/8	6700	SHOTS/FT.
PERFORATIONS			DU Tool @		RECEIVED 3248	
PERFORATIONS					STATE CORPORATION COMMISSION	
PERFORATIONS						

MAR 13 1991

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

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

1<sup>ST</sup> STAGE - PUMP 10 BBL 2% KCL WATER - 10 BBL SUPERFLUSH - 10 BBL 2% KCL WATER - CEMENT 4 1/2 CSK W/ 2 1/2" SK THINSET "H" W/ 5% KCL, DISPLACE W/ WATER & MUD.  
2<sup>ND</sup> STAGE - CEMENT 4 1/2 CSK W/ 350 SK 50/50 P22 "H" 10% HALAD-4, 10% SALT - DISPL. W/ H<sub>2</sub>O

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

- As consideration, the above-named Customer agrees. THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- 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.
  - 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:
    - 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.
    - Reservoir formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
    - 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 Section 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.
  - 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.
  - 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.
  - 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.
  - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
  - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
  - 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 Dave Mitchell CUSTOMER

DATE 2-1-90

TIME 1030 A.M. P.M.

I 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