

**Well Name:** Ohama Hotel 2-4  
**Company:** McCoy Petroleum Corp.  
**Location:** 4-19s-25w  
Ness county Kansas  
**Date:** 10-18-99

TRILOBITE TESTING L.L.C.

OPERATOR : McCoy Petroleum Corp.  
 WELL NAME: Omaha Hotel 2-4  
 LOCATION : 4-19s-25w Ness co KS  
 INTERVAL : 4400.00 To 4445.00 ft

DATE 10-13-99  
 KB 2463.00 ft TICKET NO: 11949 DST #1  
 GR 2458.00 ft FORMATION: Mississippi  
 TD 4445.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11057	11057	11058			PF Fr. 0820 to 0850 hr
SI 60 Range(Psi )	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 0850 to 0950 hr
SF 60 Clock(hrs)	12	12	12			SF Fr. 0950 to 1050 hr
FS 90 Depth(ft )	4442.0	4442.0	4410.0	0.0	0.0	FS Fr. 1050 to 1220 hr

	Field	1	2	3	4	
A. Init Hydro	2185.0	2205.0	0.0	0.0	0.0	T STARTED 0615 hr
B. First Flow	44.0	66.0	0.0	0.0	0.0	T ON BOTM 0815 hr
B1. Final Flow	145.0	154.0	0.0	0.0	0.0	T OPEN 0820 hr
C. In Shut-in	1253.0	1264.0	0.0	0.0	0.0	T PULLED 1220 hr
D. Init Flow	159.0	179.0	0.0	0.0	0.0	T OUT 1455 hr
E. Final Flow	280.0	290.0	0.0	0.0	0.0	
F. Fl Shut-in	1253.0	1261.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2174.0	2183.0	0.0	0.0	0.0	Tool Wt. 5000.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 80000.00 lbs
						Initial Str Wt 62000.00 lbs
						Unseated Str Wt 66000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3953.00 ft

RECOVERY

Tot Fluid 723.00 ft of 0.00 ft in DC and 723.00 ft in DP  
 300.00 ft of Gas in pipe  
 423.00 ft of Clean gassy oil 20% gas 80% oil  
 300.00 ft of Gassy mud cut oil 35% gas 45% oil 30% mud  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.40 lb/cf
Vis.	45.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	

BLOW DESCRIPTION

Initial Flow:  
 Slow build to bottom of bucket  
 in 19 mins.  
 Initial Shut-in:  
 Bleed off for 3 mins. weak surface  
 return in 8 mins. blew throughout  
 Final Flow:  
 1/2" at open, slow build to bottom  
 of bucket in 21 mins.  
 Final Shut-in:  
 Bleed off for 3 ins. weak surface  
 blow in 5 mins. died in 40 mins.

Amt. of fill	0.00 ft
Btm. H. Temp.	105.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Shane McBride
Co. Rep.	Corey Baker
Contr.	Shields
Rig #	1
Unit #	
Pump T.	

SAMPLES:  
 SENT TO:

Test Successful: Y

CALCULATED RECOVERY ANALYSIS

DST 1

TICKET 11949

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
DRILL 1	423	20	84.6	80	338.4	0	0	0	0
PIPE 2	300	25	75	45	135	0	0	30	90
3	0	0	0	0	0	3	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
WEIGHT 1	0	0	0	0	0	0	0	0	0
PIPE 2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
DRILL 1	0	0	0	0	0	0	0	0	0
COLLARS 2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
TOTAL	723	0	159.6	0	473.4	0	0	0	90

BBL OIL= 6.731748 \* HRS OPEN 1.5 = BBL/DAY 107.708  
 BBL WATER= 0 \* , = 0  
 BBL MUD= 1.2798  
 BBL GAS = 2.269512

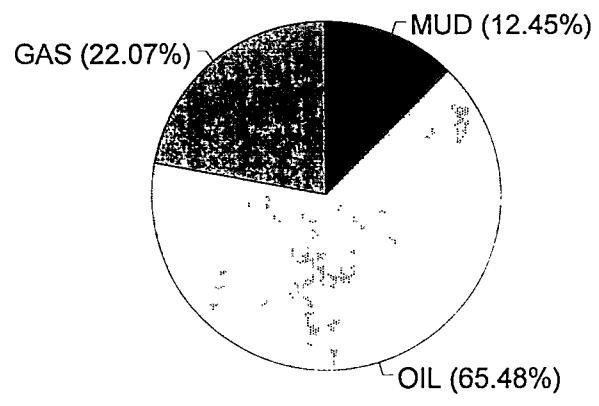
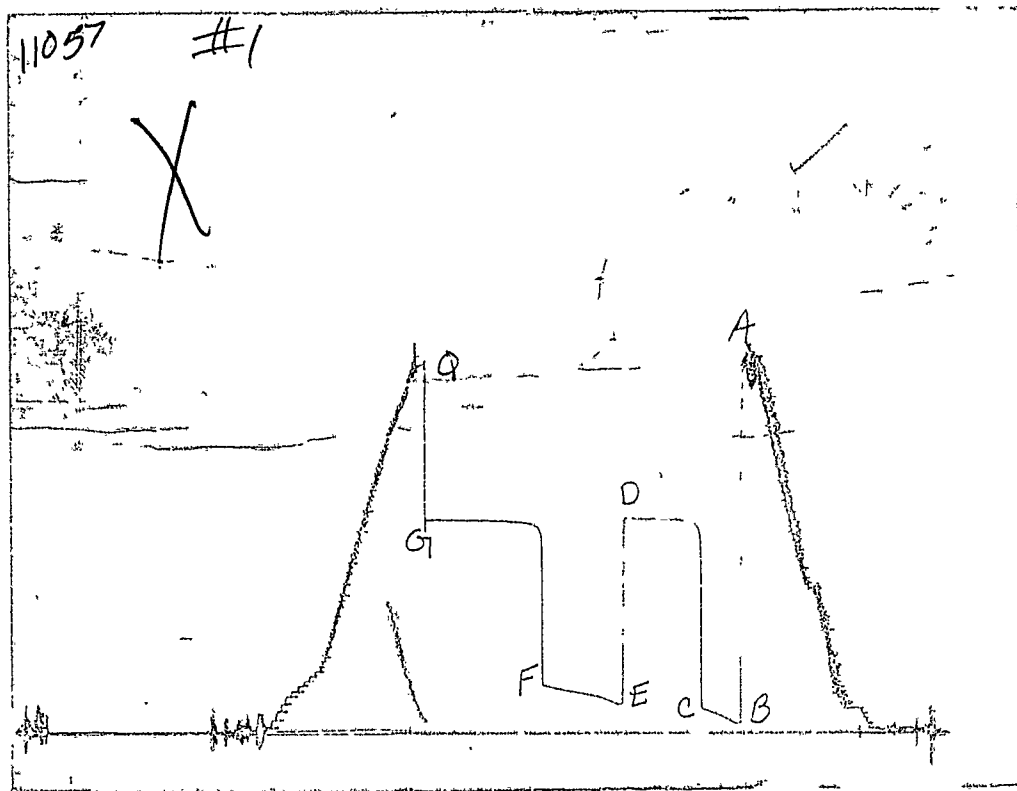


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

**McCoy Petroleum Corporation**  
**Omaha Hotel "M" #2-4**  
**NW NW SW**  
**Section 4-19S-25W**  
**Ness County, Kansas**  
**API #15-135-24,083**

**ACO-1 Continued**

**DRILL STEM TESTS:**

**DST #1 4400'- 4445' (Mississippian Dolomite)**

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

**1st Open: Weak to strong blow OBB in 19 min. Weak surface blow back on initial SI.**

**2nd Open: Weak to strong blow OBB in 21 min.**

**Recovered: 300' GIP**

**423' Clean Gassy Oil (20% gas, 80% oil) (Gravity 37° API)**

**300' Gassy Mud-cut Oil (25% gas, 45% oil, 30% mud)**

**FP: 45-145 / 168-280#**

**SIP: 1253-1253#**

**LOG TOPS:**

Anhydrite	1746(+717)
Base Anhydrite	1785(+678)
Heebner	3804(-1341)
Lansing	3847(-1384)
Stark	4090(-1627)
Marmaton	4195(-1732)
Pawnee	4276(-1813)
Ft. Scott	4349(-1886)
Cherokee	4372(-1909)
Mississippi	4435(-1972)
RTD	4445(-1982)
LTD	4445(-1982)