

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

APR NO 15 175-21,516

COPY

gnd

County Seward

SE SW NE Sec. 29 Twp. 31S Rge. 34 X^L_V

2970 Feet from S (circle one) Line of Section

3689 Feet from E (circle one) Line of Section

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

Lease Name Lahey Trust "C" Well # 1-29

Field Name _____

Producing Formation Upper Morrow Sand

Elevation: Ground 2850' KB 2863

Total Depth 5758 PBD 5706

Amount of Surface Pipe Set and Cemented at 1461' Feet

Multiple Stage Cementing Collar Used? X Yes _____ No _____

If yes, show depth set 3251 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ SX CNT.

Drilling Fluid Management Plan ALT 1 JK 12-12-96
(Data must be collected from the Reserve Pit)

Chloride content 6000 ppm Fluid volume 35 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: NUL

Operator Name FEB 21

Lease Name CONF License 1-15

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/V

County _____ Docket No. _____

Writer: License # 5003

Name: McCoy Petroleum Corporation

Address 3017 N. Cypress

CONFIDENTIAL

City/State/Zip Wichita, KS 67226

Purchaser: Northern Natural Gas

Operator Contact Person: Steve O'Neill

Phone (316) 636-2737

Driller: Name: Sweetman Drilling, Inc.

License: 5658

Geologist: John Hastings

Design: Type of Completion
X New Well _____ Re-Entry _____ Workover _____

Oil _____ SVD _____ SIOV _____ Temp. Abd.
Gas _____ ENHR X SIGV
Dry _____ Other (Core, WSV, Expl., Cathodic, etc.)

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

RELEASED

Operator: _____

Well Name: APR 6 1998

Comp. Date _____ Old Total Depth _____

FROM CONFIDENTIAL

Deepening _____ Re-perf. _____ Conv. to Inj/SVD _____

Plug Back _____ PBD _____

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SVD br Inj?) Docket No. _____

1-27-96 2-9-96 2-20-96

Spud Date _____ Date Reached TD _____ Completion Date _____

TICKETS: 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 slide 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.

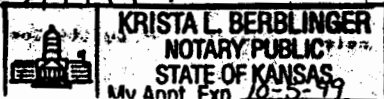
Signature [Signature]

Title Petroleum Engineer Date 2-26-96

Subscribed and sworn to before me this 26 day of February 1996

Notary Public Krista L. Berblinger

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	☐ SVD/Rep	☒ NGPA
☐ KCS	☐ Plug	☐ Other (Specify)

Operator Name McCoy Petroleum Corporation Lease Name Lahey Trust "C" Well # 1-29
 Sec. 29 Twp. 31S Rge. 34 ☐ 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 ☒ Yes ☐ No (Attach Additional Sheets.) ☒ Log Formation (Top), Depth and Datums ☐ Sample
 Samples Sent to Geological Survey ☒ Yes ☐ No Name Top Datum
 Cores Taken ☐ Yes ☒ No
 Electric Log Run ☒ Yes ☐ No (Submit Copy.)
 List All E.Logs Run: **DUAL-SPACED NEUTRON**
LONG SPACED SONIC
 See Attached **MICRO** See Attached
DUAL INDUCTION

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#	1461'	Prem+ Mid Con	200 230	1/2#fc
Production		5-1/2"	15 1/2#	5755'	Prem C1 H	200	
DV Tool				3251'	Prem + Mid	275	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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	5286 to 5314'		

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2-7/8"	5315			
Date of First, Resumed Production, SWD or Inj.	Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)				
Waiting on pipeline conn.					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		2,290			

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☒ Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ☐ Fully Comp. ☐ Commingled ☐ Other (Explain)
 (If vented, submit ACO-18.)
 Production Interval **5286 to 5314'**

COPY

McCoy Petroleum Corporation
 Lahey Trust "C" #1-29
 SE SW NE Section 29-31S-34W
 Seward County, Kansas

CONFIDENTIAL

15-175-21516

Page 2 ACO-1

DST #1 4597'- 4618' (Kansas City 'A' Zone)

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

1st Open: Strong blow OBB in 1 min.

2nd Open: Strong blow OBB in 10 min.

Recovered: 1990' GIP

270' Gas and Oil Cut Watery Mud

(15% Gas, 15% Oil, 35% Water, 35% Mud)

780' Saltwater

FP: 160-270 / 340-490#

SIP: 1262-1243#

RELEASED

APR 6 1998

FROM CONFIDENTIAL

DST #2 5262'- 5298' (Upper Morrow Sand)

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

1st Open: GTS 1 min.

Gauged: 5,543,000 CFG after 5 min.

1-1/2" choke / Merla orifice tester

6,140,000 CFG 10 min

6,200,000 CFG 15 min

6,379,000 CFG 20 min

6,379,000 CFG 25 min

6,856,000 CFG 30 min

2nd Open: 5,690,000 CFG after 5 min

2" choke measured w/Pitot tube

8,060,000 CFG 10 min

9,010,000 CFG 20 min

8,942,000 CFG 30 min

8,942,000 CFG 40 min

8,942,000 CFG 50 min

8,942,000 CFG 60 min

Recovered: 5' Condensate

FP: 1713-1713 / 1713-1713#

SIP: 1734-1723#

DST #3 5299'- 5318' (Morrow Sand)

Open 30", SI 60", Open 75", SI 120"

1st Open: GTS 2 min.

Gauged 5,690,000 CFG after

5 min

2" choke measured w/Pitot tube

7,600,000 CFG 10 min

8,060,000 CFG 15 min

9,980,000 CFG 20 min

9,495,000 CFG 25 min

9,010,000 CFG 30 min

2nd Open: 6,160,000 CFG 10 min

9,010,000 CFG 20 min

8,942,000 CFG 30 min

8,942,000 CFG 40 min

8,942,000 CFG 50 min

8,942,000 CFG 60 min

Recovery: 5' Condensate

FP: 1725-1725 / 1725-1725#

SIP: 1749-1749#

RECEIVED
 KANSAS CORP COMM
 1998 FEB 29 A 11: 15

NOV
 FEB 2 1
 CONFIDENTIAL

DST #4 5650'- 5695' (Chester Sand)
Open 30", SI 60", Open 30", SI 60"
1st Open: Weak surface blow died in 25 min
2nd Open: No blow
Recovered: 10' Mud
FP: 70-70 / 90-90#
SIP: 192-160#

CONFIDENTIAL

COPY

15-175-21516

ELECTRIC LOGS

Heebner Shale	4020(-1157)
Lansing	4121(-1258)
Stark Shale	4582(-1719)
KC 'A'	4590(-1727)
KC 'A' Ø	4610(-1747)
Hushpuckney Shale	4632(-1769)
KC 'B'	4635(-1772)
Marmaton	4749(-1888)
Marmaton 'B' Zone	4786(-1923)
Pawnee	4874(-2011)
Fort Scott	4914(-2051)
Cherokee	4946(-2083)
Morrow Shale	5269(-2406)
Morrow Sand	5285(-2422)
Chester	5465(-2602)
Chester Sand	5649(-2786)
RTD	5758(-2895)
LTD	5757(-2894)

RELEASED

APR 6 1998

FROM CONFIDENTIAL

RECEIVED
KANSAS CORP COMM
1998 FEB 29 A 11:15

NOV
FEB 21
CONFIDENTIAL