

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

00-00
ORIGINAL

API NO. 15- 189-21661

County STEVENS

S/2 - NE - NW - Sec. 7 Twp. 34 Rge. 37 X ^E _W

4030 Feet from (S) N (circle one) Line of Section

3300 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 DUNNE-HOFFMANN Well # L-2

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3165 KB 3173

Total Depth 3101 PBD 3050

Amount of Surface Pipe Set and Cemented at 690 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ ex cat.

Drilling Fluid Management Plan ALT 1 JZ 5-19-95
(Data must be collected from the Reserve Pit)

Chloride content 4000 ppm Fluid volume 2000 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 9262

Name: LOWRY EXPLORATION, INC

Address P O BOX 1847

City/State/Zip LIBERAL, KS 67905-1847

Purchaser: _____

Operator Contact Person: NED E LOWRY

Phone (316) 624-8141

Contractor: Name: GABBERT-JONES

License: 5842

Wellsite Geologist: N/A

Designate Type of Completion
X New Well _____ Re-Entry _____ Workover _____

_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.
X Gas _____ ENHR _____ SIGW
_____ Dry _____ Other (Core, MSW, Expl., Cathodic, etc)

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD
_____ Plug Back _____ PBD
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

6-23-94 6-27-94 10-13-94
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.

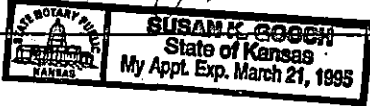
Signature Ned E Lowry

Title President Date 10/19/94

Subscribed and sworn to before me this 19th day of October, 1994.

Notary Public Susan Z. Groch

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C _____ Geologist Report Received
OCT 20 1994
STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS
Distribution: KCC SWD/Rep NGPK Other
 KGS Plug

Operator Name LOWLY Exploration, Inc.

Lease Name Dunne-Hoffmann

Well # L-2

Sec. 7 Twp. 34S Rge. 37W

East
 West

County Stevens

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Herrington	2622	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Krider	2654	
List All E.Logs Run:		Winfield	2712	
Dual Induction		Towanda	2778	
Comp Neutron-Litho-Density		Ft. Riley	2830	
		Florence	2893	
		Wreford	2918	

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 pipe	12-1/4	8-5/8	24#	690'	Halco Premium	340	2% CC
Long string	7-7/8	5-1/2	15.5#	3099'	Halco Premium	400	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 TD				
<input type="checkbox"/> Plug Off Zone				

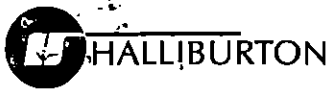
Shots Per Foot:	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
4	2626-32, 2656-95, 2714-42, 2778-2815, 2830-65, 2893-2902, 2920-38	3000 ga. 15% acid, 60,000 gal 60,000 gal GFW and 350,000# sand

TUBING RECORD	Size <u>N/A</u>	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Resumed Production, SWD or Inj.	<u>9-13-94</u>	Producing Method	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil <u>0</u> Bbls.	Gas <u>600</u> Mcf	Water <u>0</u> Bbls.	Gas-Oil Ratio <u> </u> Gravity <u> </u>

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

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

Production Interval: 2626-2938



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATIONMid-Continent
Liberal

BILLED ON TICKET NO. 677500

WELL DATA

FIELD: _____ SEC. 7 TWP. 34S RING. 37W COUNTY. Stevens STATE. KANSAS

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>15.5</u>	<u>5 7/8</u>	<u>0</u>	<u>3100</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>Reg 5 1/2</u>	<u>1</u>	<u>Hallib.</u>
CENTRALIZERS <u>5-1/2 5 1/2</u>		
BOTTOM PLUG		
TOP PLUG <u>SW 5 1/2</u>	<u>1</u>	
HEAD		
PACKER		
OTHER <u>Insert Fit 5 1/2</u>	<u>1</u>	

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>6-27-94</u>	DATE <u>6-27-94</u>	DATE <u>6-27-94</u>	DATE <u>6-27-94</u>
TIME <u>03:00</u>	TIME <u>05:40</u>	TIME <u>09:55</u>	TIME <u>10:45</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>K. Boone</u>	<u>47841</u>	<u>40076</u>
<u>D. Neisert</u>	<u>F1591</u>	<u>52823</u>
<u>D. Hamilton</u>	<u>63090</u>	<u>75374</u>
<u>D. Maniava</u>	<u>G1730</u>	<u>4673</u>
		<u>4515</u>
		<u>51894</u>
		<u>6611</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. _____ IN
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT Cement
 DESCRIPTION OF JOB Cement 3100' of 5 7/8 casing

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

CUSTOMER REPRESENTATIVE X Ned E. Long

HALLIBURTON OPERATOR K. Boone COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>240</u>	<u>HLC</u>		<u>B</u>	<u>1/4 # Flocc</u>	<u>2.10</u>	<u>12.2</u>
	<u>160</u>	<u>Expanding</u>		<u>B</u>	<u>7 1/2 EA-2, 2 1/2 CAC, .6 1/2 Halad-302, 1 1/2 Smt</u>	<u>1.61</u>	<u>14.6</u>
					<u>1/4 # Flocc</u>		

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 45 REASON Shut In

PRESLUSH: BBL.-GAL. 20 TYPE 7W
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL. _____
 CEMENT SLURRY: BBL.-GAL. 90-46
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

RECEIVED BY STATE CORPORATION COMMISSION
 OCT 20 1994
 WILMOTA, KANSAS
 DIVISION

CUSTOMER: Lawers, Exl
 LEASE: Duane Hoffman
 WELL NO.: 1-2
 JOB TYPE: 5 7/8 4.5



HALLIBURTON

ORIGINAL

DATE 6-27-94 PAGE NO.

JOB LOG FORM 2013 R-4

CUSTOMER Lowery Expl WELL NO. L-2 LEASE Power-Hoffman JOB TYPE 5 1/2 L.S. TICKET NO. 677500

Table with columns: CHART NO., TIME, RATE (BPM), VOLUME (BBL) (GAL), PUMPS (T, C), PRESSURE (PSI) (TUBING, CASING), DESCRIPTION OF OPERATION AND MATERIALS. Includes entries for pump flu, cement, and plug down.

RECEIVED STATE CORPORATION COMMISSION OCT 20 1994 CONSERVATION DIVISION



INVOICE

ORIGINAL

INVOICE NO.	DATE
677500	06/27/1994

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
DUNNE-HOFFMAN L-2		STEVENS		KS	LOWRY EXPLORATION
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	GABBERT & JONES	CEMENT PRODUCTION CASING		06/27/1994	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
525343	NED E. LOWRY			COMPANY TRUCK	72187

LOWRY EXPL., INC.
BOX 1847
LIBERAL, KS 67901

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

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	80	MI	2.75	220.00
		1	UNT		
001-016	CEMENTING CASING	3100	FT	1,500.00	1,500.00
		1	UNT		
030-016	CEMENTING PLUG 5W ALUM TOP	5	1/2 IN	60.00	60.00 *
		1	EA		
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	121.00	121.00 *
		1	EA		
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	110.00	110.00 *
		1	EA		
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	55.00	55.00 *
		1	EA		
815.19311					
40	CENTRALIZER-5-1/2 X 8-1/2	10	EA	44.00	440.00 *
		10	EA		
806.60022					
66	CLAMP-LIMIT-5-1/2 HINGED	1	EA	12.00	12.00 *
		1	EA		
806.72030					
350	HALLIBURTON WELD-A	1	EA	14.50	14.50 *
		1	EA		
890.10802					
504-050	CEMENT - PREMIUM PLUS	160	SK	10.36	1,657.60 *
		160	SK		
504-120	CEMENT - HALL. LIGHT PREM PLUS	240	SK	9.28	2,227.20 *
		240	SK		
507-210	FLOCELE	100	LB	1.65	165.00 *
		100	LB		
507-775	HALAD-322	90	LB	7.00	630.00 *
		90	LB		
508-127	CAL SEAL 60	11	SK	25.90	284.90 *
		11	SK		
509-406	ANHYDROUS CALCIUM CHLORIDE	3	SK	36.75	110.25 *
		3	SK		
509-968	SALT	1519	LB	.15	227.85 *
		1519	LB		
500-207	BULK SERVICE CHARGE	449	CFT	1.33	606.15 *
		449	CFT		
500-306	MILEAGE CMTG MAT DEL OR RETURN	140.62	TMI	.95	133.59 *
		140.62	TMI		

INVOICE SUBTOTAL

8,575.04

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

RECEIVED
STATE CORPORATION COMMISSION

OCT 20 1994

REGISTRATION 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.

CUSTOMER COPY

INVOICE



HALLIBURTON

ORIGINAL

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

INVOICE NO.	DATE
677500	06/27/1994

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
DUNNE-HOFFMAN L-2		STEVENS		KS	LOWRY EXPLORATION
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES	CEMENT PRODUCTION CASING		06/27/1994
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
525343	NED E. LOWRY			COMPANY TRUCK	72187

LOWRY EXPL., INC.
BOX 1847
LIBERAL, KS 67901

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

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	DISCOUNT-(BID)				3,488.21--
	INVOICE BID AMOUNT				5,086.83
	*-KANSAS STATE SALES TAX			5.17%	192.46
	*-SEWARD COUNTY SALES TAX				39.29

D-H. L. 2
Cement Leasing
1/17

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====

RECEIVED
STATE CORPORATION COMMISSION
\$5,318.56

OCT 20 1994

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.

EXPLORATION DIVISION
WICHITA, KANSAS



HALLIBURTON ORIGINAL

P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
677500	06/27/19

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
DUNNE-HOFFMAN L-2		STEVENS		KS	LOWRY EXPLORATION
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES	CEMENT PRODUCTION CASINO		06/27/19
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE
525343	NED E. LOWRY			COMPANY TRUCK	721

LOWRY EXPL., INC.
BOX 1847
LIBERAL, KS 67901

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

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	80 MI		2.75	220.00
		1 UNT			
001-016	CEMENTING CASINO	3100 FT		1,500.00	1,500.00
		1 UNT			
030-016	CEMENTING PLUG SW ALUM TOP	5 1/2 IN		60.00	60.00
		1 EA			
12A	GUIDE SHOE - 5 1/2" BRD THD.	1 EA		121.00	121.00
825.205		1 EA			
24A	INSERT FLOAT VALVE - 5 1/2" BRD	1 EA		110.00	110.00
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1 EA		55.00	55.00
815.19311					
40	CENTRALIZER-5-1/2 X 8-1/2	10 EA		44.00	440.00
806.60022					
66	CLAMP-LIMIT-5-1/2 HINGED	1 EA		12.00	12.00
806.72030					
350	HALLIBURTON WELD-A	1 EA		14.50	14.50
890.10802					
504-050	CEMENT - PREMIUM PLUS	160 SK		10.36	1,657.60
504-120	CEMENT - HALL. LIGHT PREM PLUS	240 SK		9.28	2,227.20
507-210	FLOCELE	100 LB		1.65	165.00
507-775	HALAD-322	90 LB		7.00	630.00
508-127	CAL SEAL 60	11 SK		25.90	284.90
509-406	ANHYDROUS CALCIUM CHLORIDE	3 SK		36.75	110.25
509-968	SALT	1519 LB		.15	227.85
500-207	BULK SERVICE CHARGE	449 CFT		1.35	606.15
500-306	MILEAGE CMTG MAT DEL OR RETURN	140.62 TMI		.95	133.59
INVOICE SUBTOTAL					8,575.04

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

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.



HALLIBURTON ORIGINAL

ITEM NO. P.O. BOX 951046 DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
677500	06/27/19

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
DUNNE-HOFFMAN L-2		STEVENS		KS	LOWRY EXPLORATION
SERVICE LOCATION	CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL	GABBERT & JONES		CEMENT PRODUCTION CASING		06/27/19
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE #
525343	NED E. LOWRY			COMPANY TRUCK	721

LOWRY EXPL., INC.
 BOX 1047
 LIBERAL, KS 67901

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

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	DISCOUNT--(BID)				3,488.21
	INVOICE BID AMOUNT				5,086.83
	*-KANSAS STATE SALES TAX				192.46
	*-SEWARD COUNTY SALES TAX				39.29
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$5,318.58

D.H. L. 2
Cement casing
7/19

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.

WELL DATA

FIELD _____ SEC. **7** TWP. **34S** RNG. **37W** COUNTY **Stevens** STATE **KANSAS**

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	<i>AL</i>	<i>15.5</i>	<i>5 7/8</i>	<i>0</i>	<i>3100</i>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <i>Reg 5 1/2</i>	<i>1</i>	<i>Hallib.</i>
CENTRALIZERS <i>5-1/2 5/2</i>		
BOTTOM PLUG		
TOP PLUG <i>sw 5/2</i>	<i>1</i>	
HEAD		
PACKER		
OTHER <i>Insert Fit 5/2</i>	<i>1</i>	

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>6-27-94</i>	DATE <i>6-27-94</i>	DATE <i>6-27-94</i>	DATE <i>6-27-94</i>
TIME <i>03:00</i>	TIME <i>05:40</i>	TIME <i>09:55</i>	TIME <i>10:45</i>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>K. Boone</i>	<i>47841</i>	<i>40076</i>
<i>D. Weir</i>	<i>F1591</i>	<i>58823</i>
<i>D. Hamilton</i>	<i>63090</i>	<i>75374</i>
<i>A. Mathias</i>	<i>61230</i>	<i>4673</i>
		<i>4515</i>
		<i>51984</i>
		<i>6611</i>

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 *Cement*
 DESCRIPTION OF JOB *Cement 3100' of 5 7/8 casing*

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

CUSTOMER REPRESENTATIVE *X. Neal E. Lewis*

HALLIBURTON OPERATOR *K. Boone* COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>240</i>	<i>HLC</i>		<i>B</i>	<i>1/4 # Flocc</i>	<i>2.10</i>	<i>12.2</i>
	<i>160</i>	<i>Expanding</i>		<i>B</i>	<i>73 EA-2, 23 CAD, .63 Hald-302, 15% Snt</i> <i>1/4 # Flocc</i>	<i>1.61</i>	<i>14.6</i>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. *20* TYPE *17W*
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. *73*
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. *90-46*
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____

REMARKS

TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____

FEET *45* REASON *shut in*

JOB LOG FORM 2013 R-4

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Lowery Exp		L-2		Poum-Hoffman		5 1/2 L.S.		677500	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	03:00							called out	
	05:40							on loc. Laying down drill collars	
	06:30							Bulk TOL on loc. Safety meeting	
	09:55	5	15			250		Pump flow	
	09:58	5 1/2	90			300		mix Lead cement	
	10:12	5 1/2	46			300		mix Tail cement	
	10:18							wash up do pit	
	10:19							Release plug	
	10:21	5						start Displacement	
	10:34	2.5						slow Rate down last 10 gal	
	10:38		7 1/2			1300		plug down	
	10:40							ok off.	
								no cement to surface	

ORIGINAL



INVOICE

ORIGINAL

INVOICE NO.	DATE
677498	06/23/19

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
DUNNE-HOFFMAN L-2		STEVENS		KS	LOWRY EXPLORATION
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
LIBERAL		N/A		CEMENT SURFACE CASING	
ACCT. NO.		CUSTOMER AGENT		VENDOR NO.	
525343		KEVIN CLIFFT			
CUSTOMER P.O. NUMBER		SHIPPED VIA		FILE NO.	
		COMPANY TRUCK		719	

LOWRY EXPL., INC.
BOX 1847
LIBERAL, KS 67901

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

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	50	MI	2.75	137.50
		1	UNT		
001-016	CEMENTING CASING	690	FT	890.00	890.00
		1	UNT		
030-016	CEMENTING PLUG 5W ALUM TOP	8	5/8 IN	120.00	120.00
		1	EA		
16A	CASING SHOE - 8 5/8" 8RD THD.	1	EA	161.00	161.00
830.2171					
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA	171.00	171.00
815.19502					
27	FILL-UP UNIT 7" - 8 5/8"	1	EA	55.00	55.00
815.19415					
40	CENTRALIZER - 8-5/8 X 12-1/4	3	EA	65.00	195.00
806.61048					
350	HALLIBURTON WELD-A	1	LB	14.50	14.50
890.10802					
504-050	CEMENT - PREMIUM PLUS	150	SK	10.34	1,554.00
504-120	CEMENT - HALL. LIGHT PREM PLUS	190	SK	9.28	1,763.20
507-210	FLOCELE	85	LB	1.65	140.25
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	36.75	220.50
500-207	BULK SERVICE CHARGE	358	CFT	1.35	483.30
500-306	MILEAGE CMTG MAT DEL OR RETURN	112.693	TMI	.95	107.06

INVOICE SUBTOTAL

6,012.31

DISCOUNT-(BID)

2,400.99

INVOICE BID AMOUNT

3,611.32

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

147.00
30.00

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

\$3,788.32

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.



Lowry Expl
 ADDRESS
 CITY, STATE, ZIP CODE

No. 677498 - 8

PAGE 1 OF 2

FORM 1906 R-13

SERVICE LOCATIONS 1. Liberal 025540		WELL/PROJECT NO. L-2	LEASE Dunn-Hoffman	COUNTY/PARISH Stevens	STATE KS	CITY/OFFSHORE LOCATION	DATE 6-23-94	OWNER Lowry Expl
2. Hugoton 025535		TICKET TYPE <input checked="" type="checkbox"/> SERVICE JOB? <input type="checkbox"/> YES <input type="checkbox"/> SALES <input type="checkbox"/> NO	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA GTR	DELIVERED TO Loc.	ORDER NO.	
3.		WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4.		REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1			MILEAGE	50	m			2.75	137.50
001-016		1			Pump charge	690	ft				890.00
030-016		1			Top Rubber Plug	1	EA	878			120.00
16A	830.2171	1		25	Texas Pattern Guide shoe	1	EA	871			161.00
24A	815.19502	1		25	Insert flt. valve	1	EA	878			171.00
27	815.19415	1		25	Auto Fillup Assy.	1	EA	878			55.00
40	806.61048	1		55	Centralizers	3	EA	878		65.00	195.00
350	890.10802	1		25	Weld-A	1116					14.50

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 Kevin Clift
 DATE SIGNED 6-23-94 TIME SIGNED 7:30 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	1744.00
FROM CONTINUATION PAGE(S)	4268.31
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	6012.31

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) Kevin Clift
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) x Kevin Clift
 HALLIBURTON OPERATOR/ENGINEER Keith Boone
 EMP # 47841
 HALLIBURTON APPROVAL J. E. Keardon 40.5%

FE = same as APX letter 2-24-94



HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

ORIGINAL

TICKET No. 677498

106

CUSTOMER: Lowry Eploration
 WELL: Dunne-Hoffman
 DATE: 6-23-94
 PAGE 2 OF 2

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	WELL		DATE	PAGE OF			
		LOG	ACCT.	DF		QTY.	U/M		QTY.	U/M	UNIT PRICE	AMOUNT
504-050	516.00265	2			Premium Plus Cement	150	sk		10	36	1554	00
504-120		2			Halliburton Light Cement	190	sk		9	28	1763	20
504-050	516.00265											
506-105	516.00286				P							
506-121	516.00259											
507-210	890.50071	2			Flocele	85	LB		1	65	140	25
509-406	890.50812	2			Calcium Chloride	6	sk		36	75	220	50
ORIGINAL												
500-207		2			SERVICE CHARGE	CUBIC FEET 358			1	35	483	30
500-306		2			MILEAGE CHARGE	TOTAL WEIGHT 32,197	LOADED MILES 7		TON MILES 112.693	95	107	06

No. B 262530

CONTINUATION TOTAL 4268.31



JOB SUMMARY

HALLIBURTON DIVISION Mid-ContinentHALLIBURTON LOCATION LiberalBILLED ON TICKET NO. 677498

WELL DATA

FIELD _____ SEC. 7 TWP. 34S RING. 37W COUNTY Stevens STATE KANSAS

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		<input checked="" type="checkbox"/>	<u>24</u>	<u>8 7/8</u>	<u>0</u>	<u>690</u>	
LINER							
TUBING							
OPEN HOLE							SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

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 _____

ORIGINAL

JOB DATA

CALLER	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>6-23-94</u>	DATE <u>6-23-94</u>	DATE <u>6-23-94</u>	DATE <u>6-23-94</u>
TIME <u>12:00</u>	TIME <u>15:00</u>	TIME <u>18:50</u>	TIME <u>19:20</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>K. Boone</u>	<u>47841</u>	<u>Liberal</u>
<u>J. Woodman</u>	<u>62573</u>	<u>11</u>
<u>M. Lewis</u>	<u>62896</u>	<u>Hughes</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>Top. Pat. 8 7/8</u>	<u>1</u>	<u>Hallib.</u>
CENTRALIZERS <u>S-4 8 7/8</u>	<u>3</u>	
BOTTOM PLUG		
TOP PLUG <u>SW 8 7/8</u>	<u>1</u>	
HEAD		
PACKER		
OTHER <u>Insert fit valve 8 7/8</u>	<u>1</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 Cement

DESCRIPTION OF JOB Cement 690' of 8 7/8 casing

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

CUSTOMER REPRESENTATIVE X Kevin Uff

HALLIBURTON OPERATOR K. Boone COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>190</u>	<u>Hew PT</u>		<u>B</u>	<u>23 On Cl, 1/4 # Floate</u>	<u>2.10</u>	<u>12.2</u>
	<u>150</u>	<u>PT</u>		<u>B</u>	<u>23 On Cl, 1/4 # Floate</u>	<u>1.32</u>	<u>14.8</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. 10 TYPE Flow

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 41

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 71-35

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS OK 115 sk

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 43 REASON Shoe Point

