

ORIGINAL

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

Operator: License # 5003  
Name: McCoy Petroleum Corporation  
Address 3017 N. Cypress

City/State/Zip Wichita, KS 67226-4003

Purchaser: NCRA

Operator Contact Person: Steve O'Neill

Phone ( 316 ) 636-2737

Contractor: Name: Sweetman Drilling, Inc.

License: 5658

Wellsite Geologist: John Hastings

Designate Type of Completion  
 New Well  Re-Entry  Workover

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

If Workovers:

Operator: RELEASED

Well Name: SEP 16 1998

Comp. Date                      Old Total Depth                     

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

4-19-96 5-2-96 5-24-96  
Spud Date Date Reached TD Completion Date

API NO. 15- 119-20,961-0000  
County Meade County  
W of - N/2- NE-            Sec. 13 Twp. 33S Rge. 30  E/W  
660' Feet from SW (circle one) Line of Section  
1500' 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 Bromwell "A" Well # 1-13

Field Name                     

Producing Formation Lansing "G"

Elevation: Ground 2706' KB 2719'

Total Depth 5920' PBTB 4911'

Amount of Surface Pipe Set and Cemented at 1591' 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  
(Data must be collected from the Reserve Pit)

Chloride content 6000 ppm Fluid volume 1788 bbls

Dewatering method used Evaporation

Location of ~~fluid disposal~~ RECEIVED if hauled offsite:  
KANSAS CORPORATION COMMISSION

Operator Name                     

Lease Name NOV 19 1996 License No.                     

Quarter            Sec.            Twp.            S Rng.            E/W

County WICHITA, KS Docket No.                     

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 Petroleum Engineer Date 5-30-96

Subscribed and sworn to before me this 30 day of May, 1996.

Notary Public Krista L. Berblinger

Date Commission Expires October 5, 1999

 KRISTA L. BERBLINGER  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 10-5-99

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

Form ACO-1 (7-91)

\*\*\*Was 180'W of N2 NW NOW 180'W of N2 NE

JAN 19 1990

Operator Name McCoy Petroleum Corporation

Lease Name Bromwell "A" Well # 1-13

Sec. 13 Twp. 33S Rge. 30  
 East  
 West

County Meade

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:

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

See Attached

CASING RECORD

New  Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8"	24#	1591'	Prem + Mid-Con	125 315	1/2# Flo, 3%cc
Production		5-1/2"	119 @ 14# 9 @ 15.5#	4952.5	EA-2 Prem Lgt.C	50 75	

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	4822-4826'	Acidize w/250 gals acid.	Same
		Retreat w/1500 gals Mod-202 acid.	Same

TUBING RECORD	Size	Set At	Packer At	Liner Run	Production Interval
	2-7/8"	4891		<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)				
5-24-96					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	40		30		

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: 4822-4826'

McCoy Petroleum Corporation  
Bromwell "A" #1-13  
Section 13-33S-30W  
Meade County, Kansas

Page 2 ACO-1

**DST #1 3263'- 3278' (Council Grove 'E')**  
Open 30", SI 60", Open 60", SI 90"  
1st Open: Weak to strong blow OBB in 3 min.  
2nd Open: Weak to strong blow OBB then decr to 2" in 60 min  
Recovered: 70' Mud Cut Water  
1090' Slightly Gas Cut Saltwater (Chlorides 70,000 PPM)  
FP: 80-382 / 384-612#  
SIP: 817-818#

**DST #2 4818'- 4833' (Lansing 'G' Zone)**  
Open 30", SI 60", Open 60", SI 90"  
1st Open: GTS 6 min

Gauged:	60,200 CFG	after	10 min
	49,300 CFG		20 min
	34,700 CFG		30 min
2nd Open:	30,700 CFG		10 min
	28,000 CFG		20 min
	25,100 CFG		30 min
	31,900 CFG		40 min
	19,900 CFG		50 min
Catching Gas Sample (No Reading)			60 min

Recovered: 590' Clean Gassy Oil (35° Gravity) (65% Oil, 35% Gas)  
165' Heavy Gas and Mud Cut Oil (25% Oil, 54% Gas, 18% Mud)  
95' Heavy Gas and Oil Cut Water (6% Oil, 33% Gas, 61% Wtr)  
330' Gas Cut Saltwater (Chlorides 103,000 PPM)  
FP: 150-269 / 303-503#  
SIP: 1320-1292#

**DST # 3 5015'- 5036' (Swope Zone)**  
Open 30", SI 60" Open 60", SI 90"  
1st Open: Weak blow built to 6".  
2nd Open: Weak blow built to 3".  
Recovered: 40' Mud Cut Water  
645' Saltwater (Chlorides 101,000 PPM)  
FP: 40-223 / 223-375#  
SIP: 1634-1633

RELEASED

SEP 16 1998

FROM CONFIDENTIAL

RECEIVED  
KANSAS CORPORATION COMMISSION

NOV 19 1996

CONSERVATION DIVISION  
WICHITA, KS

McCoy Petroleum Corporation  
Bromwell "A" #1-13  
Section 13-33S-30W  
Meade County, Kansas

Page 3 ACO-1

*DST #4 5209'-5229' (Novinger Zone)*  
*Open 30", SI 60", Open 35", SI 60"*  
*1st Open: Weak blow incr to 2-1/2"*  
*2nd Open: Weak blow incr to 1-1/4"*  
*Recovered: 92' Water Cut Mud (40% Water, 60% Mud)*  
*91' Very Slightly Mud Cut Water (96% Water, 4% Mud)*  
*(Chlorides 58,000 PPM)*  
*FP: 33-78 / 83-123#*  
*SIP: 1732-1708#*

*DST #5 5746'- 5802' (Morrow Sand)*  
*Open 45", SI 60", Open 60", SI 90"*  
*1st Open: Weak blow incr to OBB in 23 min*  
*2nd Open: Strong blow OBB immediately*  
*Recovered: 800' GIP*  
*40' Slightly Gas Cut Mud (5% Gas, 95% Mud)*  
*FP: 146-101 / 42-48# (Plugging during first flow)*  
*SIP: 444-678#*

#### ELECTRIC LOGS

Wreford	3062(-343)
Council Grove	3175(-456)
Council Grove 'E'	3267(-548)
Heebner Shale	4436(-1717)
Lansing	4578(-1859)
Lansing 'A'	4617(-1898)
Lansing 'G' Zone	4822(-2103)
Stark Shale	5021(-2302)
Swope Zone	5026(-2307)
Hushpuckney Shale	5087(-2368)
Hertha Zone	5102(-2383)
Marmaton	5215(-2496)
Novinger Zone	5277(-2558)
Pawnee	5331(-2612)
Cherokee	5394(-2675)
Morrow Shale	5715(-2996)
Chester	5808(-3089)
RTD	5920(-3201)
LTD	5918(-3199)

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

180'

Operator: License # 5003

Name: McCoy Petroleum Corporation

Address 3017 N. Cypress

City/State/Zip Wichita, KS 67226-4003

Purchaser: NCRA

Operator Contact Person: Steve O'Neill

Phone ( 316 ) 636-2737

Contractor: Name: Sweetman Drilling, Inc.

License: 5658

Wellsite Geologist: John Hastings

Designate Type of Completion

New Well  Re-Entry  Workover

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

If Workover:

**RELEASED**

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

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

Comp. Date \_\_\_\_\_

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

4-19-96 5-2-96 5-24-96  
Spud Date Date Reached TD Completion Date

API NO. 15- 119-20,961

County Meade County

W of - N/2- ~~W~~ NE Sec. 13 Twp. 33S Rge. 30 X <sup>E</sup>

660' Feet from SW (circle one) Line of Section

1500' Feet from E/W (circle one) Line of Section

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

Lease Name Bromwell "A" Well # 1-13

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

Producing Formation Lansing "G"

Elevation: Ground 2706' KB 2719'

Total Depth 5920' PBTB 4911'

Amount of Surface Pipe Set and Cemented at 1591' 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 JH 12-17-96  
(Data must be collected from the Reserve Pit)

Chloride content 6000 ppm Fluid volume 1788 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name KCC

Lease Name MAY 24 1996 License No. \_\_\_\_\_

Quarter KCC Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County MAY 24 Docket No. \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 \_\_\_\_\_

Title Petroleum Engineer Date 5-30-96

Subscribed and sworn to before me this 30 day of May, 1996.

Notary Public Krista L. Berblinger

Date Commission Expires October 5 1999

 KRISTA L. BERBLINGER  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 10-5-99

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

SIDE TWO

Operator Name McCoy Petroleum Corporation

Lease Name Bromwell "A" Well # 1-13

Sec. 13 Twp. 33S Rge. 30  
 East  
 West

County Meade

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.)

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

List All E.Logs Run: **DUAL INDUCTION**  
**BOREHOLE COMPENSATED SONIC**  
**MICRO**  
**COMPENSATED NEUTRON**

See Attached

CASING RECORD

New  Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8"	24#	1591'	Prem+ Mid-Con	125 315	1/2# Flo, 3%cc
Production		5-1/2"	119 @ 14# 9 @ 15 5#	4952.5	EA-2 Prem Lgt.C	50 75	

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	4822-4826'	Acidize w/250 gals acid.	Same
		Retreat w/1500 gals Mod-202 acid.	Same

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-7/8"	4891		
Date of First, Resumed Production, SUD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
5-24-96				
Estimated Production Per 24 Hours	Oil 40 Bbls.	Gas Mcf	Water 30 Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 4822-4826'  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

ORIGINAL

McCoy Petroleum Corporation  
Bromwell "A" #1-13  
Section 13-33S-30W  
Meade County, Kansas

15-119-20961

CONFIDENTIAL

Page 2 ACO-1

**DST #1 3263'- 3278' (Council Grove 'E')**

Open 30", SI 60", Open 60", SI 90"

1st Open: Weak to strong blow OBB in 3 min.

2nd Open: Weak to strong blow OBB then decr to 2" in 60 min

Recovered: 70' Mud Cut Water

1090' Slightly Gas Cut Saltwater (Chlorides 70,000 PPM)

FP: 80-382 / 384-612#

SIP: 817-818#

**DST #2 4818'- 4833' (Lansing 'G' Zone)**

Open 30", SI 60", Open 60", SI 90"

1st Open: GTS 6 min

Gauged:	60,200 CFG	after	10 min
	49,300 CFG		20 min
	34,700 CFG		30 min
2nd Open:	30,700 CFG		10 min
	28,000 CFG		20 min
	25,100 CFG		30 min
	31,900 CFG		40 min
	19,900 CFG		50 min
Catching Gas Sample (No Reading)			60 min

RELEASED

SEP 16 1998

FROM CONFIDENTIAL

KCC

MAY 24

CONFIDENTIAL

Recovered: 590' Clean Gassy Oil (35° Gravity) (65% Oil, 35% Gas)

165' Heavy Gas and Mud Cut Oil (25% Oil, 54% Gas, 18% Mud)

95' Heavy Gas and Oil Cut Water (6% Oil, 33% Gas, 61% Wtr)

330' Gas Cut Saltwater (Chlorides 103,000 PPM)

FP: 150-269 / 303-503#

SIP: 1320-1292#

**DST # 3 5015'- 5036' (Swope Zone)**

Open 30", SI 60" Open 60", SI 90"

1st Open: Weak blow built to 6".

2nd Open: Weak blow built to 3".

Recovered: 40' Mud Cut Water

645' Saltwater (Chlorides 101,000 PPM)

FP: 40-223 / 223-375#

SIP: 1634-1633

RECEIVED  
KANSAS CORP COMM  
1998 MAY 31 A 11: 22

McCoy Petroleum Corporation  
Bromwell "A" #1-13  
Section 13-33S-30W  
Meade County, Kansas

CONFIDENTIAL

ORIGINAL

15-119-20961

Page 3 ACO-1

**DST #4 5209'-5229' (Novinger Zone)**

Open 30", SI 60", Open 35", SI 60"

1st Open: Weak blow incr to 2-1/2"

2nd Open: Weak blow incr to 1-1/4"

Recovered: 92' Water Cut Mud (40% Water, 60% Mud)

91' Very Slightly Mud Cut Water (96% Water, 4% Mud)

(Chlorides 58,000 PPM)

FP: 33-78 / 83-123#

SIP: 1732-1708#

**DST #5 5746'- 5802' (Morrow Sand)**

Open 45", SI 60", Open 60", SI 90"

1st Open: Weak blow incr to OBB in 23 min

2nd Open: Strong blow OBB immediately

Recovered: 800' GIP

40' Slightly Gas Cut Mud (5% Gas, 95% Mud)

FP: 146-101 / 42-48# (Plugging during first flow)

SIP: 444-678#

**ELECTRIC LOGS**

Wreford	3062(-343)
Council Grove	3175(-456)
Council Grove 'E'	3267(-548)
Heebner Shale	4436(-1717)
Lansing	4578(-1859)
Lansing 'A'	4617(-1898)
Lansing 'G' Zone	4822(-2103)
Stark Shale	5021(-2302)
Swope Zone	5026(-2307)
Hushpuckney Shale	5087(-2368)
Hertha Zone	5102(-2383)
Marmaton	5215(-2496)
Novinger Zone	5277(-2558)
Pawnee	5331(-2612)
Cherokee	5394(-2675)
Morrow Shale	5715(-2996)
Chester	5808(-3089)
RTD	5920(-3201)
LTD	5918(-3199)

KCC

MAY 24

CONFIDENTIAL

RECEIVED  
KANSAS CORP COMM  
1996 MAY 31 A 11:22

RELEASED

SEP 16 1998

FROM CONFIDENTIAL





INVOICE

ORIGINAL

INVOICE NO.	DATE
921243	04/20/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
RDMWELL A-1-19		LEADE		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE			TICKET DATE
LIBERAL	SWEETMAN	CEMENT SURFACE CASING			04/20/1996
ACCT NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
54850	EUGENE SALOOD			COMPANY TRUCK	06883

**CONFIDENTIAL**

DIRECT CORRESPONDENCE TO:

MCCOY PETROLEUM CO  
ATTN: KEITH MCCOY  
3012 N. CYPRESS  
WICHITA, KS 67224-3003

P O BOX 1598  
LIBERAL KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING ROUND TRIP	60 MI	1 UNT	2.85	171.00
	DISCOUNT (BTD)	30.0 %			51.30
000-119	MILEAGE FOR CREW RELEASED	60 MI	1 UNT	1.50	90.00
	DISCOUNT (BTD)	30.0 %			27.00
001-016	CEMENTING CASING	1591 FT	1 UNT	1,320.00	1,320.00
	DISCOUNT (BTD)	30.0 %			396.00
000-019	CEMENTING PLUG SW. PLASTIC TOP	8 5/8 IN	1 EA	135.00	135.00
	DISCOUNT (BTD)	30.0 %			40.50
000-018	CEMENTING PLUG SW. PLASTIC TOP	8 5/8 IN	1 EA	135.00	135.00
	DISCOUNT (BTD)	30.0 %			39.00
12A 825-317	BUDDY SHOE - 8 5/8" S.S.	1 EA		300.00	300.00
	DISCOUNT (BTD)	25.0 %			75.00
24A 815-19502	INSERT FLOAT VALVE - 8 5/8" BRD	1 EA		171.00	171.00
	DISCOUNT (BTD)	25.0 %			42.75
27 818-19414	FILL-UP UNK 7" 8 5/8"	1 EA		64.00	64.00
	DISCOUNT (BTD)	25.0 %			16.00

\*\*\*\*\* 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.



INVOICE

ORIGINAL

INVOICE NO.	DATE
921243	04/20/1996

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
FROMWELL A 1-13	MEADE	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL	SWEETMAN	CEMENT SURFACE CASING	04/20/1996		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
54550	EUGENE SALOGA			COMPANY TRUCK	06883

DIRECT CORRESPONDENCE TO:

MCCOY PETROLEUM CO.  
ATTN: KEITH MCCOY  
3017 N CYPRESS  
WICHITA, KS 67226-4003

**CONFIDENTIAL**

P O BOX 7598  
LIBERAL KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
41	CENTRALIZER - 8-5/8 X 12-1/4	4	EA	61.00	244.00
	DISCOUNT-(BID)	25.0 %			61.00
001-018	CEMENTING CASING - ADD HRS	3	HR	235.00	705.00
	DISCOUNT-(BID)	30.0 %			211.50
504-050	CEMENT - PREMIUM PLUS	200	SK	12.62	2,524.00
	DISCOUNT-(BID)	30.0 %			757.20
504-282	MIDCON-2 PREMIUM PLUS CEMENT	315	SK	16.76	5,279.40
	DISCOUNT-(BID)	30.0 %			1,583.82
507-210	FLOCELE	223	LB	1.65	367.95
	DISCOUNT-(BID)	30.0 %			110.98
509-406	ANHYDROUS CALCIUM CHLORIDE	13	SK	36.75	477.75
	DISCOUNT-(BID)	30.0 %			143.82
508-291	GILSONITE BULK	750	LB	.40	300.00
	DISCOUNT-(BID)	30.0 %			90.00
500-207	BULK SERVICE CHARGE FROM CONFIDENTIAL	72	CFI	1.05	772.20
	DISCOUNT-(BID)	30.0 %			231.66
500-306	MILEAGE CHRG MAT DEL OR RETURN	1547.37	TMI	.95	1,470.00
	DISCOUNT-(BID)	30.0 %			441.00
INVOICE SUBTOTAL					14,521.30

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

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INVOICE

ORIGINAL

INVOICE NO.	DATE
921243	04/20/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
IRONWELL A 1-13		MEADE		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	SWEETMAN	CEMENT SURFACE CASING		04/20/1996	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
54550	EUGENE SALDOA			COMPANY TRUCK	06883

DIRECT CORRESPONDENCE TO:

MCCOY PETROLEUM CO.  
ATTN: KEITH MCCOY  
3017 N. CYPRESS  
WICHITA, KS 67226-4003

**CONFIDENTIAL**

P O BOX 1598  
LIBERAL KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	DISCOUNT-(BID)				4,317.43-
	INVOICE BID AMOUNT				10,203.87
	*-KANSAS STATE SALES TAX				421.58
	*-LIBERAL CITY SALES TAX				86.05
	*-SEWARD COUNTY SALES TAX				129.07
<b>INVOICE TOTAL</b>					<b>10,940.57</b>

hcc  
MAY 24  
**CONFIDENTIAL**

RELEASED

SEP 16 1998

FROM CONFIDENTIAL

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INVOICE

ORIGINAL

INVOICE NO.	DATE
919442	05/02/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
IRONWELL A 1-12		MEADE		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
LIBERAL				CEMENT PRODUCTION CASING	
				TICKET DATE	
				05/02/1996	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
34550	CLIFFORD OLLER			COMPANY TRUCK	07617

**CONFIDENTIAL**

DIRECT CORRESPONDENCE TO:

MCCOY PETROLEUM CO  
ATTN: KELIN MCCOY  
3017 N. CYPRESS  
WICHITA, KS 67226-4003

P.O. BOX 1598  
LIBERAL KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING ROUND TRIP	70 MI	1 UNT	2.85	199.50
	DISCOUNT-(BID)	30.0 %			59.85
000-119	MILEAGE FOR CRU	70 MI	1 UNT	1.50	105.00
	DISCOUNT-(BID)	30.0 %			31.50
001-016	CEMENTING CASING	4932 FT	1 UNT	1,765.00	8,706.00
	DISCOUNT-(BID)	30.0 %			2,611.80
40	GENERALIZER-5-1/2" X 7-7/8" MAY 2, 4	3 EA		60.00	180.00
806,60022	DISCOUNT-(BID)	25.0 %			45.00
80	FORM PKR. EDGE FLAP-GLV 5-1/2"	1 EA		2,701.00	2,701.00
855,137	DISCOUNT-(BID)	15.0 %			405.15
018-317	SUPER FLUSH	12 SK		100.00	1,200.00
	DISCOUNT-(BID)	30.0 %			360.00
504-043	CEMENT - PREMIUM	50 SK		11.08	554.00
	DISCOUNT-(BID)	30.0 %			166.20
504-120	CEMENT - HALL LIGHT PREM PLUS	75 SK		11.12	834.00
	DISCOUNT-(BID)	30.0 %			250.20
509-127	CAL SEAL 30	5 SK		25.90	129.50
	DISCOUNT-(BID)	30.0 %			38.85

RELEASED

SEP 16 1998

FROM CONFIDENTIAL

\*\*\*\*\* CONTINUE ON NEXT PAGE \*\*\*\*\*

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ORIGINAL

919442 05/02/1998

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
ROMWELL A 1-12	MEADE	KS	BAKE

SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
IBERG		CEMENT PRODUCTION CASING	05/02/1998

ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
054550	CLIFFORD GILER			COMPANY TRUCK	07617

COPIES AND ACCESSORIES

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DIRECT CORRESPONDENCE TO:  
 MCCOY PETROLEUM CO  
 ATTN: KELIH MCCOY  
 3017 N CYPRESS  
 WICHITA, KS 67226-4003

P.O. BOX 1598  
 LIBERAL KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
507-266	SALT	322 LB		15	48.30
	DISCOUNT (BID)	30.0 %			14.49
507-275	HAZ AD-372	28 LB		7.00	196.00
	DISCOUNT (BID)	30.0 %			58.80
509-476	ANHYDROUS CEMENT FROM CONFIDENTIAL	2 BK		36.75	73.50
	DISCOUNT (BID)	30.0 %			22.05
500-207	BULK SERVICE CHARGE	140 CFT		1.35	189.00
	DISCOUNT (BID)	30.0 %			54.70
500-306	MILEAGE TO/FRM MAT DEL OR RETURN	376.2 TMI		.28	107.37
	DISCOUNT (BID)	30.0 %			107.21
INVOICE SUBTOTAL					6,532.19
DISCOUNT (BID)					2,145.50
INVOICE BID AMOUNT					4,386.69
KANSAS STATE SALES TAX					192.15
LIBERAL CITY SALES TAX					10.64
SEWARD COUNTY SALES TAX					60.97
TOTAL TAXES					263.76
INVOICE TOTAL					4,650.45
PLEASE PAY THIS ACCOUNT					4,650.45

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PAGE 1