

Free

FORM MUST BE TYPED

SIDE ONE

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 Street
City/State: Wichita, KS
Zip: 67226-4003

Purchaser: Gas: K N Energy, Inc.
Oil: Petro Source Corporation

Operator Contact Person: Steve O'Neill
Phone: (316) 636-2737

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

Wellsite Geologist: Corey N. Baker

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:
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. _____

9/3/97 9/13/97 10/22/97
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21659
County Seward

Spot Location: Appx. 280'N & 230'E of _____ E
_____ SE SW SW Sec. 20 Twp. 31s Rge. 34w W

610 _____ Feet from (S)N (circle one) Line of Section
4181 _____ 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 LAHEY "G" Well # 2-20

Field Name Silverman NW

Producing Formation Mississippian

Elevation: Ground 2848' KB 2857'

Total Depth 5850' PBTD 5149'

Amount of Surface Pipe Set and Cemented at 1413' 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 A.H. 1, 10-13-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 2000 _____ Fluid Volume 1500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name Nichols Fluid Service

Lease Name JOHNSON #1-16 SWDW License Lo. 31983

NE/4 Quarter Sec. 16 Twp. 34s S Rng. 32W E/W

County Seward Docket No. D-21572

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 Brent B. Reinhardt

Title Brent B. Reinhardt, Regulatory Geologist Date 11/25/97

Subscribed and sworn to before me this 25th day of November 19 97

Notary Public Lori R. Koehn

Date Commission Expires October 5, 1999

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) TOG

LORI R. KOEHN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 11-5-99

Operator Name McCoy Petroleum Corporation Lease Name LAHEY "G" Well # 2-20

Sec. 20 Twp. 31s Rge. 34w
 East
 West

County Seward

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Attached Log Tops:	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run: <u>Schlumberger / Halliburton</u>			
<u>Compensated Neutron Litho Density, Array Induction Micro-</u>			
<u>Resistivity, Microlog / Cement Bond Log</u>			
<u>Geological Report</u>			
See Attached DST Reports:			

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 Aciditives
Surface	12 1/4"	8 5/8"	24#	1413'	Mid-Con	500	3%CaCl, 6#Gils.
Production	7 7/8"	4 1/2"	10.5#	5847'	Premium "H"	175	15%Salt,10#Gils.

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	3270' DV Tool	Mid-Con II	325	2% CaCl, 1/4# Flocele
<input type="checkbox"/> Plug Back TD				
<input checked="" 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	5572-5578' Chester (Miss)	AC: 250 gals 7.5% FE-NE, 1000 gals diesel containing HyFlo., SWB: 11.19 bbls of oily diesel on 3rd Hr, FR:12000 gals gelled diesel, 16100# 20/40 sand, SWB: 30.42 bbls .5% BS Flowing.	5578'

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>5547'</u>	Packer At <u>None</u>	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method			
<u>10/22/97</u>	<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 Bbls. <u>43</u>	Gas Mcf <u>50</u>	Water Bbls. <u>14</u>	Gas-Oil Ratio <u>1 BOPD:1.16 MCFPD</u>

Disposition of Gas: Vented Sold Used on Lease

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: 5572-5578' Chester (Miss)

(If vented, submit AC0-18) Other (Specify) _____

COPY

McCoy Petroleum Corporation
 Lahey 'G' #2-20
 Appx. 280'N & 230'E of SE SW SW
 (610' FSL & 1090' FWL)
 Section 20-31S-34W
 Seward County, Kansas
 API# 15-175-21,659
 Spud 9-03-97

CONFIDENTIAL

ACO-1 Continued

DRILL STEM TEST:

DST#1 5572'- 5603' (Chester Sand)

Open 30", SI 60", Open 60", SI 120"

1st Open: GTS 20 min.

Gauged:	59,200 CFG	after	25 min
	59,200 CFG		30 min
2nd Open:	23,900 CFG		10 min
	27,000 CFG		20 min
	27,000 CFG		30 min
	26,100 CFG		40 min
	23,900 CFG		50 min
	21,800 CFG		60 min

Recovered: 656' Total Fluid

480' Clean Gassy Oil (40% gas, 60% oil)

176' Heavy Gas and Oil Cut Mud

(35% gas, 15% oil, 50% mud)

FP: 255-239 / 113-235#

SIP: 1618-1590#

DST#2 5690'- 5714' (Mississippi Porosity) (Straddle Test)

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

1st Open: Strong blow OBB in 2 min

2nd Open: Strong blow OBB in 33 min

Recovered: 100' Watery Mud w/ Oil Specks

985' Muddy Water (Chlorides 17,000 PPM)

FP: 320-397 / 467-538#

SIP: 1412-1268#

RELEASED

NOV 06 2000

FROM CONFIDENTIAL

NOV

NOV 25

CONFIDENTIAL

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KANSAS CONSERVATION COMMISSION

DEC 01 1997

CONSERVATION DIVISION
WICHITA, KS

*McCoy Petroleum Corporation
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ACO-1 Continued

ELECTRIC LOG TOPS:

Heebner Shale	3980	(-1123)
Stark Shale	4551	(-1694)
Swope Zone	4560	(-1703)
Swope Ø	4580	(-1723)
Hushpuckney Sh.	4603	(-1746)
Marmaton	4720	(-1861)
Cherokee Sh.	4923	(-2066)
Morrow Sh.	5247	(-2390)
Morrow Sd.	No development	
Chester Marker Lime	5475	(-2618)
Chester Sand	5570	(-2713)
St. Genevieve	5585	(-2728)
St. Louis	5652	(-2795)
RTD	5850	(-2993)
LTD	5850	(-2993)