

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

Operator: License # 9262
Name: LOWRY EXPLORATION, INC
Address 830 COUNTRY ESTATES RD
P O BOX 1847
City/State/Zip LIBERAL, KS 67905-1847

Purchaser: Panhandle Eastern

Operator Contact Person: NED E LOWRY
Phone (316) 624-8141

Contractor: Name: GABBERT-JONES
License: 5842

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover
 Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, 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 PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
6-18-94 6-21-94 9-24-94
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21663-00-00
County STEVENS ORIGINAL

SE - NW - NW - Sec. 5 Twp. 34S Rge. 37 ^E _W

4030 Feet from (S)N (circle one) Line of Section
4030 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 # N-2
Field Name HUGOTON

Producing Formation CHASE SERIES

Elevation: Ground 3173 KB 3151
Total Depth 3100' PBTD 3036

Amount of Surface Pipe Set and Cemented at 752 Feet
Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 of 9 3-29-95
(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 LOWRY EXPLORATION, INC
Lease Name DUNNE HOFFMANN N-2 License No. 9265
NW Quarter Sec. 5 Twp. 34S S Rng. 37 ^E _W
County STEVENS Docket No. _____

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 _____ Date _____
Subscribed and sworn to before me this 28th day of September, 19 94.
Notary Public Susan K. Goodch
Date Commission Expires _____



K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
STATE CORPORATION COMMISSION
Wireline Log Received
Geologist Report Received
SEP 30 1994
Distribution
KCC _____ SWD/Rep _____ NGPA
KGS _____ Plug _____ Other _____
(Specify)

Operator Name LOWRY EXPLORATION, INC.

Lease Name DUNNE HOFFMANN Well # N-2

Sec. 5 Twp. 34S Rge. 37
 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 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:

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
HERRINGTON	2602	
KRIDER	2644	
WINFIELD	2698	
TOWANDA	2754	
FT RILEY	2825	
WERFORD	2914	

DUAL INDUCTION
 COMP NEUTRON = LITHO DENSITY
 BOND LOG

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#	752	HALCO, LITE PREMIUM LITE	190 150	2%cc 2%cc
LONG STRING	7 7/8	5 1/2	15.5#	3096	HALCO PREMIUM	550	2%cc 15% SALT 7% EA-2 2.6% Halad

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
2616-24 2644-80		FRACED WITH 60,000 GAL 7-30#	
2700-32 2756-2808		COMPLETED GAL AND 350,000#	
2824-29 2916-30		10-20 - SAND.	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	NONE			<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SMD or Inj. 9-25-94 SOLD FIRST GAS Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas 500 Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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

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

Production Interval
2616-2930

ORIGINAL

GABBERT-JONES, INC.
WICHITA, KANSAS

- DRILLERS' WELL LOG -

WELL NAME: DUNN-HOFFMAN N-2
Sec 5-34S-37W
Stevens County, Kansas

COMMENCED: 6-18-94
COMPLETED: 6-22-94
OPERATOR: Lowry Exploration, Inc.

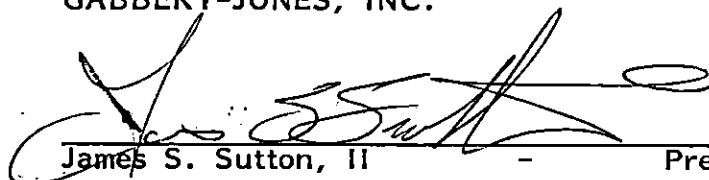
API # 15-189-21663

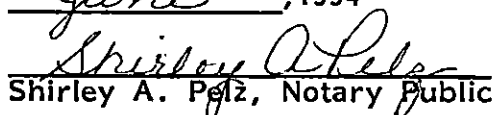
DEPTH		FORMATION	REMARKS
From	To		
0	516	Sand	Ran 18 jts of 24# 8 5/8" csg set @ 752' w/190 sks Prem Lite Class C w/2% CC + 1/4# Flocele Tailed w/150 sks Prem Lite Class C 2% CC 1/4# Flocele PD @ 5:45AM 6-19-94
516	1160	Redbed	
1160	1420	Glorietta Sand	
1420	2631	Redbed	
2631	3100	Shale	
	3100 TD		Ran 69 jts of 15 1/2# 5 1/2" csg set @ 3096' w/390 sks HLC Class C 1/4# Flocele 160 sks expanding Class C 7% EA 2 .6% Halid 322 15% Salt PD @ 2:00PM 6-22-94

STATE OF KANSAS]
COUNTY OF SEDWICK]

I, the undersigned, being duly sworn on oath, state that the above Drillers' Well log is true and correct to the best of my knowledge and belief and according to the records of this office.

GABBERT-JONES, INC.


James S. Sutton, II - President

Subscribed & sworn to before me this 27th day of June, 1994

Shirley A. Pelz, Notary Public



My commission expires October 18, 1997



CHARGE TO: Lowey Exploration
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET No. 677832 - 1
 PAGE 1 OF 1

FORM 1906 R-13

1. SERVICE LOCATIONS <u>25540 Lipeau Ks</u>	WELL/PROJECT NO. <u>K2</u>	LEASE <u>Divine Hoffman</u>	COUNTY/PARISH <u>Stevens</u>	STATE <u>Ks</u>	CITY/OFFSHORE LOCATION	DATE <u>6-19-94</u>	OWNER <u>Lowey Expto</u>
2. SERVICE LOCATIONS <u>25535 Hightower Ks</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>GARRETT-JONES</u>	RIG NAME/NO.	SHIPPED VIA <u>LOC.</u>	ORDER NO.	
3.	WELL TYPE	WELL CATEGORY <u>02.03</u>	JOB PURPOSE <u>010 8 1/8 SURFACE</u>	WELL PERMIT NO.	WELL LOCATION <u>SW OF Hightower</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>000-117</u>					<u>MILEAGE</u>	<u>74</u>	<u>MLs</u>				<u>203.50</u>
<u>001-016</u>					<u>Pump charge</u>	<u>725</u>	<u>FT</u>				<u>890.00</u>
<u>030-018</u>					<u>5 in Top Pdy</u>	<u>1</u>	<u>EA</u>			<u>130.00</u>	<u>130.00</u>
<u>16 A</u>	<u>830-2171</u>	<u>1</u>			<u>Guide Shoe</u>	<u>1</u>	<u>EA</u>	<u>8%</u>		<u>161.00</u>	<u>161.00</u>
<u>24 A</u>	<u>815-19502</u>	<u>1</u>			<u>Insert Float</u>	<u>1</u>				<u>171.00</u>	<u>171.00</u>
<u>27</u>	<u>815-19415</u>	<u>1</u>			<u>Filthys</u>	<u>1</u>				<u>55.00</u>	<u>55.00</u>
<u>40</u>	<u>806-61048</u>	<u>1</u>			<u>Centralizers</u>	<u>3</u>				<u>65.00</u>	<u>195.00</u>
<u>350</u>	<u>890-10802</u>	<u>1</u>			<u>Hawco Weld A</u>	<u>1</u>	<u>LB</u>			<u>14.50</u>	<u>14.50</u>

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 <u>x Kevin Clift</u>	DATE SIGNED <u>6:00</u>	TIME SIGNED <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M.	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	TUBING SIZE	TUBING PRESSURE	WELL DEPTH	SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <u>1820.00</u>
TYPE LOCK			DEPTH	BEAN SIZE			OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				FROM CONTINUATION PAGE(S) <u>4237.72</u>
TYPE OF EQUALIZING SUB.			CASING PRESSURE	TREE CONNECTION			WE UNDERSTOOD AND MET YOUR NEEDS?				
TYPE VALVE				ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO			OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>6057.72</u>			<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND								

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

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <u>Kevin Clift</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>x Kevin Clift</u>	HALLIBURTON OPERATOR/ENGINEER <u>Dennis Love</u>	EMP # <u>59179</u>	HALLIBURTON APPROVAL <u>D. Keardon</u>	<u>4057</u>
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TICKET CONTINUATION

ORIGINAL
88

TICKET
No. 677832

HALLIBURTON ENERGY SERVICES

FORM 1811 R-10

CUSTOMER: Lowery Expl.
WELL: Dunne Hottman
DATE: 6-19-94
PAGE: OF:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE		AMOUNT
		LOC	ACCT.	DF.								
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											
506-121	516.00259											
507-210	890.50071	2			Flocele 1/2#/340sk	85	lb			1.65	140.25	
509-406	890.50812	2			Calcium Chloride 2%/340sk	6	sk			36.75	220.50	
500-207		2			SERVICE CHARGE			CUBIC FEET 358		1.35	483.30	
500-306		2			MILEAGE CHARGE			TON MILES 80.49		.95	76.47	
					TOTAL WEIGHT 32,198			LOADED MILES 5				

ORIGINAL

No. B 262559

CONTINUATION TOTAL 4237.72

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY Stevens 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 _____

JOB DATA

NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
	28#	8 7/8	KB	753	

CASING

LINER

TUBING

OPEN HOLE 12 1/4 GL 753 SHOTS/FT.

PERFORATIONS ORIGINAL

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
Float 8 7/8	1	Howco
Insert float	1	
Fillup	1	
GUIDE SHOE 1 1/2 IN	1	
CENTRALIZERS	3	
BOTTOM PLUG	1	
TOP PLUG	1	
HEAD	1	
PACKER		
OTHER Howco weld	143	

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. _____ IN

PERFPAC BALLS TYPE _____ QTY. _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
DLAIR	40075	Liverside Ks
REmond	59179	"
DHamilton	04310 / 4673 / 4515	Houston Ks

DEPARTMENT Cement

DESCRIPTION OF JOB Cement 8 7/8 Surface

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

CUSTOMER REPRESENTATIVE X Kevin Uff

HALLIBURTON OPERATOR D. Davis COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	190	Prem Plus	LIWT	2%CC	1/4# Floccle	2.05	12.3
	150	Prem Plus		2%CC	1/4# Floccle	1.32	14.8

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 43 90 REASON Slow cement

PRESLUSH: BBL.-GAL. _____ TYPE _____

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

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 45.1

CEMENT SLURRY: BBL.-GAL. 104.62

TOTAL VOLUME: BBL.-GAL. _____

REMARKS _____

CUSTOMER: Lawrey

LEASE: Explorations

WELL NO.: 2

JOB TYPE: 8 7/8 Surface

DATE: 6-19-94

JOB LOG FORM 2013 R-4

 CUSTOMER **Loweby Expl** WELL NO. **K-2** LEASE **Dunn Hottinon** JOB TYPE **8 7/8 SUEXCE** TICKET NO. **677832**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0030							Time Collected
	NOW							Time Ready ORIGINAL
	0200							Time on loc. Rig Dely Hole.
								Start Rig Casuey
	0448							Casuey in Hole
	0450							Hookup To Cuedate Casuey
	0500							Cuedate Casuey in Hole
	0503							Cuedate Mud To Ground Level
	0510							Hookup To Pump Truck
	0515	6				150		Start Mix Cement
	0525		69.36			175		Start Tail Cement
	0531		35.63			250		Finish Mixing Cement
	0532		104.62			250		Shut Down Deep Plug
	0533	5				50		Start Displacement
		3 3/4	845.1					wash Pipes & Lines
	0545					250 / 150		Plug Down
								Flant Held & Circulate Cement to P.T
Thanks For Calling Halliburton Energy Floor & Crew								

RECEIVED
 STATE CORPORATION COMMISSION
 SEP 30 1994
 SUPERVISION DIVISION
 WICHITA, KANSAS



HALLIBURTON ORIGINAL

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

INVOICE

INVOICE NO.	DATE
677473	06/22/19

WELL LEASE NO./PROJECT DUNNE-HOFFMAN N-2		WELL/PROJECT LOCATION STEVENS		STATE KS	OWNER SAME
SERVICE LOCATION LIBERAL	CONTRACTOR GABBERT & JONES	JOB PURPOSE CEMENT PRODUCTION CASING		TICKET DATE 06/22/19	
ACCT. NO. 525343	CUSTOMER AGENT NED E. LOWRY	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE # 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	8 MI		2.75	22.00
		1 UNT			
001-016	CEMENTING CASING	3096 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					
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 LB		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	390 SK		9.28	3,619.20
507-210	FLOCELE	100 LB		1.65	165.00
507-775	HALAD-322	191 LB	N-2	7.00	637.00
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	1507 LB		.15	226.05
507-210	FLOCELE	38 LB		1.65	62.70
500-207	BULK SERVICE CHARGE	602 CFT		1.35	812.70
500-306	MILEAGE CMTG MAT DEL OR RETURN	405.615 TMI			385.33

INVOICE SUBTOTAL

RECEIVED
STATE CORPORATION COMMISSION
MAR 29 1995
10,295.23

***** 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.

CUSTOMER COPY



HALLIBURTON ORIGINAL

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

INVOICE

INVOICE NO.	DATE
677473	06/22/19

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
DUNNE-HOFFMAN N-2		STEVENS		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	GABBERT & JONES	CEMENT PRODUCTION CASING		06/22/19	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE
525343	NED E. LOWRY			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
	DISCOUNT--(BID) INVOICE BID AMOUNT.				4,184.88 6,110.35
	*--KANSAS STATE SALES TAX				248.43
	*--SEWARD COUNTY SALES TAX				50.71
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					6,409.49

D-11 N-2
Account long...
5/19

RECEIVED
STATE CORPORATION COMMISSION
MAR 29 1995

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 ENERGY SERVICES

FORM 1906 R-13

ADDRESS: Lowry Exporation

CITY, STATE, ZIP CODE:

No. 77473-5

RECEIVED
CORPORATION COMM
MAY 25 1995
MICHIGAN
WICHITA

SERVICE LOCATIONS 1. <u>025540 Liberalles</u>	WELL/PROJECT NO. <u>N-2</u>	LEASE <u>Dunne Hoffman</u>	COUNTY/PARISH <u>Stevens</u>	STATE <u>LA</u>	CITY/OFFSHORE LOCATION	DATE <u>6-22-94</u>	OWNER <u>Same</u>
2. <u>025535 Hughton 15</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>GAS</u>	RIG NAME/NO. <u>045</u>	SHIPPED VIA	DELIVERED TO <u>508 Hughton 15</u>	ORDER NO.
3.	WELL TYPE <u>02</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>035</u>	WELL PERMIT NO.	WELL LOCATION <u>8-345-37 W</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT.	DF			U/M			
000-117		1			MILEAGE	8	mi	1	2.75	22.1-
001-016		1	ORIGINAL		Pump Charge	3096	PT	6	hr	1,500.-
030-016		1	ORIGINAL		5-W Plug	5 1/2	in	1	EA	60.-
12A	825.205	1	ORIGINAL	25	Guide Shoe	5 1/2	in	1	EA	121.-
24A	815.19251	1	ORIGINAL	25	Insert Float	"	"	"	"	110.-
27	815.19311	1	ORIGINAL	25	Pill-up	4	"	"	"	55.-
40	806.60022	1		55	Centralizer	"	"	10	EA	44.00
66	806.72030	1		25	Fas. Grip	1	"	1	EA	12.00
350	890.10802	1		25	Weld-A-P	1	lb	1	EA	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 Ned E. Lowry

DATE SIGNED: 6-22-94 TIME SIGNED: 10:00 A.M. P.M.

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK	DEPTH	SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	2334	50
BEAN SIZE	SPACERS		OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					FROM CONTINUATION PAGE(S)
TYPE OF EQUALIZING SUB.	CASING PRESSURE	WE UNDERSTOOD AND MET YOUR NEEDS?						
TUBING SIZE	TUBING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?						
WELL DEPTH		WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?						10,295
		ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO						
TREE CONNECTION	TYPE VALVE	<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE		

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

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): Ned E. Lowry

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): X Ned E. Lowry

HALLIBURTON OPERATOR/ENGINEER: Tim Bohannon EMP # 87748

HALLIBURTON APPROVAL: David ... 40.5%

FE = Same as APX letter



TICKET CONTINUATION

ORIGINAL 97 MG

HALLIBURTON ENERGY SERVICES

VED
 TICKET
 No. 262572-73
 DATE 06-22-94
 199.
 WICH
 PAGE 1 OF 1

FORM 1911 R-10

CUSTOMER	WELL	DATE	PAGE
Lowry Exploration	Dumac-Hoffman N-2	06-22-94	1 OF 1

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
504-050	516.00265	2			Premium Plus Cement	160	sk	10.36		1657.60
504-120		2			Halliburton Light Cement	390	sk	9.28		3619.20
504-050	516.00265					156	sk			
506-105	516.00286					6216	lb	.0		
506-121	516.00259					13	sk			
507-210	890.50071	2			Flocele 1/4#W/ 400	100	lb	1.65		165.00
507-775	516.00144	2			Halad-322 .6%W/ 160	91	lb	7.00		637.00
508-127	890.50131	2			EA-2 7%W/ 160	11	sk	25.90		284.90
509-406	890.50812	2			Calcium Chloride 2%W/ 160	3	sk	36.75		110.25
509-968	516.00315	2			Granulated Salt 15%W/ 160	1507	lb	.15		226.05
507-210	890.50071	2			Flocele 1/4#W 150	38	lb	1.65		62.70
500-207		2			SERVICE CHARGE				1.35	812.70
500-306		2			MILEAGE CHARGE	TOTAL WEIGHT 54,082	LOADED MILES 15	TON MILES 405.615	.95	385.33

ORIGINAL

No. B 262572

CONTINUATION TOTAL

7960.73



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATIONMid. Cont.
Liberal KS

BILLED ON TICKET NO. 677473

WELL DATA
FIELD _____ SEC. 8 TWP. 34S RNG. 37W COUNTY Steven STATE KSFORMATION 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 Chsm MUD WT. 8.9
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH 3200

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	152	5 1/2	KB	3096	1500
LINER						
TUBING						
OPEN HOLE			7 7/8 +	252	3200	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>6-22-94</u>	DATE <u>6-22-94</u>	DATE <u>6-22-94</u>	DATE <u>6-22-94</u>
TIME <u>05:30</u>	TIME <u>08:15</u>	TIME <u>12:03</u>	TIME <u>13:40</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>Plasent</u>	<u>1</u>	
FLOAT SHOE <u>Pill-top</u>	<u>1</u>	<u>HCS</u>
GUIDE SHOE <u>Reg</u>	<u>1</u>	
CENTRALIZERS	<u>10</u>	
BOTTOM PLUG		
TOP PLUG <u>RES-W</u>	<u>1</u>	
HEAD <u>OCPC</u>	<u>1</u>	
PACKER <u>Exprio</u>	<u>1</u>	
OTHER <u>WeldA</u>	<u>1</u>	

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T Bohannon</u>	<u>40076 P.O.</u>	<u>Liberal KS</u>
<u>S Tate</u>	<u>52823 P.</u>	<u>" "</u>
<u>B McCall</u>	<u>50568</u>	<u>" "</u>
<u>G McIntyre</u>	<u>50866 B</u>	<u>Hugotank</u>
	<u>0-8366</u>	<u>75503 B</u>
	<u>63755</u>	<u>3626 B</u>
		<u>5302</u>

ORIGINAL

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 5001

DESCRIPTION OF JOB D35

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

CUSTOMER REPRESENTATIVE X Tel & Perry

HALLIBURTON OPERATOR Tim Bohannon COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>390</u>	<u>HLC A2</u>		<u>B</u>	<u>4 1/2 sk Flocc</u>	<u>2.10</u>	<u>12.2</u>
<u>2</u>	<u>16.0</u>	<u>Expanding Cont Ct</u>		<u>B</u>	<u>7% CA-2, 2% PC, 6% Hald-322, 15% Salt, 4% Flocc</u>	<u>1.61</u>	<u>14.6</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 43 REASON Shots 5'

PRESLUSH: BBL.-GAL. _____ TYPE _____

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

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 72.6

CEMENT SLURRY: BBL.-GAL. 145.8 + 45.8

TOTAL VOLUME: BBL.-GAL. _____

REMARKS _____

RECEIVED STATE CORPORATION COMMISSION

MAR 29 1995

JOB LOG FORM 2013 R-4

 DATE 6-22-94 PAGE NO 1

 CUSTOMER Loupy Expl. WELL NO. N-2 LEASE Donna Hoffman JOB TYPE 035 TICKET NO. 677473

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	05:30							Call out Ready 09:00
	08:15							ON hoc Rig ON Lay Down P.P.
	09:30							RUN 5" CSG in Hole
	11:35							TD CSG. Hook-up Cir Hole w Rig Pump
	12:03					260		H ₂ O
	12:08	6	10			180		390 ^{3K} HLC P+
		"	145.8			150		
	12:28	"	458			"		160 ^{3K} Expanding P+
	12:38	"				—		Stop Wash-up To Pit
	12:41	6						Drop 5-w Plug Displ w H ₂ O
		5	30			300		
		2	60			600		
	13:03	✓	73			840		Plug Down, Float Holding

CMT To Surface

ORIGINAL

Thank You Tim & Crew

RECEIVED
STATE CORPORATION COMMISSION
MAR 29 1995
CONSERVATION DIVISION
WICHITA, KANSAS