

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: Post & Mastin Well Service
License: 8438
Wellsite Geologist: CONFIDENTIAL

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD S10W Temp. Abd.
 Gas EMHR SIGW
 Dry Other (Core, VSV, Expl., Cathodic, etc.)

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

Operator: McCoy Petroleum Corporation
Well Name: Same
Comp. Date 9-2-93 Old Total Depth 4825'
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SVD or Inj?) Docket No. _____

3-14-95 3-28-95
Date OF START OF WORKOVER Date Reached TD Completion Date OF WORKOVER

15-171-20,457-0001

ORIGINAL

County Scott
C SE NW Sec. 15 Twp. 19S Rge. 33 X^L_V

3300 Feet from S (circle one) Line of Section
3300 Feet from E (circle one) Line of Section

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

Lease Name Feiertag "A" Well # 2-15
Field Name Millrich Southeast Pool

Producing Formation St. Louis/Lansing "A"

Elevation: Ground 2958' KB 2971'

Total Depth 4825' PBTD 4786'

Amount of Surface Pipe Set and Cemented at 387 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1937 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ ex cnt.

Drilling Fluid Management Plan REWORK JW 3-29-96
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid RELEASED bbls

Dewatering method used MAY 6 1996

Location of fluid disposal if hauled offsite: _____

Operator Name APR 10 FROM CONFIDENTIAL
WICHITA, KS
KANSAS CORPORATION COMMISSION

Lease Name GOI License No. APR 12 1995
Quarter _____ Sec. _____ Twp. S Rng. _____ E/W

County _____ Docket No. _____
CONSERVATION DIVISION
WICHITA, KS

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 Steve O'Neill
Title Petroleum Engineer Date 3-31-95

Subscribed and sworn to before me this 31st day of March 19 95.

Notary Public Deborah Ann Paulus

Date Commissioned January 8, 1996
DEBORAH ANN PAULUS
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 1-8-96

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SVD/Rep
<input type="checkbox"/>	KCS	<input type="checkbox"/> Plug
		<input type="checkbox"/> KCPA
		<input type="checkbox"/> Other (Specify)

Operator Name McCoy Petroleum Corporation

Lease Name Feiertag "A"

Well # 2-15

Sec. 15 Twp. 19S. Rge. 33

East
 West

County Millrich Southeast Pool

15-171-20457-00-01

ORIGINAL

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.) Yes No
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run (Submit Copy.) Yes No
List All E.Logs Run:
See Attached

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

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MAY 6 1996

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See Attached

COPIES

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#	387'	Prem +	250	3%CC, 1/2 FLO
Production		5-1/2"	15.5#	4833'	C1 H Prem	275	10%EA-2
DV Tool				1937	C1 H Prem	350	1%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				

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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	3877-3882'	Acidize w/2000 gals 15% NE-FE	same
4	4674-4686'	Acidize w/1500 gals 15% FE/PAD	
		Re-acidize w/5000 gls MOD-202	
		acid w/15 gals LOSURF-3000.	Same

CONSERVATION DIVISION

TUBING RECORD	Size	Set At	Packer At	Liner Run	Flowing	Pumping	Gas Lift	Other (Explain)
	2-7/8 "	EUE	4750.49	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Date of First, Resumed Production, SWD or Inj.	Producing Method							
3-25-95	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)							
Estimated Production Per 24 Hours	Oil	Sble.	Gas	Mcf	Water	Bble.	Gas-Oil Ratio	Gravity
	112				43			

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
3877-3882'
4674-4686'

McCoy Petroleum Corporation
#2-15 Feiertag "A"
C SE NW Section 15-19S-33W
Scott County, Kansas

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ORIGINAL

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API#15-171-20457-0001

DST #1 3608-3620' (Topeka "C" zone) Straddle packers.
Open 30", S.I. 60", Open 30", S.I. 60"
Weak blow, died in 20" on 1st open.
No blow on 2nd open.
Recovered 20' of mud with oil specks.
FP 29-29# 50-50#
ISIP1040# FSIP 1010#

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DST #2 3758-3786' (Oread "A" zone) Straddle packers.
Open 30", S.I. 60", Open 90", S.I. 90"
Weak blow, increased to 2" blow on 1st open period.
Very weak steady blow throughout 2nd open period.
Recovered 130' of clean gassy oil. (20% gas, 80% oil) 19.8 degrees gravity.
80' of heavily mud cut oil. (60% oil, 40% mud)
FP 23-47# 82-117#
ISIP 973# FSIP 937#

DST #3 3870-3889' (Lansing "A" zone)
Open 30", S.I. 60", Open 90", S.I. 120"
Weak blow, increased to good 10" blow on 1st open period.
Weak blow, increased to strong OBB/70" on 2nd open period.
Recovered 256' of gas in pipe,
455' of clean gassy oil, (20% gas, 80% oil) 22.2 degrees gravity.
90' of gassy oil cut mud. (20% gas, 30% oil, 50% mud)
FP 47-94# 153-224#
ISIP 1032# FSIP 997#

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DST #4 3903-3925' (Lansing "B" zone)
Open 30", S.I. 60", Open 60", S.I. 90"
Strong blow, OBB/4" on 1st open period.
Strong blow, OBB/5" on 2nd open period.
Recovered 1155' of total fluid as follows:
735' of gas in pipe,
825' of clean gassy oil, (25% gas, 75% oil) 21.4 degrees gravity.
120' of slightly oil and water cut mud, (5% oil, 75% mud, 20% water)
210' of very slightly oil cut muddy water. (3% oil, 30% mud, 67% water)
(20,000 ppm chlorides)
FP 93-207# 322-467#
ISIP 1020# FSIP 1020#

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WICHITA, KS

DST #5 3931-3958' (Lansing "C" zone)
Open 30", S.I. 60", Open 90", S.I. 120"
Weak blow, built to 1" blow on 1st open period.
Weak blow, built to 2" blow on 2nd open period.
Recovered 140' of gas in pipe,
80' of clean gassy oil, (30% gas, 70% oil) 24.0 degrees gravity.
90' of oil and gas cut mud. (20% gas, 20% oil, 60% mud)
FP 52-52# 72-93#
ISIP 1050# FSIP 1040#

McCoy Petroleum Corporation
#2-15 Feiertag "A"
C SE NW SEction 15-19S-33W
Scott County, Kansas

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API# 15-191-20457-0001

DST #6 3965-3987' (Lansing "D" zone)
Open 30", S.I. 60", Open 90", S.I. 120"
Weak blow, increased to strong blow OBB in 19" on 1st open. 1/4" return blow.
Weak blow, increased to strong blow OBB in 20" on 2nd open. 8" return blow.
Recovered 255' of gas in pipe,
425' of clean gassy oil, (15% gas, 85% oil) 21.4 degrees gravity.
160' of slightly oil cut watery mud, (2% oil, 50% mud, 48% water)
90' of slightly oil and mud cut water. (2% oil, 10% mud, 88% water)
(24,000 ppm chlorides)

FP 72-135# 218-311#
ISIP 1040# FSIP 1020#

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DST #7 4053-4076' (LKC "G" zone)
Open 30", S.I. 60", Open 90", S.I. 120"
Weak blow, increased to fair 8" blow on 1st open period.
Weak blow, increased to good OBB in 25" on 2nd open period.
Recovered 230' of gas in pipe,
140' of clean oil, (23 degrees gravity)
90' of slightly mud and water cut oil, (80% oil, 13% mud, 7% water)
360' of slightly oil and mud cut water. (5% oil, 10% mud, 85% water)
(30,000 ppm chlorides)

FP 10-93# 155-259#
ISIP 1070# FSIP 1040#

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DST #8 4097-4123' (LKC "H" zone)
Open 30", S.I. 60", Open 90", S.I. 120"
Weak blow, increased to fair 6" blow on 1st open period.
Weak blow, increased to fair 9" blow on 2nd open period.
Recovered 130' of gas in pipe,
230' of clean gassy oil, (22 degrees gravity)
90' of heavily mud cut oil.

FP 41-62# 114-145#
ISIP 1070# FSIP 1090#

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DST #9 4125-4134' (LKC "I" zone)
Open 30", S.I. 60", Open 60", S.I. 90"
Strong blow, OBB in 5" on 1st open period.
Strong blow, OBB in 4" on 2nd open period.
Recovered 20' of slightly oil cut muddy water, (3% oil, 10% mud, 87% water)
1710' of water. (52,000 ppm chlorides)

FP 94-389# 471-877#
ISIP 1336# FSIP 1313#

DST #10 4150-4167' (LKC "J" zone)
Open 30", S.I. 60", Open 90", S.I. 120"
Weak blow, increased to 4" blow on 1st open period.
Weak blow, increased to 11" blow on 2nd open period.
Recovered 140' of clean gassy oil, (5% gas, 95% oil) 18 degrees gravity.
70' of gassy mud cut oil, (10% gas, 60% oil, 30% mud)
90' of oil and gas cut mud, (20% gas, 20% oil, 60% mud)
180' of sulfur water with a scum of oil. (38,000 ppm chlorides)

FP 62-72# 176-228#
ISIP False (O-ring leaked) FSIP 1130#

McCoy Petroleum Corporation
#2-15 Feiertag "A"
C SE NW Section 15-19S-33W
Scott County, Kansas

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API #15-171-20457-0001

CONSERVATION DIVISION
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DST #11 4180-4208' (LKC Lower "J" zone)
Open 30", S.I. 30", Open 30", S.I. 30"
Strong blow, OBB in 1" on 1st open period.
Strong blow, OBB in 3" on 2nd open period.
Recovered 140' of watery mud with a scum of oil,
2340' of sulfur water. (36,000 ppm chlorides)
FP 330-973# 1091-1137#
ISIP 1126# FSIP 1161#

DST #12 4215-4235' (LKC "K" zone)
Open 30", S.I. 60", Open 60", S.I. 90"
Strong blow, OBB in 6" on 1st open period.
Strong blow, OBB in 7" on 2nd open period.
Recovered 335' of gas in pipe,
340' of clean gassy oil, (10% gas, 90% oil) 24.4 degrees gravity.
135' of gas, oil and water cut mud, (10% gas, 10% oil, 60% mud, 20% water)
720' of sulfur water. (42,000 ppm chlorides)
FP 93-249# 353-509#
ISIP 1130# FSIP 1150#

DST #13 4326-4349' (Marmaton "B" zone)
Open 30", S.I. 60", Open 90", S.I. 120"
Strong blow, OBB in 8" on 1st open period.
Strong blow, OBB in 10" on 2nd open period.
Recovered 1200' of gas in pipe,
270' of clean gassy oil, (40% gas, 60% oil) 27.8 degrees gravity.
180' of gassy oil cut mud. (45% gas, 20% oil, 35% mud)
FP 83-114# 155-187#
ISIP 374# FSIP 384#

DST #14 4543-4569' (Lower Cherokee)
Open 30", S.I. 60", Open 90", S.I. 120"
Strong blow, OBB in 13" on 1st open.
Strong blow, OBB in 15" on 2nd open.
Recovered 110' of gas in pipe,
35' of gassy oil, (23 degrees gravity)
953' of gassy water. (40,000 ppm chlorides)
FP 37-166# 259-447#
ISIP 1200# FSIP 1180#

DST #15 4574-4624' (1st and 2nd Morrow Sands)
Open 30", S.I. 60", Open 90", S.I. 120"
Weak blow, increased to 10" blow on 1st open period.
Weak blow, increased to OBB/60" on 2nd open period.
Recovered 200' of total fluid as follows:
20' of clean gassy oil, (10% gas, 90% oil) 24.4 degrees gravity.
90' of gassy oil cut mud, (40% gas, 15% oil, 45% mud)
90' of oil and gas cut mud. (10% gas, 15% oil, 75% mud).
FP 62-83# 104-124#
ISIP 569# FSIP 499#

DST #16 4672-4686' (St. Louis)
Open 30", S.I. 60", Open 90", S.I. 120"
Strong blow, OBB in 12" on 1st open period. ISIP return blow, OBB in 38".
Strong blow, OBB in 10" on 2nd open period. FSIP return blow, OBB in 44".
Recovered 1810' of gas in pipe,
710' of total fluid as follows:
530' of clean gassy oil, (40% gas, 60% oil) 24 degrees gravity.
90' of gas cut muddy oil, (10% gas, 40% oil, 50% mud)
90' of oil cut mud. (10% oil, 90% mud)
FP 41-93# 187-280#
ISIP 1110# FSIP 1110#

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COPY

ELECTRIC LOG TOPS

B/Stone Corral	2216 (+ 755)
Krider	2650 (+ 321)
Winfield	2692 (+ 279)
Topeka	3570 (- 599)
Oread "A"	3764 (- 793)
Heebner	3826 (- 855)
Toronto	3837 (- 866)
Lansing "A"	3872 (- 901)
Lansing "B"	3914 (- 943)
Lansing "C"	3934 (- 963)
Lansing "D"	3977 (-1006)
LKC "G"	4063 (-1092)
LKC "H"	4110 (-1139)
LKC "I"	4127 (-1156)
LKC "J"	4160 (-1189)
LKC "Lower J"	4184 (-1213)
LKC "K"	4228 (-1257)
Marmaton "A"	4314 (-1343)
Marmaton "B"	4335 (-1364)
Pawnee	4390 (-1419)
Fort Scott	4416 (-1445)
Cherokee	4427 (-1456)
1st L/Cherokee porosity	4542 (-1571)
2nd L/Cherokee porosity	4556 (-1585)
Morrow Shale	4574 (-1603)
1st Morrow Sand	4590 (-1619)
2nd Morrow Sand	4610 (-1639)
Mississippian	4638 (-1667)
St. Louis porosity	4672 (-1701)
Log Total Depth	4835 (-1864)

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