



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company **McCoy Petroleum Co.** Lease & Well No. **Lewis B-1**
Elevation **1308 Kelly Bushings** Formation **Mississippian** Effective Pay _____ Ft. Ticket No. **15646**
Date **5-2-72** Sec. **31** Twp. **33S** Range **8W** County **Harper** State **Kansas**
Test Approved by **Roger McCoy** Western Representative **Norman Allen**
Formation Test No. **1** O.K. ☒ Misrun _____ Interval Tested From **4485'** to **4500'** Total Depth **4500'**
Size Main Hole **7 7/8"** Rat Hole _____ Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No
Packer Depth **4480** Ft. Size **6 3/4"** Packer Depth **4485** Ft. Size **6 3/4"**
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Packer Depth _____ Ft. Size _____
Tool Size **5 1/2" O.D.** Tool Jt. Size **4 1/2" F.H.** Anchor Length **15** Ft. Size **5 1/2" O.D.**
RECORDERS Depth **4493** Ft. Clock No. **10412** Depth **4496** Ft. Clock No. **6866**
Top Make **Kuster** Cap **4150** No. **2606** Inside _____ Outside ☒ Bottom Make **Kuster** Cap **3150** No. **1565** Inside _____ Outside ☒
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap _____ No. _____ Inside _____ Outside _____
Bottom Make _____ Cap _____ No. _____ Inside _____ Outside _____
Time Set Packer **10:58** **A.** M.
Tool Open I.F.P. From **11:00** M. to **11:30A.** M. Hr. **30** Min. From (B) **89** P.S.I. To (C) **114** P.S.I.
Tool Closed I.C.I.P. From **11:30** M. to **12:30P.** M. Hr. **60** Min. (D) **1851** P.S.I.
Tool Open F.F.P. From **12:30** M. to **1:30P.** M. Hr. **60** Min. From (E) **112** P.S.I. To (F) **104** P.S.I.
Tool Closed F.C.I.P. From **1:30** M. to **3:00P.** M. Hr. **90** Min. (G) **1851** P.S.I.
Initial Hydrostatic Pressure (A) **2391** P.S.I. Final Hydrostatic Pressure (H) **2374** P.S.I.
SURFACE Size Choke **3/4** In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW **Strong thruout test-Gas to surface 3 min.** Bottom Choke Size **3/4** In.
Did Well Flow **Gas** Yes _____ No _____ Recovery Total Ft. **No fluid recovery**
Reversed Out _____ Yes ☒ No _____ Mud Type **Salt** Viscosity **45** Weight **9.7** Water Loss **10.6** cc. Maximum Temp. **134** °F
Type Circ. Sub. **Pin** Safety Joint **No** Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers **Yes** Did Packer Hold? **Yes** Did Tool Plug? **No** Where? _____
Length Drill Pipe **4315** ft. I.D. Drill Pipe **3.8** in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars **150** ft.
I.D. Drill Collars **2 1/4** in. Length D.S.T. Tool **35** ft.
Remarks **See sheet attached for gas measurement**
Slid tool 5 feet to bottom

WESTERN TESTING CO., INC.

Pressure Data

5-2-72

15646

Date

Test Ticket No.

Recorder No. 2606

Capacity 4150

Location 4493 Ft.

Clock No. 10412

Elevation 1308 Kelly Bushings

Well Temperature 134 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2391	P.S.I.	11:00 A.	
B First Initial Flow Pressure	89	P.S.I.		
C First Final Flow Pressure	114	P.S.I.		
D Initial Closed-in Pressure	1851	P.S.I.		
E Second Initial Flow Pressure	112	P.S.I.		
F Second Final Flow Pressure	104	P.S.I.		
G Final Closed-in Pressure	1851	P.S.I.		
H Final Hydrostatic Mud	2374	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 6 Inc.		Breakdown: 20 Inc.		Breakdown: 12 Inc.		Breakdown: 31 Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of Min.		final inc. of Min.		final inc. of Min.		final inc. of Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	89	0	114	0	112	0	104
P 2 5	96	3	1762	5	109	3	1771
10	111	6	1823	10	104	6	1821
P 3 15	114	9	1836	15	101	9	1831
P 4 20	114	12	1844	20	101	12	1838
25	Slight Plugging	15	1846	25	101	15	1842
P 5 30	114	18	1846	30	101	18	1843
P 6		21	1847	35	102	21	1844
		24	1845	40	104	24	1844
P 7		27	1849	45	105	27	1845
P 8		30	1850	50	105	30	1845
		33	1850	55	104	33	1846
P 9		36	1850	60	104	36	1846
P10		39	1850			39	1847
		42	1851			42	1848
P11		45	1851			45	1848
P12		48	1851			48	1848
		51	1851			51	1848
P13		54	1851			54	1848
P14		57	1851			57	1848
		60	1851			60	1848
P15						63	1848
P16						66	1848
						69	1849
P17						72	1849
P18						75	1849
						78	1850
P19						81	1850
						84	1851
P20						87	1851
						90	1851
						93	1851



P. O. BOX 793
GREAT BEND, KANSAS

COMPANY McCoy Petroleum Co. LEASE & WELL NO. Lewis B-1

TEST NO. 1 INTERVAL TESTED FROM 4485' TO 4500'

TIME
PRE-FLOW

MAX PRESS. P.S.I.

DESCRIPTION OF FLOW

Tool on bottom @ open @ 11:00 A.M.

Gas to surface 3 min.

<u>11:10</u>	<u>3 3/4 lb.</u>	<u>460,000</u>	<u>CFPD</u>	<u>Gas</u>
<u>11:20</u>	<u>4 "</u>	<u>480,000</u>	<u>"</u>	<u>"</u>
<u>11:30</u>	<u>4 1/4 "</u>	<u>490,000</u>	<u>"</u>	<u>"</u>

Tool closed in 11:30 to 12:30 P.M.

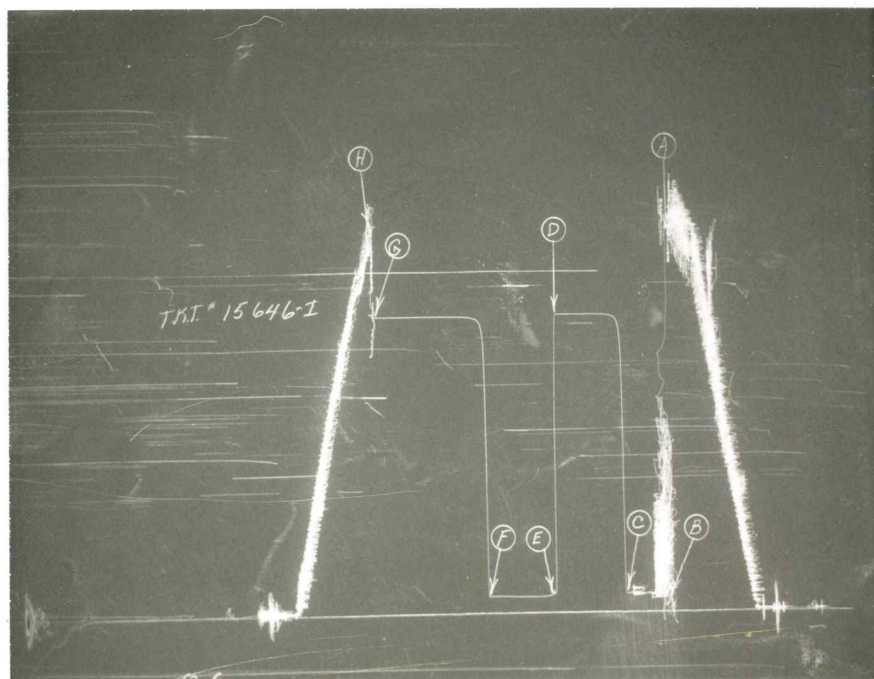
SECOND FLOW:

<u>12:32</u>	<u>4 1/4 lb.</u>	<u>490,000</u>	<u>CFPD</u>	<u>Gas</u>
<u>12:35</u>	<u>5 "</u>	<u>542,000</u>	<u>"</u>	<u>"</u>
<u>12:45</u>	<u>5 "</u>	<u>"</u>	<u>"</u>	<u>"</u>
<u>1: 00</u>	<u>5 "</u>	<u>"</u>	<u>"</u>	<u>"</u>
<u>1:15</u>	<u>5 1/4 "</u>	<u>560,000</u>	<u>"</u>	<u>"</u>
<u>1:30</u>	<u>5 1/4 "</u>	<u>"</u>	<u>"</u>	<u>"</u>

Tool closed in 1:30 to 3:00 P.M.

SIZE CHOKE 3/4 SURFACE 3/4 IN. 3/4 BOTTOM 3/4 IN.

REMARKS Measurements taken with 2" orifice well tester with
1 1/4" choke



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2376	2391	PSI
(B) First Initial Flow Pressure	110	89	PSI
(C) First Final Flow Pressure	125	114	PSI
(D) Initial Closed-in Pressure	1865	1851	PSI
(E) Second Initial Flow Pressure	125	112	PSI
(F) Second Final Flow Pressure	125	104	PSI
(G) Final Closed-in Pressure	1865	1851	PSI
(H) Final Hydrostatic Mud	2376	2374	PSI