

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACD-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE **DEC 31**

API NO. 15- 189-21,520 **ORIGINAL**
County Stevens
C W/2 NW NE Sec. 24 Twp. 31S Rge. 35 ^E_V

Operator: License # 5003
Name: McCoy Petroleum Corporation
Address: 110 S. Main, Suite 500

4620 Feet from S/N (circle one) Line of Section
2310 Feet from E/W (circle one) Line of Section

City/State/Zip Wichita, KS 67202

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

Purchaser: _____
Operator Contact Person: Roger McCoy

Lease Name Gale "A" Well # 2-24

Phone (316) 265-9697

Field Name Lahey

Contractor: Name: Sweetman Drilling, Inc.
License: 5658

Producing Formation Chester Sand

Wellsite Geologist: John Hastings

Elevation: Ground 2937 KB 2949

Designate Type of Completion
 New Well Re-Entry Workover

Total Depth 5825' PBTD 5752

Oil SUD SIOG Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Amount of Surface Pipe Set and Cemented at 1754 Feet

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

Multiple Stage Cementing Collar Used? Yes No

Operator: _____

If yes, show depth set 3251 Feet

Well Name: _____

If Alternate II completion, cement circulated from _____

Comp. Date _____ Old Total Depth _____

feet depth to _____ w/ _____ sx cmt.

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

Drilling Fluid Management Plan A/I/D
(Data must be collected from the Reserve Pit)

11-21-91 12-3-91 12-24-91
Spud Date Date Reached TD Completion Date

Chloride content 1,000 ppm Fluid volume 2,000 bbls

Deswatering method used Evaporation

Location of fluid disposal if hauled offsite:
2 5 1993

Lease Name _____ License No. _____
Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ 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 [Signature]
Title President

RELEASED
FROM CONFIDENTIAL
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
G Wireline Log Received
H Geologist Report Received
Distribution
 KCC SWD/Rop NGPA
 Plug Other
(Specify)
JAN 12 1992
CONSERVATION DIVISION
WICHITA, KANSAS

Subscribed and sworn to before me this 27 day of December
91
Notary Public Deborah Ann Paulus

Date Commission Expires January 8, 1992
DEBORAH ANN PAULUS
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 1-8-92

Operator Name McCoy Petroleum Corp. Lease Name Gale "A" Well # 2-24
 Sec. 24 Twp. 31S Rge. 35 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:

See Attached

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

See Attached

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"	24#	1754'	Prem +	675	1#Flo, 6#gil
Production		5-1/2" & 3-5/8"	15.5#	5800'	ThixSet	325	3%KCL, 1/2#Flo
			DV Tool	3151'	Light ThixSet	100 75	1/2#Flo, 5#GIT

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
4	5514-5528'	Frac w/18,000 gals. MY-T-Oil II same with 27,500# of 20/40 sand

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8" EUE	5470'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, (SWD or Inj.)	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
12-21-91				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	228	0	0	

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 5514-5528'



Natural Gas • Crude Oil
Exploration & Production

McCOY PETROLEUM CORPORATION

110 South Main, Suite 500
Wichita, Kansas 67202
316-265-9697

ORIGINAL

KGO

DEC 31

CONFIDENTIAL

John Roger McCoy
President

Kevin McCoy
Vice-President

Harvey H. McCoy
Vice-President

Keith McCoy
Treasurer

McCoy Petroleum Corporation
#2-24 Gale "A"
C W/2 NW NE Section 24-31S-35W
Stevens County, Kansas

Page 2 (ACO-1)

DST #1 4606-4629' (Dennis)

Open 30", S.I. 60", Open 60", S.I. 90"
Weak blow built to 4" on 1st open period.
Weak blow built to 3" on 2nd open period.
Recovered 105' of oil and gas cut mud,
(25% gas, 10% oil, 65% mud).

FP 41-41# 62-62#
ISIP 815# FSIP 809#

DST #2 4644-4670' (Swope)

Open 30", S.I. 60", Open 60", S.I. 90"
Strong blow. Gas to surface in 3 minutes.
Gauge 499,000 CFGPD in 10" on 1st open period,
" 415,000 CFGPD in 20" "
" 245,000 CFGPD in 30" "
Gauge 47,100 CFGPD in 10" on 2nd open period,
" 54,700 CFGPD in 20" "
" 47,100 CFGPD in 30" "
" 39,200 CFGPD in 40" "
" 35,900 CFGPD in 50" "
" 35,900 CFGPD in 60" "

Recovered 1200' of total fluid as follows:
570' of gassy clean to muddy oil,
630' of saltwater (144,000 ppm)

FP 303-324# 366-495#
ISIP 767# FSIP 684#

DST #3 5280-5338' (Morrow)

Open 30", S.I. 60", Open 30", S.I. 60"
Very weak blow throughout 1st open period.
Weak blow, died in 9 minutes on 2nd open period.
Recovered 10' of mud.

FP 38-38# 38-38#
ISIP 49# FSIP 49#

DST #4 5494-5540' (Chester "Cave" Sand)

Open 30", S.I. 60", Open 90", S.I. 120"
Strong blow. Gas to surface in 28 minutes.
Gauge 44,800 CFGPD in 10" on 2nd open period,
" 24,500 CFGPD in 20" "
" 2,240 CFGPD in 30" "
" 11,750 CFGPD in 40" "
" 9,800 CFGPD in 50" "
" 2,130 CFGPD in 60" "
" 3,280 CFGPD in 70" "
" 14,100 CFGPD in 80" "
" 12,500 CFGPD in 90" "

Recovered 720' of fluid as follows:
390' of clean gassy oil, (44 gravity),
330' of mud cut oil.

FP 83-117# 151-276#
ISIP 1383# FSIP 1412#

ELECTRIC LOG TOPS

Winfield	2635 (+ 314)
Wabaunsee	3245 (- 296)
Heebner	4021 (-1072)
Lansing "A"	4131 (-1182)
Dennis porosity	4616 (-1667)
Swope porosity	4643 (-1694)
Marmaton "A"	4771 (-1822)
Pawnee	4882 (-1933)
Fort Scott	4920 (-1971)
Cherokee	4948 (-1999)
Atoka	5210 (-2261)
Morrow	5282 (-2333)
Chester Marker	5450 (-2501)
Chester "Cave" Sand	5508 (-2559)
St. Genevieve	5571 (-2622)
St. Louis	5624 (-2675)
LTD	5816 (-2867)

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DEC 24 1992
DEC 25 1993
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STATE CORPORATION COMMISSION

JAN 02 1992

CONSERVATION DIVISION
WICHITA, KANSAS

HALLIBURTON SERVICES

Duncan, Oklahoma 73538

A Division of Halliburton Company

ORIGINAL NO. 186744-8

FORM 1908 R-11

WELL NO. - FARM OR LEASE NAME # 2-241 GALE N		COUNTY STANFORD	STATE KS.	CITY/OFFSHORE LOCATION	DATE 11-22-71
CHARGE TO SWEETMAN OIL		OWNER McCoy Peter	TICKET FEE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR Sweetman #1	LOCATION 1. bony, ks.	CODE 25540	
CITY, STATE, ZIP		SHIPPED VIA Houso	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	LOCATION 2. Hugotay, ks.	CODE 25535
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO.	DELIVERED TO Loc.	LOCATION 3	CODE
TYPE AND PURPOSE OF JOB 010 8 3/8		B-968696	ORDER NO.	REFERRAL LOCATION	

CONFIDENTIAL

In 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 exclusive remedy in any cause 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.	LOC	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-117		1		MILEAGE 75496	17	EA	34	mi	2.60	88.40
001-016		1		Pumping Charge	1756	FT	8	days		1020.00
030-018		1		5w Top Plug	1	EA	8 5/8	in		130.00
030-019		1		5w Bottom Plug	1	EA	8 5/8	in		135.00
12A	825.217	1		Reg Cont Guide shoe	1	EA	8 5/8	in		216.00
24A	815.17502	1		Insert Float Valve	1	EA	8 5/8	in		171.00
27	815.17414	1		Fillup - Assembly	1	EA	8 5/8	in		30.00
40	807.93059	1		S-4 Centralizers	4	EA	8 5/8	in	62.00	248.00

NOT THIS IS AN INVOICE

RECEIVED STATE CORPORATION COMMISSION

CONSERVATION DIVISION WICHITA, KANSAS

RELEASED

FROM CONFIDENTIAL

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

WAS JOB SATISFACTORILY COMPLETED? Very Good

WAS OPERATION OF EQUIPMENT SATISFACTORY? Good

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? Good

X Eugene Salasa
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X Eugene Salasa
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.

C. Mas
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

CUSTOMER

SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

AND
TICKET CONTINUATION

ORIGINAL

DATE 11-22-91	CUSTOMER ORDER NO.	WELL NO. AND FARM Cole "A" 2-24	COUNTY Stevens	STATE Kansas
CHARGE TO Sweetman Drilling	OWNER McCoy Petroleum	CONTRACTOR Sweetman Rig #1		
MAILING ADDRESS	DELIVERED FROM Hugoton, Kansas	LOCATION CODE 25535	PREPARED BY Don Phillips	
CITY & STATE	DELIVERED TO E/S Cave, Kansas	TRUCK NO.	RECEIVED BY C. Lane	

No. **B 968696**

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
504-050	516.00265	2	B	Premium Plus Cement	200	sk			7.08	1,416	00
504-120		2	B	Halliburton Light Cement	475	sk			6.63	3,149	25
507-210	890.50071	2	B	Flocele B/ 1 1/2" W/ 475	319	lb			1.30	414	70
508-291	516.00337	2	B	Gilsonite B/ 6" W/ 200	1,200	lb			.35	420	00
509-406	890.50812	2	B	Calcium Chloride B/ 2% W/ 675	12	sk			26.25	315	00
500-207		2	B	SERVICE CHARGE					1.15	855	60
500-306		2	B	Mileage Charge	65,084	#			.80	598	77
No. B968696					CARRY FORWARD TO INVOICE					SUB-TOTAL	

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DEC 24 1992

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SR-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	07:30							CRUISED OUT
	12:00							ON LOCATION
	13:30							Run 8 5/8 Casing
	15:25							Hook-up Circulate
	16:05							Hook-up Cement
	16:05				1			Release Bottom Plug
	16:12	6	230.8		2			0/250 Mix + Pump Cement
	16:54				0			700/ Cement Mixed - Shut Down
	16:55				0			0 Release Bottom Top Plug
	17:56	6	109		2			200/500 Start Displacement
	17:48	1.5			1			500/1000 Plug Landed
	17:48				0			700/0 Released Back - Float Holdings

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Cement Circulated Yes

Thanks C. Law & Crew

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JAN 09 1992
CONSERVATION DIVISION
WICHITA, KANSAS

CUSTOMER

**WORK ORDER CONTRACT
AND PRE-TREATMENT DATA**

ATTACH TO INVOICE & TICKET NO. 186744

DISTRICT L. B. 001, P.S.

ORIGINAL

DATE 11-22-91

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

DEC 3

CONFIDENTIAL 35

WELL NO. 2-24 LEASE Cole 'A' SEC 24 TWP 31 RANGE 35
FIELD _____ COUNTY STURGIS STATE K.S. OWNED BY McLay Petr.

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____ DATE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH 1758 MUD WEIGHT _____
BORE HOLE 2 7/8
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>24²</u>	<u>8 5/8</u>	<u>K.B.</u>	<u>1756</u>	
LINER						
TUBING						
OPEN HOLE			<u>12 1/4</u>	<u>K.B.</u>	<u>1758</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____
TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

Change of 8 5/8 surface casing

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 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.
 - 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 are at any time after delivery to Customer at the landing unit 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 in which the products and materials are furnished.
 - That Halliburton shall not be bound by any changes or modifications in this contract, except as such change or modification is made in writing by a duly authorized executive official of Halliburton.

RECEIVED
STATE COMMISSION

RELEASED
FROM CONFIDENTIAL

CONSERVATION DIVISION
WICHITA, KANSAS

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.
SIGNED Eugene Salopek CUSTOMER
DATE 11-22-91
TIME 12:45 A.M./P.M.

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

WELL DATA

ORIGINAL

SEC. 24 TWP. 31 RING 33 COUNTY SHAWNEE 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 1758

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	24 ²	8 5/8	K.B.	1756	
LINER						
TUBING						
OPEN HOLE			12 1/4	K.B.	1758	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						1000
PERFORATIONS						

JOB DATA

CONFIDENTIAL

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		H
GUIDE SHOE Peg Coat 8 5/8	1	
CENTRALIZERS S-4 8 5/8	4	O
BOTTOM PLUG SW 8 5/8	1	W
TOP PLUG SW 8 5/8	1	
HEAD Insect w/PU 8 5/8	1	C
PACKER		O
OTHER		

CALLS OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	DATE	DATE	DATE
11-22-91	11-22-91	11-22-91	11-22-91
TIME 09:30	TIME 12:00	TIME 15:25	TIME 17:18

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
C. Davis	71322 PKUP	Liberal, KS.
T. Payer	118120 PCM	" "
J. New	414550 BUK 6612	Hugoton, KS.
A. Gilbert	99505 83145 Bulk 75505	" "
	Bulk 5302	" "

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 8 5/8 Surface

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Eugene Salaya

HALLIBURTON OPERATOR C. P. [Signature]

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	200	HLC	P+	B	1 3/4" Flo - 6 1/2" x 6 1" - 270 cc	2.27	12.8
2	275	HLC	P+	B	1 1/2" Flo - 270 cc	2.1	12.1
3	200	P+	P+	B	1 1/4" Flo - 270 cc	1.32	11.8

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 6 DISPL 6 OVERALL 6

CEMENT LEFT IN PIPE _____

FEET 412 REASON Insect Float

SUMMARY

PRESLUSH: BBL-GAL. _____

LOAD & BKDN: BBL-GAL. _____

TREATMENT: BBL-GAL. _____

CEMENT SLURRY: BBL-GAL. _____

TOTAL VOLUME: BBL-GAL. _____

REMARKS

Car C. no. Yes

Flo at 11:45 Yes

2500

FROM CONFIDENTIAL

FROM CONFIDENTIAL

RECEIVED STATE CORPORATION COMMISSION

JAN 02 1992

CONSERVATION DIVISION WICHITA, KANSAS

CUSTOMER: M. Long for the... LEASE: G. K. 1991... WELL NO.: 2-24... JOB TYPE: 8 5/8 Surface... DATE: 11-22-91