



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

Nº 19000

P. O. BOX 1599 PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation 2793 K.B. Formation Lansing Eff. Pay _____ Ft.

District Garden City Date 5-2-73 Customer Order No. _____

COMPANY NAME McCoy Petroleum Corp

ADDRESS 110 S. Main, Suite 500 Wichita, KS. 67202

LEASE AND WELL NO. 2-26 Wright B COUNTY Waskell STATE KS. Sec. 26 Twp. 28S Rge. 34E

Mail Invoice To McCoy Pet. Co. Name Wright B Address _____ No. Copies Requested Reg.

Mail Charts To McCoy Pet. Co. Name Same Address _____ No. Copies Requested Reg.

Formation Test No. 1 Interval Tested From 4150 ft. to 4173 ft. Total Depth 4173 ft.

Packer Depth 4145 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4150 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4162 ft. Recorder Number 3849 Cap. 4200

Bottom Recorder Depth (Outside) 4165 ft. Recorder Number 2604 Cap. 4150

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Sweetman Drill Collar Length 281 I. D. 2 1/4 in.

Mud Type Chem. Viscosity 40 Weight Pipe Length _____ I. D. _____ in.

Weight 8.9 Water Loss 10.6 cc. Drill Pipe Length 3841 I. D. 3.8 in.

Chlorides 5,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.

Jars: Make W.T.C. Serial Number 402 Anchor Length 23 ft. Size 5 1/2 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3 1/4 in. Bottom Choke Size 3 1/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 X.H. in.

Blow: Strong "B.O.B." in 1 min. I.F.

Strong in 1 min. G.T.S. in 1 min. See Flow Chart F.F.

Recovered 2,030 ft. of C.G.O. w/ Bubbles of Gas 31° Gravity at 60°F

Recovered 180 ft. of Sl. O.G. cut water mud 4% Oil 6% Gas 22% WTR. 68% mud

Recovered 90 ft. of Heavy WTR cut mud w/ some of Oil 44% WTR. 56% mud

Recovered _____ ft. of _____

Recovered _____ ft. of Total Fluid Rec. 2,300'

Chlorides 8,500 P.P.M. Sample Jars used _____ Remarks: _____

MAY 04 1973

Time On Location 10:15 A.M. Time Pick Up Tool 11:30 A.M. Time Off Location _____ A.M.

Time Set Packer(s) 1:15 P.M. Time Started Off Bottom 5:15 P.M. Maximum Temperature 112°F

Initial Hydrostatic Pressure _____ (A) 1916 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 248 P.S.I. to (C) 493 P.S.I.

Initial Closed In Period _____ Minutes 60 (D) 807 P.S.I.

Final Flow Period _____ Minutes 60 (E) 535 P.S.I. to (F) 723 P.S.I.

Final Closed In Period _____ Minutes 90 (G) 807 P.S.I.

Final Hydrostatic Pressure _____ (H) 1901 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By John P. [Signature]
Signature of Customer or his authorized representative

Western Representative Larry S. Salge

FIELD INVOICE

Open Hole Test ☒ \$ ☒
Misrun \$ ☐
Straddle Test \$ ☐
Jars ☒ \$ ☒
Selective Zone \$ ☐
Safety Joint ☒ \$ ☒
Standby \$ ☐
Evaluation \$ ☐
Extra Packer \$ ☐
Circ. Sub. \$ ☐
Mileage \$ ☐
Fluid Sampler \$ ☐
Extra Charts \$ ☐
Insurance \$ ☐
Telecopier \$ ☐
TOTAL \$ ☐

WESTERN TESTING CO., INC.

Pressure Data

Date 5-2-52

Test Ticket No. 14000

Recorder No. 2849

Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1949</u> P.S.I.		M
B First Initial Flow Pressure	<u>259</u> P.S.I.		Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>501</u> P.S.I.		Mins. <u>60</u> Mins.
D Initial Closed-in Pressure	<u>814</u> P.S.I.		Mins. <u>55</u> Mins.
E Second Initial Flow Pressure	<u>554</u> P.S.I.		Mins. <u>80</u> Mins.
F Second Final Flow Pressure	<u>743</u> P.S.I.		
G Final Closed-in Pressure	<u>811</u> P.S.I.		
H Final Hydrostatic Mud	<u>1914</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>259</u>	0	<u>501</u>	0	<u>554</u>	0	<u>743</u>
P 2 5	<u>261</u>	3	<u>707</u>	5	<u>561</u>	3	<u>728</u>
P 3 10	<u>306</u>	6	<u>749</u>	10	<u>587</u>	6	<u>787</u>
P 4 15	<u>372</u>	9	<u>764</u>	15	<u>615</u>	9	<u>789</u>
P 5 20	<u>418</u>	12	<u>726</u>	20	<u>639</u>	12	<u>791</u>
P 6 25	<u>472</u>	15	<u>784</u>	25	<u>658</u>	15	<u>793</u>
P 7 30	<u>501</u>	18	<u>789</u>	30	<u>622</u>	18	<u>795</u>
P 8 35		21	<u>794</u>	35	<u>692</u>	21	<u>797</u>
P 9 40		24	<u>797</u>	40	<u>708</u>	24	<u>797</u>
P10 45		27	<u>801</u>	45	<u>718</u>	27	<u>801</u>
P11 50		30	<u>803</u>	50	<u>730</u>	30	<u>803</u>
P12 55		33	<u>805</u>	55	<u>743</u>	33	<u>805</u>
P13 60		36	<u>807</u>	60		36	<u>806</u>
P14 65		39	<u>809</u>	65		39	<u>807</u>
P15 70		42	<u>811</u>	70		42	<u>808</u>
P16 75		45	<u>813</u>	75		45	<u>809</u>
P17 80		48	<u>814</u>	80		48	<u>810</u>
P18 85		51	<u>815</u>	85		51	<u>810</u>
P19 90		54	<u>816</u>	90		54	<u>811</u>
P20 95		57		95		57	<u>811</u>
100		60	<u>816</u>	100		60	<u>811</u>

WESTERN TESTING CO., INC.

Pressure Data

Date: _____

Test Ticket No. 19000

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____ P.S.I.	Open Tool _____ M _____			
B First Initial Flow Pressure _____ P.S.I.	First Flow Pressure _____ Mins. _____ Mins.			
C First Final Flow Pressure _____ P.S.I.	Initial Closed-in Pressure _____ Mins. _____ Mins.			
D Initial Closed-in Pressure _____ P.S.I.	Second Flow Pressure _____ Mins. _____ Mins.			
E Second Initial Flow Pressure _____ P.S.I.	Final Closed-in Pressure _____ Mins. _____ Mins.			
F Second Final Flow Pressure _____ P.S.I.				
G Final Closed-in Pressure _____ P.S.I.				
H Final Hydrostatic Mud _____ P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of _____ mins. and a		of _____ mins. and a		of _____ mins. and a		of _____ 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 1 105		63		105		63	811
P 2 110		66		110		66	
P 3 115		69		115		69	
P 4 120		72		120		72	
P 5 125		75		125		75	
P 6 130		78		130		78	
P 7 135		81		135		81	
P 8 140		84		140		84	
P 9 145		87		145		87	811
P10 150		90		150		90	811
P11 155		93		155		93	
P12 160		96		160		96	
P13 165		99		165		99	
P14 170		102		170		102	
P15 175		105		175		105	
P16 180		108		180		108	
P17 185		111		185		111	
P18 190		114		190		114	
P19 195		117		195		117	
P20 200		120		200		120	

WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 5-2-93 Ticket 19000 Company McCoy Pet.
Well Name and No. Wright "B" 2-26 Dst No. 1 Interval Tested 4150-4173
County Haskell State KS. Sec. 26 Twp. 28S Rg. 34W.

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
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No Gas

[illegible]

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME _____

Authorized by _____

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone **1 - 800-688-7021**

DST REPORT

GENERAL INFORMATION

DATE : 5/2/93
CUSTOMER : MCCOY PETROLEUM CORP.
WELL : #2-26 TEST: 1
ELEVATION: 2993 KB
SECTION : 26
RANGE : 34W COUNTY: HASKELL
GAUGE SN#: 3849 RANGE : 4200

TICKET : 19000
LEASE : WRIGHT B
GEOLOGIST: HASTINGS
FORMATION: LANSING
TOWNSHIP : 28S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4150.00 ft TO: 4173.00 ft TVD: 4173.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: GAS
DEPTH OF RECORDERS: 4162.0 ft 4165.0 ft
TEMPERATURE: 112.0

DRILL COLLAR LENGTH:	281.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	3841.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	23.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH:	4145.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4150.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. : SWEETMAN
MUD TYPE : CHEMICAL
WEIGHT : 8.900 ppg
CHLORIDES : 5000 ppm
JARS-MAKE : WTC
DID WELL FLOW?: NO

VISCOSITY : 40.00 cp
WATER LOSS: 10.600 cc

SERIAL NUMBER: 402
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW - BOTTOM OF BUCKET
IN 1 MINUTE. FINAL FLOW PERIOD STRONG BLOW IN 1
MINUTE. GAS TO SURFACE IN 1 MINUTE. SEE GAS SHEET

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

ATTACHED.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
2030.0	100.0	0.0	0.0	0.0	CL. GASSY OIL W/PKTS GAS
0.0	0.0	0.0	0.0	0.0	31 GRAVITY @ 60 DEGREES F
180.0	4.0	6.0	22.0	68.0	SL. OIL & GAS C/WTRY MUD
90.0	0.0	0.0	44.0	56.0	HVY WTR CUT MUD W/SCUM
0.0	0.0	0.0	0.0	0.0	OF OIL
0.0	0.0	0.0	0.0	0.0	CHLORIDES 85000 PPM

RATE INFORMATION

OIL VOLUME: 28.4087 STB
 GAS VOLUME: 0.2982 SCF
 MUD VOLUME: 0.8497 STB
 WATER VOLUME: 0.3895 STB
 TOTAL FLUID : 29.6479 STB

TOTAL FLOW TIME: 85.0000 min.
 AVERAGE OIL RATE: 482.8457 STB/D
 AVERAGE WATER RATE: 19.4248 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1916.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	248.00	493.00
INITIAL SHUT-IN	60.00		807.00
FINAL FLOW	60.00	535.00	723.00
FINAL SHUT-IN	90.00		807.00

FINAL HYDROSTATIC PRESSURE: 1901.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1949.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	259.00	501.00
INITIAL SHUT-IN	60.00		816.00
FINAL FLOW	55.00	554.00	743.00
FINAL SHUT-IN	90.00		811.00

FINAL HYDROSTATIC PRESSURE: 1914.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 5/2/93
 CUSTOMER : MCCOY PETROLEUM CORP.
 WELL : #2-26 TEST: 1
 ELEVATION: 2993 KB
 SECTION : 26
 RANGE : 34W COUNTY: HASKELL
 GAUGE SN#: 3849 RANGE : 4200

TICKET : 19000
 LEASE : WRIGHT B
 GEOLOGIST: HASTINGS
 FORMATION: LANSING
 TOWNSHIP : 28S
 STATE : KS
 CLOCK : 12

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
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SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	0.380	3.6" WATER	6780 SCF/D
20 MIN	MERLA	0.380	2.8" WATER	5980 SCF/D
30 MIN	MERLA	0.380	2.4" WATER	5520 SCF/D
40 MIN	MERLA	0.380	2.0" WATER	5050 SCF/D
50 MIN	MERLA	0.380	3.0" WATER	6180 SCF/D
60 MIN	MERLA	0.380	2.0" WATER	5050 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 5/2/93	TICKET : 19000
CUSTOMER : MCCOY PETROLEUM CORP.	LEASE : WRIGHT B
WELL : #2-26 TEST: 1	GEOLOGIST: HASTINGS
ELEVATION: 2993 KB	FORMATION: LANSING
SECTION : 26	TOWNSHIP : 28S
RANGE : 34W COUNTY: HASKELL	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	259.00	259.00
5.00	261.00	2.00
10.00	306.00	45.00
15.00	372.00	66.00
20.00	428.00	56.00
25.00	472.00	44.00
30.00	501.00	29.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	707.00	707.00	0.00
6.00	749.00	42.00	0.00
9.00	764.00	15.00	0.00
12.00	776.00	12.00	0.00
15.00	784.00	8.00	0.00
18.00	789.00	5.00	0.00
21.00	794.00	5.00	0.00
24.00	797.00	3.00	0.00
27.00	801.00	4.00	0.00
30.00	803.00	2.00	0.00
33.00	805.00	2.00	0.00
36.00	807.00	2.00	0.00
39.00	809.00	2.00	0.00
42.00	811.00	2.00	0.00
45.00	813.00	2.00	0.00
48.00	814.00	1.00	0.00
51.00	815.00	1.00	0.00
54.00	816.00	1.00	0.00
57.00	816.00	0.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	816.00	0.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	554.00	554.00
5.00	561.00	7.00
10.00	587.00	26.00
15.00	615.00	28.00
20.00	639.00	24.00
25.00	658.00	19.00
30.00	677.00	19.00
35.00	692.00	15.00
40.00	708.00	16.00
45.00	718.00	10.00
50.00	730.00	12.00
55.00	743.00	13.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	778.00	778.00	0.00
6.00	787.00	9.00	0.00
9.00	789.00	2.00	0.00
12.00	791.00	2.00	0.00
15.00	793.00	2.00	0.00
18.00	795.00	2.00	0.00
21.00	797.00	2.00	0.00
24.00	799.00	2.00	0.00
27.00	801.00	2.00	0.00
30.00	803.00	2.00	0.00
33.00	805.00	2.00	0.00
36.00	806.00	1.00	0.00
39.00	807.00	1.00	0.00
42.00	808.00	1.00	0.00
45.00	809.00	1.00	0.00
48.00	810.00	1.00	0.00
51.00	810.00	0.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

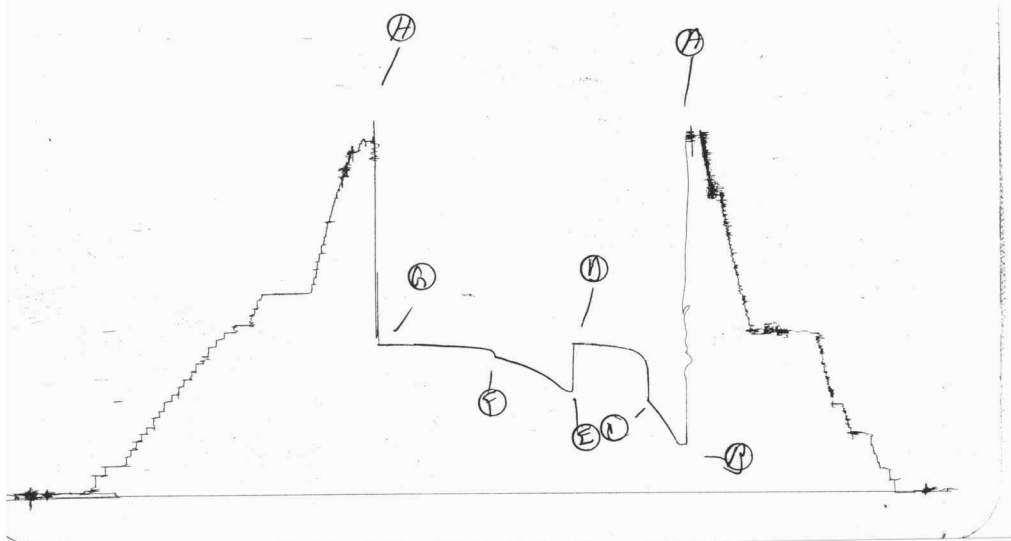
FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
54.00	811.00	1.00	0.00
57.00	811.00	0.00	0.00
60.00	811.00	0.00	0.00
63.00	811.00	0.00	0.00
66.00	811.00	0.00	0.00
69.00	811.00	0.00	0.00
72.00	811.00	0.00	0.00
75.00	811.00	0.00	0.00
78.00	811.00	0.00	0.00
81.00	811.00	0.00	0.00
84.00	811.00	0.00	0.00
87.00	811.00	0.00	0.00
90.00	811.00	0.00	0.00

K+19000

#3849 DST 1

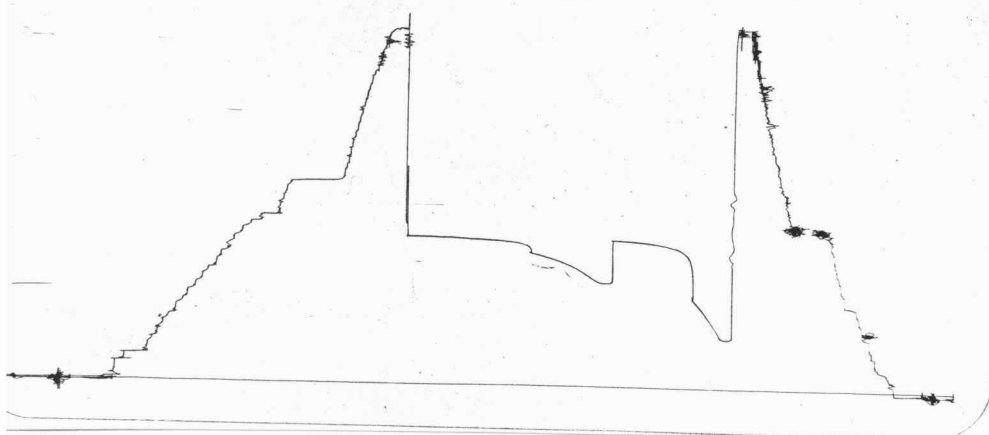
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K+19000

2004 DST 1

O





P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

Nº 19101

Elevation 2993 K.B. Formation LANSING A Eff. Pay _____ Ft.

District Garden City Date 5-3-83 Customer Order No. _____

COMPANY NAME McGee Pet.
ADDRESS 110 S. Main, Suite 500 Wichita, KS. 67202
LEASE AND WELL NO. 2-26 Wright B COUNTY Harrell STATE KS. Sec 26 Twp 28S Rge 34W
Mail Invoice To McGee Pet. Co. Name Same #2-26 Address Same Wright B No. Copies Requested Reg.
Mail Charts To McGee Pet. Address Same Wright B No. Copies Requested Reg.

Formation Test No. 2 Interval Tested From 4100 ft. to 4127 ft. Total Depth 4173 ft.
Packer Depth 4095 ft. Size 6 5/8 in. Packer Depth 4173 ft. Size 6 5/8 in.
Packer Depth 4100 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4112 ft. Recorder Number 3849 Cap. 4200
Bottom Recorder Depth (Outside) 4115 ft. Recorder Number 2604 Cap. 4150
Below Straddle Recorder Depth 4135 ft. Recorder Number 2605 Cap. 4150
Drilling Contractor Sweetman Drill Collar Length 250 I. D. 2 1/4 in.
Mud Type Chem. Viscosity 37 Weight Pipe Length _____ I. D. _____ in.
Weight 9.1 Water Loss 8.8 cc. Drill Pipe Length 3822 I. D. 3.8 in.
Chlorides 6,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.
Jars: Make W.T.C. Serial Number 402 Anchor Length 27 ft. Size 5 1/2 in.
Did Well Flow? 16 Reversed Out 16 Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 X H. in.

Blow: Went to Strong "B.O.B." in 3 Min. I.F.
Very weak to Strong in 10 Min. I.F.

Recovered 775 ft. of Salt WTR 69,000 P.P.M.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Chlorides 69,000 P.P.M. Sample Jars used _____ Remarks: Total Pipe = 31' of 6 1/2" 15' of 5 1/2" Total = 46'

MAY 07 1993

Time On Location 12:00 A.M. Time Pick Up Tool 11:10 A.M. Time Off Location _____ A.M.
Time Set Packer(s) 12:55 P.M. Time Started Off Bottom 3:55 P.M. Maximum Temperature 111° F.
Initial Hydrostatic Pressure _____ (A) 1926 P.S.I.
Initial Flow Period _____ Minutes 30 (B) 78 P.S.I. to (C) 255 P.S.I.
Initial Closed In Period _____ Minutes 60 (D) 939 P.S.I.
Final Flow Period _____ Minutes 30 (E) 300 P.S.I. to (F) 387 P.S.I.
Final Closed In Period _____ Minutes 60 (G) 916 P.S.I.
Final Hydrostatic Pressure _____ (H) 1901 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By John P. Hays
Signature of Customer or his authorized representative

Western Representative Harvey S. Salge

FIELD INVOICE

Open Hole Test ☒ \$
Misrun \$
Straddle Test ☒ \$
Jars ☒ \$
Selective Zone \$
Safety Joint ☒ \$
Standby \$
Evaluation \$
Extra Packer ☒ \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$

WESTERN TESTING CO., INC.

Pressure Data

Date 5-2-93

Test Ticket No. 19101

Recorder No. 3849 Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1952</u> P.S.I.	Open Tool	M
B First Initial Flow Pressure	<u>95</u> P.S.I.	First Flow Pressure	Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>2108</u> P.S.I.	Initial Closed-in Pressure	Mins. <u>57</u> Mins.
D Initial Closed-in Pressure	<u>948</u> P.S.I.	Second Flow Pressure	Mins. <u>30</u> Mins.
E Second Initial Flow Pressure	<u>310</u> P.S.I.	Final Closed-in Pressure	Mins. <u>140</u> Mins.
F Second Final Flow Pressure	<u>399</u> P.S.I.		
G Final Closed-in Pressure	<u>922</u> P.S.I.		
H Final Hydrostatic Mud	<u>1951</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>95</u>	0	<u>2108</u>	0	<u>310</u>	0	<u>399</u>
P 2 5	<u>149</u>	3	<u>803</u>	5	<u>315</u>	3	<u>811</u>
P 3 10	<u>165</u>	6	<u>854</u>	10	<u>333</u>	6	<u>845</u>
P 4 15	<u>198</u>	9	<u>872</u>	15	<u>353</u>	9	<u>864</u>
P 5 20	<u>227</u>	12	<u>889</u>	20	<u>372</u>	12	<u>877</u>
P 6 25	<u>248</u>	15	<u>900</u>	25	<u>390</u>	15	<u>880</u>
P 7 30	<u>268</u>	18	<u>908</u>	30	<u>399</u>	18	<u>887</u>
P 8 35		21	<u>914</u>	35		21	<u>892</u>
P 9 40		24	<u>918</u>	40		24	<u>897</u>
P10 45		27	<u>924</u>	45		27	<u>902</u>
P11 50		30	<u>927</u>	50		30	<u>905</u>
P12 55		33	<u>930</u>	55		33	<u>908</u>
P13 60		36	<u>933</u>	60		36	<u>911</u>
P14 65		39	<u>936</u>	65		39	<u>914</u>
P15 70		42	<u>938</u>	70		42	<u>916</u>
P16 75		45	<u>940</u>	75		45	<u>918</u>
P17 80		48	<u>942</u>	80		48	<u>919</u>
P18 85		51	<u>944</u>	85		51	<u>920</u>
P19 90		54	<u>946</u>	90		54	<u>921</u>
P20 95		57	<u>948</u>	95		57	<u>922</u>
100		60		100		60	<u>923</u>

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone **1 - 800-688-7021**

DST REPORT

GENERAL INFORMATION

DATE	: 5/3/93	TICKET	: 19101
CUSTOMER	: MCCOY PETROLEUM CORP.	LEASE	: WRIGHT B
WELL	: #2-26	TEST: 2	GEOLOGIST: HASTINGS
ELEVATION	: 2993 KB	FORMATION	: LANSING A
SECTION	: 26	TOWNSHIP	: 28S
RANGE	: 34W	STATE	: KS
GAUGE SN#	: 3849	RANGE	: 4200
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	4100.00 ft	TO:	4127.00 ft	TVD:	4173.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	4112.0 ft		4115.0 ft		
TEMPERATURE:	111.0				
DRILL COLLAR LENGTH:	250.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	3822.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	27.0 ft	ANCHOR SIZE:		5.500 in	
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:		0.750 in	
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :		4.5XH	
PACKER DEPTH:	4095.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	4100.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	4173.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON. :	SWEETMAN	VISCOSITY :	37.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	8.800 cc
WEIGHT :	9.100 ppg		
CHLORIDES :	6000 ppm	SERIAL NUMBER:	402
JARS-MAKE :	WTC	REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK TO STRONG BLOW- BOTTOM
OF BUCKET IN 3 MINUTES. FINAL FLOW PERIOD VERY
WEAK TO STRONG BLOW IN 10 MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
775.0	0.0	0.0	100.0	0.0	SALTWATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 69000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.0000	STB		
WATER VOLUME:	8.5932	STB		
TOTAL FLUID :	8.5932	STB		
			TOTAL FLOW TIME:	60.0000 min.
			AVERAGE OIL RATE:	0.0000 STB/D
			AVERAGE WATER RATE:	206.2370 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1926.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	78.00	255.00
INITIAL SHUT-IN	60.00		939.00
FINAL FLOW	30.00	300.00	387.00
FINAL SHUT-IN	60.00		916.00

FINAL HYDROSTATIC PRESSURE: 1901.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1952.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	95.00	268.00
INITIAL SHUT-IN	57.00		948.00
FINAL FLOW	30.00	310.00	399.00
FINAL SHUT-IN	60.00		923.00

FINAL HYDROSTATIC PRESSURE: 1931.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 5/3/93	TICKET : 19101
CUSTOMER : MCCOY PETROLEUM CORP.	LEASE : WRIGHT B
WELL : #2-26 TEST: 2	GEOLOGIST: HASTINGS
ELEVATION: 2993 KB	FORMATION: LANSING A
SECTION : 26	TOWNSHIP : 28S
RANGE : 34W COUNTY: HASKELL	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	95.00	95.00
5.00	129.00	34.00
10.00	165.00	36.00
15.00	198.00	33.00
20.00	227.00	29.00
25.00	248.00	21.00
30.00	268.00	20.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	803.00	803.00	0.00
6.00	854.00	51.00	0.00
9.00	873.00	19.00	0.00
12.00	889.00	16.00	0.00
15.00	900.00	11.00	0.00
18.00	908.00	8.00	0.00
21.00	914.00	6.00	0.00
24.00	918.00	4.00	0.00
27.00	924.00	6.00	0.00
30.00	927.00	3.00	0.00
33.00	930.00	3.00	0.00
36.00	933.00	3.00	0.00
39.00	936.00	3.00	0.00
42.00	938.00	2.00	0.00
45.00	940.00	2.00	0.00
48.00	942.00	2.00	0.00
51.00	944.00	2.00	0.00
54.00	946.00	2.00	0.00
57.00	948.00	2.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

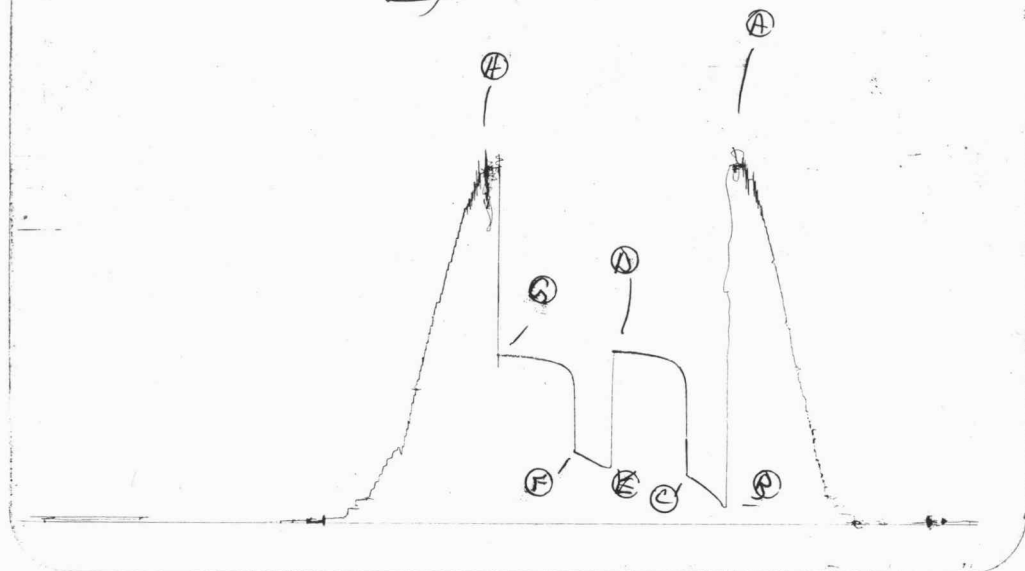
Time (min)	Pressure	Delta P
0.00	310.00	310.00
5.00	315.00	5.00
10.00	333.00	18.00
15.00	353.00	20.00
20.00	372.00	19.00
25.00	390.00	18.00
30.00	399.00	9.00

FINAL SHUT IN

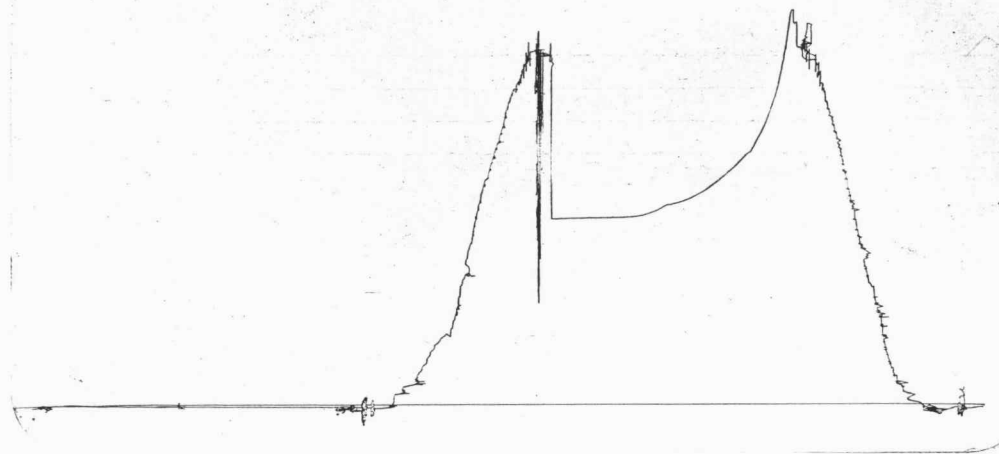
Time (min)	Pressure	Delta P	Horner T
3.00	811.00	811.00	0.00
6.00	845.00	34.00	0.00
9.00	864.00	19.00	0.00
12.00	877.00	13.00	0.00
15.00	880.00	3.00	0.00
18.00	887.00	7.00	0.00
21.00	892.00	5.00	0.00
24.00	897.00	5.00	0.00
27.00	902.00	5.00	0.00
30.00	905.00	3.00	0.00
33.00	908.00	3.00	0.00
36.00	911.00	3.00	0.00
39.00	914.00	3.00	0.00
42.00	916.00	2.00	0.00
45.00	918.00	2.00	0.00
48.00	919.00	1.00	0.00
51.00	920.00	1.00	0.00
54.00	921.00	1.00	0.00
57.00	922.00	1.00	0.00
60.00	923.00	1.00	0.00

KT 19101 #3849 DST 2

I

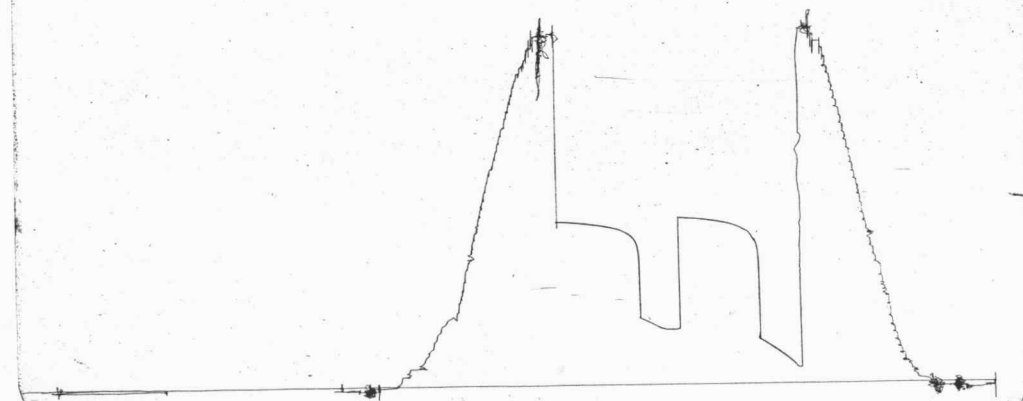


KT 19101 2nd v. 2
Below Seaddle



KT 19101 2604 PST 2

D





WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET

Nº 19102

P. O. BOX 1599
WICHITA, KANSAS 67201

PHONE (316) 262-5861

Elevation 2993 K.B. Formation Lansing "B" Eff. Pay _____ Ft.District Garden City Date 5-4-93 Customer Order No. _____COMPANY NAME McGey Pet.ADDRESS 110 S. Main Suite 500 Wichita, KS 67202LEASE AND WELL NO 2-26 Wight "B" COUNTY Haskell STATE KS. Sec 26 Twp 28S. Rge 34WMail Invoice To McGey Pet.
Co. NameSame
AddressNo. Copies Requested Reg.Mail Charts To McGey Pet.Same
AddressNo. Copies Requested Reg.Formation Test No. 3 Interval Tested From 4337 ft. to 4359 ft. Total Depth 4359 ft.Packer Depth 4332 ft. Size 6 5/8 in.

Packer Depth _____ ft. Size _____ in.

Packer Depth 4337 ft. Size 6 5/8 in.

Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4349 ft.Recorder Number 3849 Cap. 4200Bottom Recorder Depth (Outside) 4352 ft.Recorder Number 2604 Cap. 4150

Below Straddle Recorder Depth _____ ft.

Recorder Number _____ Cap. _____

Drilling Contractor SweetmanDrill Collar Length 281 I. D. 2 1/4 in.Mud Type Chem. Viscosity 38

Weight Pipe Length _____ I. D. _____ in.

Weight 9.0 Water Loss 12.0 cc.Drill Pipe Length 4028 I. D. 3.8 in.Chlorides 6000 P.P.M.Test Tool Length 28 ft. Tool Size 5 1/2 in.Jars: Make W.T.C. Serial Number 402Anchor Length 22 ft. Size 5 1/2 in.Did Well Flow? No Reversed Out NoSurface Choke Size 3/4 in. Bottom Choke Size 3/4 in.Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 X 11 in.Blow: Strong Immediately. G.T.S. in 5 min. See Flow Chart I.F.
Strong in 30 Sec. See Flow Chart F.F.Recovered 60 ft. of WTR cut mud 18% WTR 82% mudRecovered 640 ft. of Salt WTR 69,000 P.P.M.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of Total Fluid Rec. 700'Chlorides 69,000 P.P.M. Sample Jars used _____ Remarks: _____

MAY 07 1993

Time On Location 9:30 A.M. Time Pick Up Tool 10:30 A.M. Time Off Location _____ A.M.Time Set Packer(s) 11:55 A.M. Time Started Off Bottom 3:55 A.M. Maximum Temperature 117°FInitial Hydrostatic Pressure _____ (A) 2046 P.S.I.Initial Flow Period _____ Minutes 30 (B) 121 P.S.I. to (C) 142 P.S.I.Initial Closed In Period _____ Minutes 60 (D) 1016 P.S.I.Final Flow Period _____ Minutes 60 (E) 174 P.S.I. to (F) 297 P.S.I.Final Closed In Period _____ Minutes 90 (G) 1000 P.S.I.Final Hydrostatic Pressure _____ (H) 2006 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By John D. Newitz
Signature of Customer or his authorized representativeWestern Representative Jimmy S. Salge

FIELD INVOICE

Open Hole Test	\$	✓
Misrun	\$	
Straddle Test	\$	
Jars	\$	✓
Selective Zone	\$	
Safety Joint	\$	✓
Standby	\$	
Evaluation	\$	
Extra Packer	\$	
Circ. Sub.	\$	
Mileage	\$	
Fluid Sampler	\$	
Extra Charts	\$	
Insurance	\$	
Telecopier	\$	
TOTAL	\$	



GAS FLOW REPORT

Nº 4761

Date 5-4-83 Ticket 19102 Company McCoy Pet.
 Well Name and No. 2-26 Wright "B" Dst No. 3 Interval Tested 5337-5359
 County Haskell State KS Sec. 26 Twp. 28S Rg. 34W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
PRE FLOW					
	<i>PSI</i>				<i>G.T.S. in 5 min. I.F.</i>
10	6	1/2"			86,300 C.F.P.D.
20	5	"			78,100 "
30	4	"			68,800 "
					"

SECOND FLOW					
	<i>Inches Water</i>				
10	13	1/2"			22,800 C.F.P.D.
20	9	"			18,800 "
30	4.5	"			13,300 "
40	16	"			25,100 "
50	19	"			27,300 "
60	"	"			" "

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME _____

Authorized by _____

WESTERN TESTING CO., INC.

Pressure Data

Date 5-4-92

Test Ticket No. 19102

Recorder No. 2849

Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2065</u> P.S.I.	_____ M	_____ Mins.
B First Initial Flow Pressure	<u>152</u> P.S.I.	_____ Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>159</u> P.S.I.	_____ Mins.	<u>57</u> Mins.
D Initial Closed-in Pressure	<u>1040</u> P.S.I.	_____ Mins.	<u>55</u> Mins.
E Second Initial Flow Pressure	<u>191</u> P.S.I.	_____ Mins.	<u>90</u> Mins.
F Second Final Flow Pressure	<u>318</u> P.S.I.	_____ Mins.	_____ Mins.
G Final Closed-in Pressure	<u>1015</u> P.S.I.	_____ Mins.	_____ Mins.
H Final Hydrostatic Mud	<u>2015</u> P.S.I.	_____ Mins.	_____ Mins.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>152</u>	0	<u>159</u>	0	<u>191</u>	0	<u>318</u>
P 2 5	<u>5</u>	3	<u>152</u>	5	<u>203</u>	3	<u>623</u>
P 3 10	<u>152</u>	6	<u>275</u>	10	<u>219</u>	6	<u>751</u>
P 4 15	<u>154</u>	9	<u>840</u>	15	<u>240</u>	9	<u>794</u>
P 5 20	<u>145</u>	12	<u>882</u>	20	<u>256</u>	12	<u>823</u>
P 6 25	<u>154</u>	15	<u>909</u>	25	<u>267</u>	15	<u>845</u>
P 7 30	<u>159</u>	18	<u>922</u>	30	<u>273</u>	18	<u>861</u>
P 8 35		21	<u>939</u>	35	<u>286</u>	21	<u>878</u>
P 9 40		24	<u>955</u>	40	<u>295</u>	24	<u>892</u>
P10 45		27	<u>968</u>	45	<u>300</u>	27	<u>904</u>
P11 50		30	<u>977</u>	50	<u>309</u>	30	<u>917</u>
P12 55		33	<u>985</u>	55	<u>318</u>	33	<u>929</u>
P13 60		36	<u>995</u>	60		36	<u>935</u>
P14 65		39	<u>1000</u>	65		39	<u>944</u>
P15 70		42	<u>1008</u>	70		42	<u>949</u>
P16 75		45	<u>1018</u>	75		45	<u>953</u>
P17 80		48	<u>1024</u>	80		48	<u>959</u>
P18 85		51	<u>1030</u>	85		51	<u>965</u>
P19 90		54	<u>1035</u>	90		54	<u>970</u>
P20 95		57	<u>1040</u>	95		57	<u>974</u>
100		60		100		60	<u>978</u>

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 19102

Recorder No. _____ Capacity _____ Location _____ Ft.

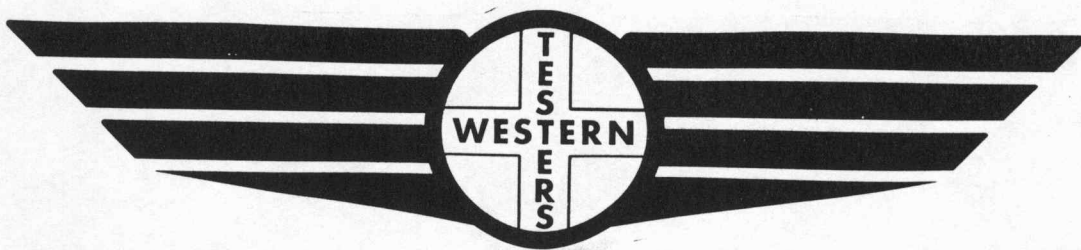
Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of _____ mins. and a		of _____ mins. and a		of _____ mins. and a		of _____ 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 1 105		63		105		63	982
P 2 110		66		110		66	986
P 3 115		69		115		69	990
P 4 120		72		120		72	992
P 5 125		75		125		75	996
P 6 130		78		130		78	1000
P 7 135		81		135		81	1004
P 8 140		84		140		84	1007
P 9 145		87		145		87	1011
P10 150		90		150		90	1015
P11 155		93		155		93	
P12 160		96		160		96	
P13 165		99		165		99	
P14 170		102		170		102	
P15 175		105		175		105	
P16 180		108		180		108	
P17 185		111		185		111	
P18 190		114		190		114	
P19 195		117		195		117	
P20 200		120		200		120	

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

DST REPORT

GENERAL INFORMATION

DATE	: 5/4/93	TICKET	: 19102
CUSTOMER	: MCCOY PETROLEUM CORP.	LEASE	: WRIGHT B
WELL	: #2-26	TEST:	3
ELEVATION:	2993 KB	GEOLOGIST:	HASTINGS
SECTION	: 26	FORMATION:	LANSING G
RANGE	: 34W	TOWNSHIP	: 28S
GAUGE SN#:	3849	STATE	: KS
COUNTY:	HASKELL	CLOCK	: 12
RANGE	: 4200		

WELL INFORMATION

PERFORATION INTERVAL FROM:	4337.00 ft	TO:	4359.00 ft	TVD:	4359.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	GAS
DEPTH OF RECORDERS:	4349.0 ft		4352.0 ft		
TEMPERATURE:	117.0				
DRILL COLLAR LENGTH:	281.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	4028.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	22.0 ft	ANCHOR SIZE:		5.500 in	
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:		0.750 in	
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :		4.5XH	
PACKER DEPTH:	4332.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	4337.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON. :	SWEETMAN	VISCOSITY :	38.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	12.000 cc
WEIGHT :	9.000 ppg		
CHLORIDES :	6000 ppm	SERIAL NUMBER:	402
JARS-MAKE :	WTC	REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW IMMEDIATELY - GAS
TO SURFACE IN 5 MINUTES. FINAL FLOW PERIOD STRONG
BLOW IN 30 SECONDS. SEE GAS SHEET ATTACHED.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
60.0	0.0	0.0	18.0	82.0	WATER CUT MUD
640.0	0.0	0.0	100.0	0.0	SALTWATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 69000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.6901	STB		
WATER VOLUME:	6.5688	STB		
TOTAL FLUID :	7.2589	STB		
			TOTAL FLOW TIME:	85.0000 min.
			AVERAGE OIL RATE:	0.0000 STB/D
			AVERAGE WATER RATE:	122.9735 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2046.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	121.00	142.00
INITIAL SHUT-IN	60.00		1016.00
FINAL FLOW	60.00	174.00	297.00
FINAL SHUT-IN	90.00		1000.00

FINAL HYDROSTATIC PRESSURE: 2006.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2063.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	132.00	159.00
INITIAL SHUT-IN	57.00		1040.00
FINAL FLOW	55.00	191.00	318.00
FINAL SHUT-IN	90.00		1015.00

FINAL HYDROSTATIC PRESSURE: 2015.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 5/4/93	TICKET : 19102
CUSTOMER : MCCOY PETROLEUM CORP.	LEASE : WRIGHT B
WELL : #2-26 TEST: 3	GEOLOGIST: HASTINGS
ELEVATION: 2993 KB	FORMATION: LANSING G
SECTION : 26	TOWNSHIP : 28S
RANGE : 34W COUNTY: HASKELL	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	0.500	6 PSIG	86300 SCF/D
20 MIN	MERLA	0.500	5 PSIG	78100 SCF/D
30 MIN	MERLA	0.500	4 PSIG	68800 SCF/D

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	0.500	13" WATER	22800 SCF/D
20 MIN	MERLA	0.500	9" WATER	18800 SCF/D
30 MIN	MERLA	0.500	4.5" WATER	13300 SCF/D
40 MIN	MERLA	0.500	16" WATER	25100 SCF/D
50 MIN	MERLA	0.500	19" WATER	27300 SCF/D
60 MIN	MERLA	0.500	19" WATER	27300 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 5/4/93	TICKET : 19102
CUSTOMER : MCCOY PETROLEUM CORP.	LEASE : WRIGHT B
WELL : #2-26 TEST: 3	GEOLOGIST: HASTINGS
ELEVATION: 2993 KB	FORMATION: LANSING G
SECTION : 26	TOWNSHIP : 28S
RANGE : 34W COUNTY: HASKELL	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	132.00	132.00
5.00	132.00	0.00
10.00	132.00	0.00
15.00	134.00	2.00
20.00	143.00	9.00
25.00	154.00	11.00
30.00	159.00	5.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	633.00	633.00	0.00
6.00	773.00	140.00	0.00
9.00	840.00	67.00	0.00
12.00	882.00	42.00	0.00
15.00	909.00	27.00	0.00
18.00	922.00	13.00	0.00
21.00	939.00	17.00	0.00
24.00	955.00	16.00	0.00
27.00	968.00	13.00	0.00
30.00	977.00	9.00	0.00
33.00	985.00	8.00	0.00
36.00	995.00	10.00	0.00
39.00	1000.00	5.00	0.00
42.00	1008.00	8.00	0.00
45.00	1018.00	10.00	0.00
48.00	1024.00	6.00	0.00
51.00	1030.00	6.00	0.00
54.00	1035.00	5.00	0.00
57.00	1040.00	5.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	191.00	191.00
5.00	203.00	12.00
10.00	219.00	16.00
15.00	240.00	21.00
20.00	256.00	16.00
25.00	267.00	11.00
30.00	273.00	6.00
35.00	286.00	13.00
40.00	295.00	9.00
45.00	300.00	5.00
50.00	309.00	9.00
55.00	318.00	9.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	673.00	673.00	0.00
6.00	751.00	78.00	0.00
9.00	794.00	43.00	0.00
12.00	823.00	29.00	0.00
15.00	845.00	22.00	0.00
18.00	861.00	16.00	0.00
21.00	878.00	17.00	0.00
24.00	892.00	14.00	0.00
27.00	904.00	12.00	0.00
30.00	917.00	13.00	0.00
33.00	929.00	12.00	0.00
36.00	935.00	6.00	0.00
39.00	944.00	9.00	0.00
42.00	949.00	5.00	0.00
45.00	953.00	4.00	0.00
48.00	959.00	6.00	0.00
51.00	965.00	6.00	0.00
54.00	970.00	5.00	0.00
57.00	974.00	4.00	0.00
60.00	978.00	4.00	0.00
63.00	982.00	4.00	0.00
66.00	986.00	4.00	0.00
69.00	990.00	4.00	0.00
72.00	993.00	3.00	0.00
75.00	996.00	3.00	0.00
78.00	1000.00	4.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

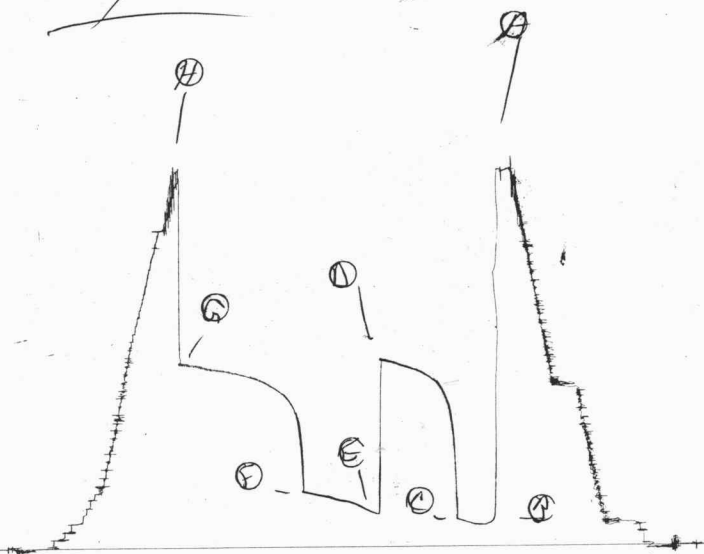
FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
81.00	1004.00	4.00	0.00
84.00	1007.00	3.00	0.00
87.00	1011.00	4.00	0.00
90.00	1015.00	4.00	0.00

K+19102

43849 DST 3

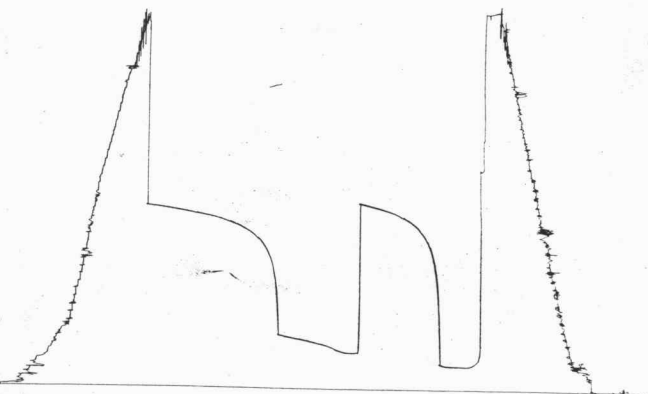
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K+19102

2604 DST 3

O





WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 19103

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 2993 K.B. Formation Ft. Scott Eff. Pay _____ Ft.

District Garden City Date 5-6-93 Customer Order No. _____

COMPANY NAME McCoy Petroleum Corp.

ADDRESS 110 S. Main, Suite 500 Wichita, KS. 67202

LEASE AND WELL NO. 2-26 Wright "B" COUNTY Haskell STATE KS. Sec 26 Twp 28S Rge 34W

Mail Invoice To McCoy Pet. Co. Name Same #2-26 Address Same No. Copies Requested Req.

Mail Charts To McCoy Pet. Address Same No. Copies Requested Req.

Formation Test No. 4 Interval Tested From 4840 ft. to 4884 ft. Total Depth 4884 ft.

Packer Depth 4835 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4840 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4843 ft.

Recorder Number 3849 Cap. 4200

Bottom Recorder Depth (Outside) 4846 ft.

Recorder Number 2604 Cap. 4150

Below Straddle Recorder Depth _____ ft.

Recorder Number _____ Cap. _____

Drilling Contractor Sweetman

Drill Collar Length 250 I. D. 2 1/4 in.

Mud Type Chem. Viscosity 44

Weight Pipe Length _____ I. D. _____ in.

Weight 9.0 Water Loss 10.4 cc.

Drill Pipe Length 4562 I. D. 3.8 in.

Chlorides 5.000 P.P.M.

Test Tool Length 28 ft. Tool Size 5 1/2 in.

Jars: Make W.T.C. Serial Number 402

Anchor Length (31+13) 44 ft. Size 6 1/2 5 1/2 in.

Did Well Flow? No Reversed Out No

Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 X.H. in.

Blow: Weak to Strong "B.O.B." in 8 Min. I.F.

Surface Blow to Strong in 22 Min. F.F.

Recovered 340 ft. of G.I.P.

Recovered 20 ft. of Muddy WTR cut Gassy Oil 56% Oil 4% Gas 6% mud 34% WTR

Recovered 380 ft. of Salt WTR 123,000 P.P.M.

Recovered _____ ft. of _____

Recovered _____ ft. of Total Fluid Rec. 400'

Chlorides 123,000 P.P.M. Sample Jars used _____ Remarks: _____

MAY 11 1993

Time On Location 12:45 A.M. Time Pick Up Tool 1:30 A.M. Time Off Location _____ A.M.

Time Set Packer(s) 3:20 A.M. Time Started Off Bottom 7:20 A.M. Maximum Temperature 124°F

Initial Hydrostatic Pressure _____ (A) 2271 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 36 P.S.I. to (C) 121 P.S.I.

Initial Closed In Period _____ Minutes 60 (D) 1267 P.S.I.

Final Flow Period _____ Minutes 60 (E) 142 P.S.I. to (F) 210 P.S.I.

Final Closed In Period _____ Minutes 90 (G) 1234 P.S.I.

Final Hydrostatic Pressure _____ (H) 2220 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature]
Signature of Customer or his authorized representative

Western Representative [Signature]

FIELD INVOICE

Open Hole Test ☒ \$ ✓
Misrun \$ _____
Straddle Test \$ _____
Jars ☒ \$ ✓
Selective Zone \$ _____
Safety Joint ☒ \$ ✓
Standby \$ _____
Evaluation \$ _____
Extra Packer \$ _____
Circ. Sub. \$ _____
Mileage \$ _____
Fluid Sampler \$ _____
Extra Charts \$ _____
Insurance \$ _____
Telecopier \$ _____
TOTAL \$ _____

WESTERN TESTING CO., INC.

Pressure Data

Date 5-6-92

Test Ticket No. 1902

Recorder No. 3849

Capacity

Location

Clock No. _____ Elevation _____

Well Temperature _____

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2192</u> P.S.I.			M
B First Initial Flow Pressure	<u>162</u> P.S.I.	First Flow Pressure	Mins. <u>30</u>	Mi
C First Final Flow Pressure	<u>142</u> P.S.I.	Initial Closed-in Pressure	Mins. <u>57</u>	Mi
D Initial Closed-in Pressure	<u>1284</u> P.S.I.	Second Flow Pressure	Mins. <u>55</u>	Mi
E Second Initial Flow Pressure	<u>124</u> P.S.I.	Final Closed-in Pressure	Mins. <u>87</u>	Mi
F Second Final Flow Pressure	<u>232</u> P.S.I.			
G Final Closed-in Pressure	<u>1252</u> P.S.I.			
H Final Hydrostatic Mud	<u>2261</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>162</u>	0	<u>142</u>	0	<u>124</u>	0	<u>232</u>
P 2 5	<u>162</u>	3	<u>459</u>	5	<u>124</u>	3	<u>528</u>
P 3 10	<u>179</u>	6	<u>684</u>	10	<u>181</u>	6	<u>662</u>
P 4 15	<u>102</u>	9	<u>814</u>	15	<u>187</u>	9	<u>238</u>
P 5 20	<u>123</u>	12	<u>902</u>	20	<u>196</u>	12	<u>810</u>
P 6 25	<u>138</u>	15	<u>977</u>	25	<u>200</u>	15	<u>871</u>
P 7 30	<u>142</u>	18	<u>1025</u>	30	<u>206</u>	18	<u>920</u>
P 8 35		21	<u>1067</u>	35	<u>214</u>	21	<u>961</u>
P 9 40		24	<u>1103</u>	40	<u>219</u>	24	<u>992</u>
P10 45		27	<u>1124</u>	45	<u>225</u>	27	<u>1020</u>
P11 50		30	<u>1159</u>	50	<u>229</u>	30	<u>1049</u>
P12 55		33	<u>1178</u>	55	<u>232</u>	33	<u>1075</u>
P13 60		36	<u>1196</u>	60		36	<u>1095</u>
P14 65		39	<u>1212</u>	65		39	<u>1109</u>
P15 70		42	<u>1229</u>	70		42	<u>1120</u>
P16 75		45	<u>1246</u>	75		45	<u>1138</u>
P17 80		48	<u>1257</u>	80		48	<u>1151</u>
P18 85		51	<u>1266</u>	85		51	<u>1161</u>
P19 90		54	<u>1272</u>	90		54	<u>1172</u>
P20 95		57	<u>1284</u>	95		57	<u>1180</u>
100		60		100		60	<u>1196</u>

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 19103

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I.	Open Tool _____	M _____	
B First Initial Flow Pressure _____	P.S.I.	First Flow Pressure _____	Mins. _____	Mins. _____
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure _____	Mins. _____	Mins. _____
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure _____	Mins. _____	Mins. _____
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure _____	Mins. _____	Mins. _____
F Second Final Flow Pressure _____	P.S.I.			
G Final Closed-in Pressure _____	P.S.I.			
H Final Hydrostatic Mud _____	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of _____ mins. and a		of _____ mins. and a		of _____ mins. and a		of _____ 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 1 105		63		105		63	<u>120</u>
P 2 110		66		110		66	<u>110</u>
P 3 115		69		115		69	<u>117</u>
P 4 120		72		120		72	<u>120</u>
P 5 125		75		125		75	<u>122</u>
P 6 130		78		130		78	<u>128</u>
P 7 135		81		135		81	<u>145</u>
P 8 140		84		140		84	<u>149</u>
P 9 145		87		145		87	<u>152</u>
P10 150		90		150		90	
P11 155		93		155		93	
P12 160		96		160		96	
P13 165		99		165		99	
P14 170		102		170		102	
P15 175		105		175		105	
P16 180		108		180		108	
P17 185		111		185		111	
P18 190		114		190		114	
P19 195		117		195		117	
P20 200		120		200		120	

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

DST REPORT

GENERAL INFORMATION

DATE : 5/6/93
CUSTOMER : MCCOY PETROLEUM CORP.
WELL : #2-26 TEST: 4
ELEVATION: 2993 KB
SECTION : 26
RANGE : 34W COUNTY: HASKELL
GAUGE SN#: 3849 RANGE : 4200

TICKET : 19103
LEASE : WRIGHT B
GEOLOGIST: HASTINGS
FORMATION: FT SCOTT
TOWNSHIP : 28S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4840.00 ft TO: 4884.00 ft TVD: 4884.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4843.0 ft 4846.0 ft
TEMPERATURE: 124.0

DRILL COLLAR LENGTH:	250.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4562.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	44.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH:	4835.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4840.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. : SWEETMAN
MUD TYPE : CHEMICAL
WEIGHT : 9.000 ppg
CHLORIDES : 5000 ppm
JARS-MAKE : WTC
DID WELL FLOW?: NO

VISCOSITY : 44.00 cp
WATER LOSS: 10.400 cc

SERIAL NUMBER: 402
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK TO STRONG BLOW - BOTTOM
OF BUCKET IN 8 MINUTES. FINAL FLOW PERIOD SURFACE
BLOW TO STRONG BLOW IN 22 MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
20.0	56.0	4.0	34.0	6.0	MUDDY WTR CUT GASSY OIL
380.0	0.0	0.0	100.0	0.0	SALTWATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 123000 PPM
0.0	0.0	0.0	0.0	0.0	340 FT GAS ABOVE FLUID

RATE INFORMATION

OIL VOLUME:	0.1571 STB	TOTAL FLOW TIME:	85.0000 min.
GAS VOLUME:	0.0630 SCF	AVERAGE OIL RATE:	2.8388 STB/D
MUD VOLUME:	0.0168 STB	AVERAGE WATER RATE:	53.4415 STB/D
WATER VOLUME:	3.1482 STB		
TOTAL FLUID :	3.3221 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2271.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	36.00	121.00
INITIAL SHUT-IN	60.00		1267.00
FINAL FLOW	60.00	142.00	210.00
FINAL SHUT-IN	90.00		1234.00

FINAL HYDROSTATIC PRESSURE: 2220.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2292.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	63.00	143.00
INITIAL SHUT-IN	57.00		1284.00
FINAL FLOW	55.00	174.00	233.00
FINAL SHUT-IN	87.00		1252.00

FINAL HYDROSTATIC PRESSURE: 2261.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 5/6/93	TICKET	: 19103
CUSTOMER	: MCCOY PETROLEUM CORP.	LEASE	: WRIGHT B
WELL	: #2-26	GEOLOGIST	: HASTINGS
ELEVATION	: 2993 KB	FORMATION	: FT SCOTT
SECTION	: 26	TOWNSHIP	: 28S
RANGE	: 34W	STATE	: KS
GAUGE SN#	: 3849	CLOCK	: 12
	COUNTY: HASKELL		
	RANGE : 4200		

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	63.00	63.00
5.00	63.00	0.00
10.00	79.00	16.00
15.00	102.00	23.00
20.00	123.00	21.00
25.00	138.00	15.00
30.00	143.00	5.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	459.00	459.00	0.00
6.00	684.00	225.00	0.00
9.00	816.00	132.00	0.00
12.00	903.00	87.00	0.00
15.00	977.00	74.00	0.00
18.00	1025.00	48.00	0.00
21.00	1067.00	42.00	0.00
24.00	1103.00	36.00	0.00
27.00	1134.00	31.00	0.00
30.00	1159.00	25.00	0.00
33.00	1178.00	19.00	0.00
36.00	1196.00	18.00	0.00
39.00	1213.00	17.00	0.00
42.00	1229.00	16.00	0.00
45.00	1246.00	17.00	0.00
48.00	1257.00	11.00	0.00
51.00	1266.00	9.00	0.00
54.00	1272.00	6.00	0.00
57.00	1284.00	12.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	174.00	174.00
5.00	174.00	0.00
10.00	181.00	7.00
15.00	187.00	6.00
20.00	196.00	9.00
25.00	200.00	4.00
30.00	206.00	6.00
35.00	214.00	8.00
40.00	219.00	5.00
45.00	225.00	6.00
50.00	229.00	4.00
55.00	233.00	4.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	528.00	528.00	0.00
6.00	662.00	134.00	0.00
9.00	738.00	76.00	0.00
12.00	810.00	72.00	0.00
15.00	871.00	61.00	0.00
18.00	920.00	49.00	0.00
21.00	961.00	41.00	0.00
24.00	993.00	32.00	0.00
27.00	1020.00	27.00	0.00
30.00	1049.00	29.00	0.00
33.00	1075.00	26.00	0.00
36.00	1095.00	20.00	0.00
39.00	1109.00	14.00	0.00
42.00	1120.00	11.00	0.00
45.00	1138.00	18.00	0.00
48.00	1151.00	13.00	0.00
51.00	1161.00	10.00	0.00
54.00	1173.00	12.00	0.00
57.00	1180.00	7.00	0.00
60.00	1196.00	16.00	0.00
63.00	1202.00	6.00	0.00
66.00	1210.00	8.00	0.00
69.00	1217.00	7.00	0.00
72.00	1223.00	6.00	0.00
75.00	1232.00	9.00	0.00
78.00	1238.00	6.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

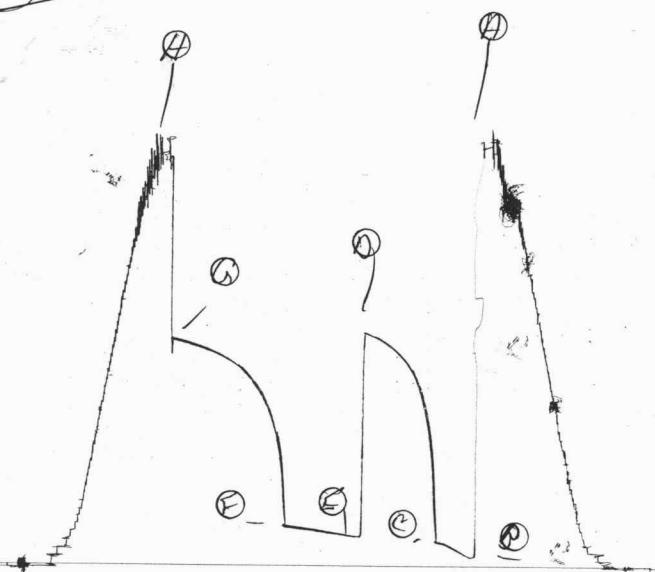
FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
81.00	1245.00	7.00	0.00
84.00	1249.00	4.00	0.00
87.00	1252.00	3.00	0.00

K4 9103

43849 DST 4

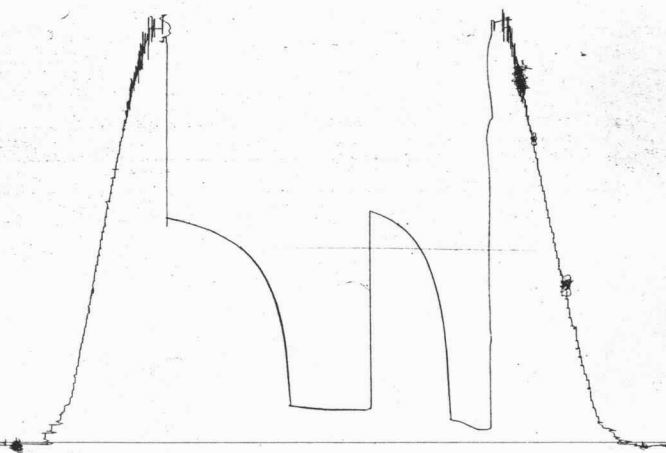
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K4 9103

2604 DST 4

O





P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

Last Test
Nº 19104

Elevation 2993 A.B. Formation Marion Sst Eff. Pay _____ Ft.

District Golden City Date 5-7-93 Customer Order No. _____

COMPANY NAME McCoy Petroleum Corp

ADDRESS 110 S. Main, Suite 500 Wichita, KS 67202

LEASE AND WELL NO. 226 Wright "B" COUNTY Marshall STATE KS Sec. 26 Twp. 28S Rge. 34W

Mail Invoice To McCoy Pet Co. Name McCoy Address 110 S. Main No. Copies Requested Reg.

Mail Charts To McCoy Pet Co. Name McCoy Address 110 S. Main No. Copies Requested Reg.

Formation Test No. 5 Interval Tested From 5326 ft. to 5350 ft. Total Depth 5350 ft.

Packer Depth 5321 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 5326 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 5338 ft. Recorder Number 3849 Cap. 4200

Bottom Recorder Depth (Outside) 5341 ft. Recorder Number 2604 Cap. 4150

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Sweetman Drill Collar Length 281 I. D. 2 1/4 in.

Mud Type Chem Viscosity 45 Weight Pipe Length _____ I. D. _____ in.

Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 5017 I. D. 3.8 in.

Chlorides 4500 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.

Jars: Make W.T.C. Serial Number 402 Anchor Length 24 ft. Size 5 1/2 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 X H. in.

Blow: Surface blow, slowly built to 3/4" in Bucket I.F.
Pair 4" slowly built to the "B.O.B." in 25 min. F.F.

Recovered 740 ft. of G.I.P.

Recovered 50 ft. of Sl. Oil cut mud 6% Oil 94% mud

Recovered 30 ft. of Gassy mud cut oil 42% Oil 18% Gas 40% mud

Recovered _____ ft. of _____

Recovered _____ ft. of Total Fluid Rec. 80'

Chlorides _____ P.P.M. Sample Jars used _____ Remarks: _____

MAY 11 1993

Time On Location 3:45 A.M. Time Pick Up Tool 4:30 A.M. Time Off Location _____ A.M.

Time Set Packer(s) 6:00 A.M. Time Started Off Bottom 11:30 A.M. Maximum Temperature 134°F

Initial Hydrostatic Pressure _____ (A) 2599 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 10 P.S.I. to (C) 19 P.S.I.

Initial Closed In Period _____ Minutes 60 (D) 361 P.S.I.

Final Flow Period _____ Minutes 120 (E) 23 P.S.I. to (F) 34 P.S.I.

Final Closed In Period _____ Minutes 120 (G) 1037 P.S.I.

Final Hydrostatic Pressure _____ (H) 2508 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature]
Signature of Customer or his authorized representative

Western Representative [Signature]

FIELD INVOICE

Open Hole Test ☒ \$ ☒
Misrun \$ _____
Straddle Test \$ _____
Jars ☒ \$ ☒
Selective Zone \$ _____
Safety Joint ☒ \$ ☒
Standby \$ _____
Evaluation \$ _____
Extra Packer \$ _____
Circ. Sub. \$ _____
Mileage \$ _____
Fluid Sampler \$ _____
Extra Charts \$ _____
Insurance \$ _____
Telecopier \$ _____
TOTAL \$ _____

WESTERN TESTING CO., INC.

Pressure Data

Date 5-2-93

Test Ticket No. 19104

Recorder No. 3849

Capacity _____ Location _____

Clock No. _____ Elevation _____ Well Temperature _____

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2639</u> P.S.I.	M		
B First Initial Flow Pressure	<u>51</u> P.S.I.	First Flow Pressure	Mins. <u>50</u>	Mi
C First Final Flow Pressure	<u>51</u> P.S.I.	Initial Closed-in Pressure	Mins. <u>57</u>	Mi
D Initial Closed-in Pressure	<u>390</u> P.S.I.	Second Flow Pressure	Mins. <u>15</u>	Mi
E Second Initial Flow Pressure	<u>51</u> P.S.I.	Final Closed-in Pressure	Mins. <u>11</u>	Mi
F Second Final Flow Pressure	<u>63</u> P.S.I.			
G Final Closed-in Pressure	<u>1058</u> P.S.I.			
H Final Hydrostatic Mud	<u>2519</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>59</u>	0	<u>51</u>	0	<u>51</u>	0	<u>63</u>
P 2 5	<u>2</u>	3	<u>52</u>	5	<u>2</u>	3	<u>83</u>
P 3 10	<u>39</u>	6	<u>60</u>	10	<u>2</u>	6	<u>110</u>
P 4 15	<u>44</u>	9	<u>71</u>	15	<u>52</u>	9	<u>142</u>
P 5 20	<u>49</u>	12	<u>81</u>	20	<u>53</u>	12	<u>170</u>
P 6 25	<u>51</u>	15	<u>95</u>	25	<u>54</u>	15	<u>202</u>
P 7 30		18	<u>110</u>	30	<u>55</u>	18	<u>236</u>
P 8 35		21	<u>121</u>	35	<u>56</u>	21	<u>265</u>
P 9 40		24	<u>136</u>	40	<u>5</u>	24	<u>296</u>
P10 45		27	<u>151</u>	45	<u>56</u>	27	<u>328</u>
P11 50		30	<u>162</u>	50	<u>57</u>	30	<u>360</u>
P12 55		33	<u>188</u>	55	<u>58</u>	33	<u>390</u>
P13 60		36	<u>211</u>	60	<u>59</u>	36	<u>417</u>
P14 65		39	<u>236</u>	65	<u>60</u>	39	<u>449</u>
P15 70		42	<u>256</u>	70	<u>61</u>	42	<u>477</u>
P16 75		45	<u>284</u>	75	<u>61</u>	45	<u>509</u>
P17 80		48	<u>312</u>	80	<u>62</u>	48	<u>539</u>
P18 85		51	<u>346</u>	85	<u>5</u>	51	<u>571</u>
P19 90		54	<u>376</u>	90	<u>62</u>	54	<u>602</u>
P20 95		57	<u>390</u>	95	<u>63</u>	57	<u>636</u>
100		60		100	<u>63</u>	60	<u>659</u>

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 19104

Recorder No. _____ Capacity _____ Location _____ Ft.

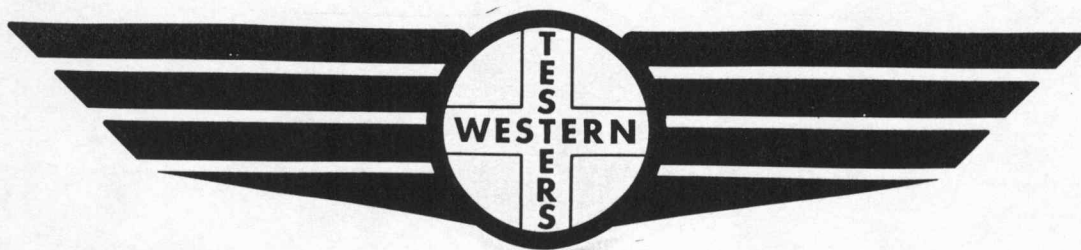
Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I.	Open Tool _____	M _____	
B First Initial Flow Pressure _____	P.S.I.	First Flow Pressure _____	Mins. _____	Mins. _____
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure _____	Mins. _____	Mins. _____
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure _____	Mins. _____	Mins. _____
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure _____	Mins. _____	Mins. _____
F Second Final Flow Pressure _____	P.S.I.			
G Final Closed-in Pressure _____	P.S.I.			
H Final Hydrostatic Mud _____	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of _____ mins. and a		of _____ mins. and a		of _____ mins. and a		of _____ 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 1 105		63		105	<u>68</u>	63	<u>689</u>
P 2 110		66		110	<u>5</u>	66	<u>720</u>
P 3 115		69		115	<u>62</u>	69	<u>749</u>
P 4 120		72		120		72	<u>777</u>
P 5 125		75		125		75	<u>802</u>
P 6 130		78		130		78	<u>828</u>
P 7 135		81		135		81	<u>849</u>
P 8 140		84		140		84	<u>874</u>
P 9 145		87		145		87	<u>892</u>
P10 150		90		150		90	<u>921</u>
P11 155		93		155		93	<u>942</u>
P12 160		96		160		96	<u>964</u>
P13 165		99		165		99	<u>982</u>
P14 170		102		170		102	<u>1000</u>
P15 175		105		175		105	<u>1019</u>
P16 180		108		180		108	<u>1042</u>
P17 185		111		185		111	<u>1058</u>
P18 190		114		190		114	
P19 195		117		195		117	
P20 200		120		200		120	

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone **1 - 800-688-7021**

DST REPORT

GENERAL INFORMATION

DATE	: 5/7/93	TICKET	: 19104
CUSTOMER	: MCCOY PETROLEUM CORP.	LEASE	: WRIGHT B
WELL	: #2-26	TEST: 5	GEOLOGIST: HASTINGS
ELEVATION	: 2993 KB	FORMATION	: MORROW SST
SECTION	: 26	TOWNSHIP	: 28S
RANGE	: 34W	STATE	: KS
GAUGE SN#	: 3849	RANGE	: 4200
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	5326.00 ft	TO:	5350.00 ft	TVD:	5350.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	5338.0 ft		5341.0 ft		
TEMPERATURE:	134.0				
DRILL COLLAR LENGTH:	281.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	5017.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	24.0 ft	ANCHOR SIZE:		5.500 in	
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:		0.750 in	
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :		4.5XH	
PACKER DEPTH:	5321.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	5326.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON. :	SWEETMAN	VISCOSITY :	45.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	8.000 cc
WEIGHT :	9.100 ppg	SERIAL NUMBER:	402
CHLORIDES :	4500 ppm	REVERSED OUT?:	NO
JARS-MAKE :	WTC		
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD SURFACE BLOW - SLOWLY BUILT TO
3/4 INCH IN BUCKET. FINAL FLOW PERIOD FAIR 4 INCH
BLOW - SLOWLY BUILT TO THE BOTTOM OF BUCKET IN

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

25 MINUTES.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
50.0	6.0	0.0	0.0	94.0	SLIGHTLY OIL CUT MUD
30.0	42.0	18.0	0.0	40.0	GASSY MUD CUT OIL
0.0	0.0	0.0	0.0	0.0	740 FT GAS ABOVE FLUID

RATE INFORMATION

OIL VOLUME: 0.0767 STB
 GAS VOLUME: 0.1491 SCF
 MUD VOLUME: 0.2901 STB
 WATER VOLUME: 0.0000 STB
 TOTAL FLUID : 0.3668 STB

TOTAL FLOW TIME: 145.0000 min.
 AVERAGE OIL RATE: 3.6431 STB/D
 AVERAGE WATER RATE: 0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2599.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	10.00	19.00
INITIAL SHUT-IN	60.00		361.00
FINAL FLOW	120.00	23.00	34.00
FINAL SHUT-IN	120.00		1037.00

FINAL HYDROSTATIC PRESSURE: 2508.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2639.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	39.00	51.00
INITIAL SHUT-IN	57.00		390.00
FINAL FLOW	115.00	52.00	63.00
FINAL SHUT-IN	111.00		1058.00

FINAL HYDROSTATIC PRESSURE: 2519.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 5/7/93	TICKET : 19104
CUSTOMER : MCCOY PETROLEUM CORP.	LEASE : WRIGHT B
WELL : #2-26 TEST: 5	GEOLOGIST: HASTINGS
ELEVATION: 2993 KB	FORMATION: MORROW SST
SECTION : 26	TOWNSHIP : 28S
RANGE : 34W COUNTY: HASKELL	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	39.00	39.00
5.00	39.00	0.00
10.00	39.00	0.00
15.00	39.00	0.00
20.00	44.00	5.00
25.00	49.00	5.00
30.00	51.00	2.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	53.00	53.00	0.00
6.00	60.00	7.00	0.00
9.00	71.00	11.00	0.00
12.00	81.00	10.00	0.00
15.00	95.00	14.00	0.00
18.00	110.00	15.00	0.00
21.00	121.00	11.00	0.00
24.00	136.00	15.00	0.00
27.00	151.00	15.00	0.00
30.00	167.00	16.00	0.00
33.00	188.00	21.00	0.00
36.00	211.00	23.00	0.00
39.00	236.00	25.00	0.00
42.00	256.00	20.00	0.00
45.00	284.00	28.00	0.00
48.00	313.00	29.00	0.00
51.00	346.00	33.00	0.00
54.00	376.00	30.00	0.00
57.00	390.00	14.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	52.00	52.00
5.00	52.00	0.00
10.00	52.00	0.00
15.00	52.00	0.00
20.00	53.00	1.00
25.00	54.00	1.00
30.00	55.00	1.00
35.00	56.00	1.00
40.00	56.00	0.00
45.00	56.00	0.00
50.00	57.00	1.00
55.00	58.00	1.00
60.00	59.00	1.00
65.00	60.00	1.00
70.00	61.00	1.00
75.00	61.00	0.00
80.00	62.00	1.00
85.00	62.00	0.00
90.00	62.00	0.00
95.00	63.00	1.00
100.00	63.00	0.00
105.00	63.00	0.00
110.00	63.00	0.00
115.00	63.00	0.00

FINAL SHUT IN

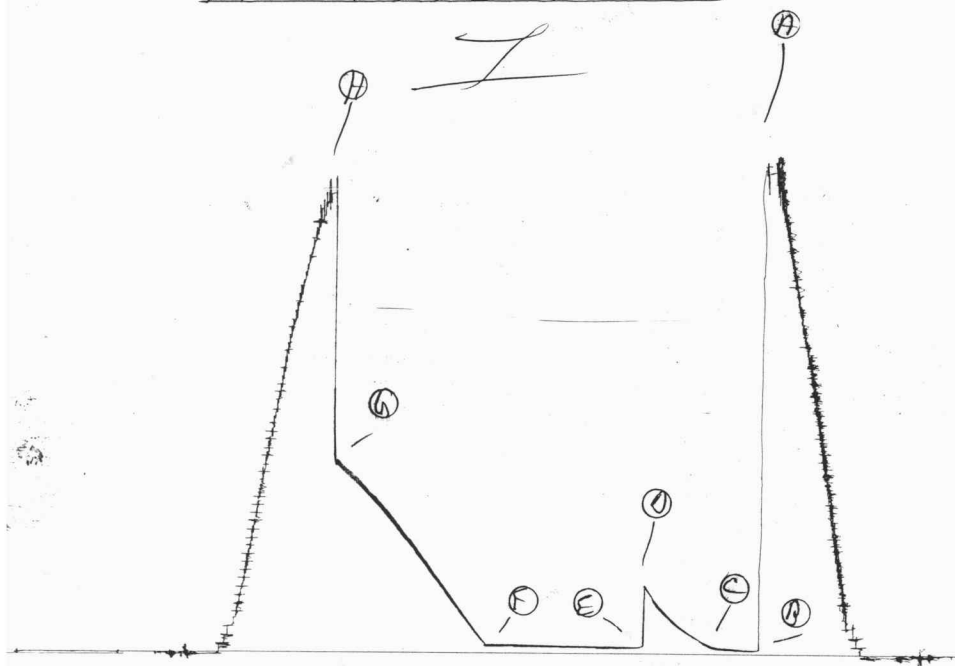
Time (min)	Pressure	Delta P	Horner T
3.00	83.00	83.00	0.00
6.00	110.00	27.00	0.00
9.00	142.00	32.00	0.00
12.00	170.00	28.00	0.00
15.00	202.00	32.00	0.00
18.00	236.00	34.00	0.00
21.00	265.00	29.00	0.00
24.00	296.00	31.00	0.00
27.00	328.00	32.00	0.00
30.00	360.00	32.00	0.00
33.00	390.00	30.00	0.00
36.00	417.00	27.00	0.00
39.00	449.00	32.00	0.00
42.00	477.00	28.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
45.00	509.00	32.00	0.00
48.00	539.00	30.00	0.00
51.00	571.00	32.00	0.00
54.00	602.00	31.00	0.00
57.00	636.00	34.00	0.00
60.00	659.00	23.00	0.00
63.00	689.00	30.00	0.00
66.00	720.00	31.00	0.00
69.00	749.00	29.00	0.00
72.00	777.00	28.00	0.00
75.00	802.00	25.00	0.00
78.00	828.00	26.00	0.00
81.00	849.00	21.00	0.00
84.00	874.00	25.00	0.00
87.00	893.00	19.00	0.00
90.00	921.00	28.00	0.00
93.00	943.00	22.00	0.00
96.00	964.00	21.00	0.00
99.00	983.00	19.00	0.00
102.00	1000.00	17.00	0.00
105.00	1019.00	19.00	0.00
108.00	1042.00	23.00	0.00
111.00	1058.00	16.00	0.00

K+19104 83849 DST5



K+19104 2004 DST5

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