WESTERN TESTING CO., INC.
FORMATION TESTING TICKET

Nº 19005

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

Elevation KB. 3142 Formation Pawnee Eff. Pay 7 Ft.

District Garden City Date 3-25-93 Customer Order No.

COMPANY NAME McCoy Petroleum Corp

ADDRESS 110 S. Main Suite 500 Wichita KS, 67202

LEASE AND WELL NO. 1-16 Campbell "A" COUNTY Kerny STATE KS Sec. 16 Twp. 21 Rge. 35W

Mail Invoice To Same Same No. Copies Requested Reg
Co. Name Address

Mail Charts To #1-16 Campbell "A" No. Copies Requested Reg
Address

Formation Test No. 1 Interval Tested From 4508 ft. to 4538 ft. Total Depth 4538 ft.

Packer Depth 4503 ft. Size 6 7/8 in. Packer Depth — ft. Size — in.

Packer Depth 4508 ft. Size 6 7/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4529 ft. Recorder Number 1562 Cap. 3900

Bottom Recorder Depth (Outside) 4532 ft. Recorder Number 10242 Cap. 4100

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

Drilling Contractor Sweetman Rig 1 Drill Collar Length 280 I. D. 2 1/4 in.

Mud Type Chemical Viscosity 44 Weight Pipe Length — I. D. — in.

Weight 9.1 Water Loss 11.2 cc. Drill Pipe Length 4200 I. D. 3.8 in.

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

Jars: Make WTC Serial Number 405 Anchor Length 30 ft. Size 5 1/2 od 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 XH in.

Blow: Very Weak to 3" Fair Blow In 30 min. IFP
Weak 1/4" Blow F/ 60 min F.F.P.

Recovered 90 ft. of mud W/ oil spots

Recovered 90' ft. of muddy water, W/ scum of oil, 50% mud 50% water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides 39,000 P.P.M. Sample Jars used — Remarks (Total Fluid 180')

MAR 3 0 1993

Time On Location 1:30 A.M. / P.M. Time Pick Up Tool 3:30 A.M. / P.M. Time Off Location A.M. / P.M.

Time Set Packer(s) 5:07 A.M. / P.M. Time Started Off Bottom 9:07 A.M. / P.M. Maximum Temperature 112°F

Initial Hydrostatic Pressure			(A)	2191	P.S.I.	
Initial Flow Period	Minutes	30	(B)	60	P.S.I. to (C)	60 P.S.I.
Initial Closed In Period	Minutes	60	(D)	1084	P.S.I.	
Final Flow Period	Minutes	60	(E)	90	P.S.I. to (F)	120 P.S.I.
Final Closed In Period	Minutes	90	(G)	1055	P.S.I.	
Final Hydrostatic Pressure			(H)	2132	P.S.I.	

1562

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. Hartz
Signature of Customer or his authorized representative

Western Representative Brad Boyt Thank you

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 5-25-92 Test Ticket No. 19005

Recorder No. 15602 Capacity Location Ft.

Clock No. Elevation Well Temperature °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2195 P.S.I.	Open Tool	M	
B	First Initial Flow Pressure	68 P.S.I.	First Flow Pressure	30 Mins	30 Mins.
C	First Final Flow Pressure	68 P.S.I.	Initial Closed-in Pressure	60 Mins	60 Mins.
D	Initial Closed-in Pressure	1082 P.S.I.	Second Flow Pressure	60 Mins	60 Mins.
E	Second Initial Flow Pressure	89 P.S.I.	Final Closed-in Pressure	99 Mins	99 Mins.
F	Second Final Flow Pressure	108 P.S.I.			
G	Final Closed-in Pressure	1064 P.S.I.			
H	Final Hydrostatic Mud	2138 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.		Press.
P 1	0	68
P 2	5	
P 3	10	
P 4	15	
P 5	20	68
P 6	25	68
P 7	30	68
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14	65	
P15	70	
P16	75	
P17	80	
P18	85	
P19	90	
P20	95	
	100	

Initial Shut-In
Breakdown: Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	68
3	322
6	656
9	852
12	900
15	939
18	966
21	987
24	1002
27	1016
30	1029
33	1037
36	1045
39	1052
42	1059
45	1065
48	1070
51	1075
54	1078
57	1080
60	1082

Second Flow Pressure
Breakdown: Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	89
5	
10	
15	
20	89
25	89
30	90
35	94
40	98
45	102
50	104
55	106
60	108
65	
70	
75	
80	
85	
90	
95	
100	

Final Shut-In
Breakdown: Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	108
3	197
6	482
9	682
12	804
15	859
18	896
21	919
24	937
27	954
30	967
33	976
36	985
39	993
42	1000
45	1007
48	1013
51	1018
54	1022
57	1028
60	1030

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 19005

Recorder No. _____ Capacity _____ Location _____ Ft.

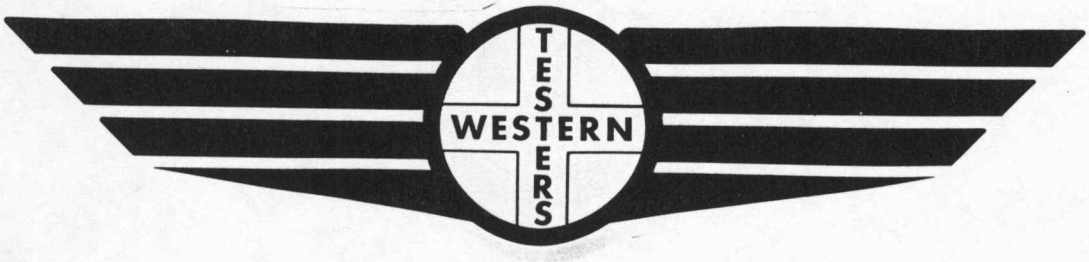
Clock No. _____ Elevation _____ Well Temperature _____ °F

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	1356
P 2 110		66		110		66	1359
P 3 115		69		115		69	1457
P 4 120		72		120		72	1457
P 5 125		75		125		75	1047
P 6 130		78		130		78	1049
P 7 135		81		135		81	1051
P 8 140		84		140		84	1053
P 9 145		87		145		87	1055
P10 150		90		150		90	1058
P11 155		93		155		93	1060
P12 160		96		160		96	1062
P13 165		99		165		99	1064
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**

COMPANY MCCOY PETROLEUM CORP. LEASE & WELL NO. #1-16 CAMPBELL A SEC. 16 TWP. 21S RGE. 35W TEST NO. 1 DATE 3/25/93

DST REPORT

GENERAL INFORMATION

DATE	: 3-263-25-93	TICKET	: 19005
CUSTOMER	: MCCOY PETROLEUM CORP.	LEASE	: CAMPBELL A
WELL	: #1-16 TEST: 1	GEOLOGIST	: J. HASTINGS
ELEVATION	: 3142 K.B.	FORMATION	: PAWNEE
SECTION	: 16	TOWNSHIP	: 21
RANGE	: 35W COUNTY: KEARNY	STATE	: KS
GAUGE SN#	: 1562 RANGE : 3900	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4508.00 ft TO: 4538.00 ft TVD: 4538.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4529.0 ft 4532.0 ft
TEMPERATURE: 112.0

DRILL COLLAR LENGTH:	280.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4200.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	30.0 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:	4503.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4508.0 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 DRLG.		
MUD TYPE	: CHEMICAL	VISCOSITY :	44.00 cp
WEIGHT	: 9.100 ppg	WATER LOSS:	11.200 cc
CHLORIDES	: 5000 ppm		
JARS-MAKE	: WTC	SERIAL NUMBER:	405
DID WELL FLOW?:	NO	REVERSED OUT?:	NO

COMMENTS

Comment

VERY WEAK TO 3" FAIR BLOW IN 30 MINUTES ON
INITIAL FLOW PERIOD. WEAK 1/4" BLOW FOR 60 MIN.
ON FINAL FLOW PERIOD.

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
90.0	0.0	0.0	0.0	100.0	MUD W/OIL SPOTS
90.0	0.0	0.0	50.0	50.0	MUDDY WTR W/SCHUM OF OIL
0.0	0.0	0.0	0.0	0.0	CHLORIDES 39000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000 STB		
GAS VOLUME:	0.0000 SCF	TOTAL FLOW TIME:	90.0000 min.
MUD VOLUME:	0.6639 STB	AVERAGE OIL RATE:	0.0000 STB/D
WATER VOLUME:	0.2213 STB	AVERAGE WATER RATE:	7.0812 STB/D
TOTAL FLUID :	0.8851 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2191.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	60.00	60.00
INITIAL SHUT-IN	60.00		1084.00
FINAL FLOW	60.00	90.00	120.00
FINAL SHUT-IN	90.00		1055.00

FINAL HYDROSTATIC PRESSURE: 2132.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2195.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	63.00	68.00
INITIAL SHUT-IN	60.00		1082.00
FINAL FLOW	60.00	89.00	108.00
FINAL SHUT-IN	99.00		1064.00

FINAL HYDROSTATIC PRESSURE: 2138.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 3-263-25-93	TICKET	: 19005
CUSTOMER	: MCCOY PETROLEUM CORP.	LEASE	: CAMPBELL A
WELL	: #1-16 TEST: 1	GEOLOGIST	: J. HASTINGS
ELEVATION	: 3142 K.B.	FORMATION	: PAWNEE
SECTION	: 16	TOWNSHIP	: 21
RANGE	: 35W COUNTY: KEARNY	STATE	: KS
GAUGE SN#	: 1562 RANGE : 3900	CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	63.00	63.00
5.00	63.00	0.00
10.00	63.00	0.00
15.00	63.00	0.00
20.00	63.00	0.00
25.00	65.00	2.00
30.00	68.00	3.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	322.00	322.00	0.00
6.00	656.00	334.00	0.00
9.00	832.00	176.00	0.00
12.00	900.00	68.00	0.00
15.00	939.00	39.00	0.00
18.00	966.00	27.00	0.00
21.00	987.00	21.00	0.00
24.00	1003.00	16.00	0.00
27.00	1016.00	13.00	0.00
30.00	1029.00	13.00	0.00
33.00	1037.00	8.00	0.00
36.00	1045.00	8.00	0.00
39.00	1052.00	7.00	0.00
42.00	1059.00	7.00	0.00
45.00	1065.00	6.00	0.00
48.00	1070.00	5.00	0.00
51.00	1073.00	3.00	0.00
54.00	1078.00	5.00	0.00
57.00	1080.00	2.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
60.00	1082.00	2.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	89.00	89.00
5.00	89.00	0.00
10.00	89.00	0.00
15.00	89.00	0.00
20.00	89.00	0.00
25.00	89.00	0.00
30.00	90.00	1.00
35.00	94.00	4.00
40.00	98.00	4.00
45.00	102.00	4.00
50.00	104.00	2.00
55.00	106.00	2.00
60.00	108.00	2.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	197.00	197.00	0.00
6.00	482.00	285.00	0.00
9.00	682.00	200.00	0.00
12.00	804.00	122.00	0.00
15.00	859.00	55.00	0.00
18.00	896.00	37.00	0.00
21.00	919.00	23.00	0.00
24.00	937.00	18.00	0.00
27.00	954.00	17.00	0.00
30.00	967.00	13.00	0.00
33.00	976.00	9.00	0.00
36.00	985.00	9.00	0.00
39.00	993.00	8.00	0.00
42.00	1000.00	7.00	0.00
45.00	1007.00	7.00	0.00
48.00	1013.00	6.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
51.00	1018.00	5.00	0.00
54.00	1022.00	4.00	0.00
57.00	1028.00	6.00	0.00
60.00	1032.00	4.00	0.00
63.00	1036.00	4.00	0.00
66.00	1039.00	3.00	0.00
69.00	1042.00	3.00	0.00
72.00	1045.00	3.00	0.00
75.00	1047.00	2.00	0.00
78.00	1049.00	2.00	0.00
81.00	1051.00	2.00	0.00
84.00	1053.00	2.00	0.00
87.00	1055.00	2.00	0.00
90.00	1058.00	3.00	0.00
93.00	1060.00	2.00	0.00
96.00	1062.00	2.00	0.00
99.00	1064.00	2.00	0.00

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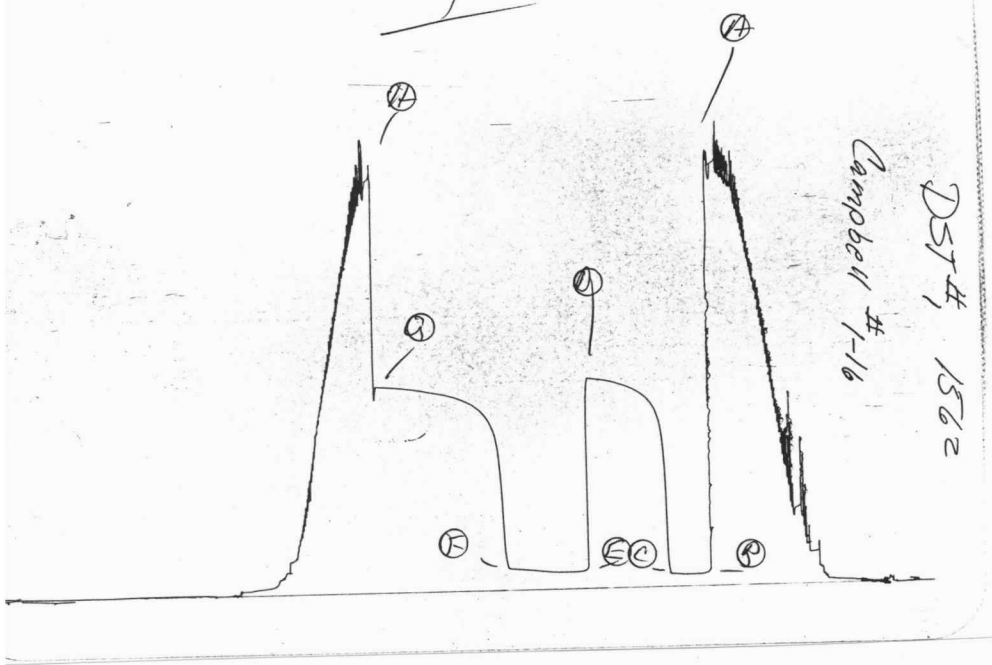

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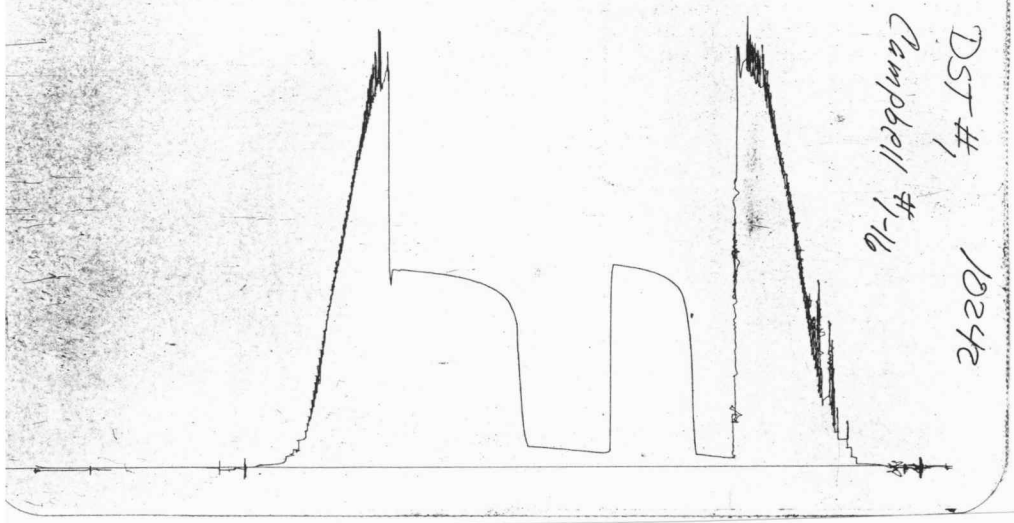

last Test

WESTERN TESTING CO., INC.
FORMATION TESTING TICKET

Nº 19006

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

Elevation KB 3142 Formation Ft. Scott Eff. Pay 10 Ft.

District Garden City Date 3-26-93 Customer Order No.

COMPANY NAME McCoy Petroleum Corp.

ADDRESS 110 S Main Suite 500 Wichita KS 67202

LEASE AND WELL NO. Campbell 1-16 COUNTY Kearny STATE KS Sec. 16 Twp. 21 Rge. 35W

Mail Invoice To Same Same No. Copies Requested Reg
Co. Name / Address

Mail Charts To #1-16 Campbell A No. Copies Requested Reg
Address

Formation Test No. 2 Interval Tested From 4553 ft. to 4570 ft. Total Depth 4570 ft.

Packer Depth 4548 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Packer Depth 4553 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside)	4561 ft.	Recorder Number 1562	Cap. 3900
Bottom Recorder Depth (Outside)	4564 ft.	Recorder Number 10242	Cap. 4100
Below Straddle Recorder Depth	— ft.	Recorder Number —	Cap. —

Drilling Contractor	Sweetman Drlg.	Drill Collar Length	311 I. D. 2¼ in.
Mud Type	Chemical Viscosity 48	Weight Pipe Length	— I. D. — in.
Weight	8.9+ Water Loss 11.2 cc.	Drill Pipe Length	4214 I. D. 3.8 in.
Chlorides	6,500 P.P.M.	Test Tool Length	28 ft. Tool Size 5½ od in.
Jars: Make	WTC Serial Number 405	Anchor Length	17 ft. Size 5½ od 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 4½ XH in.

Blow: Weak to strong Blow Bottom bucket 4min I.F.P.
Weak to strong Blow Bottom bucket In 5min F.F.P.

Recovered 2112 ft. of gas In Pipe
Recovered 450 ft. of Clean gassy oil 35%gas 65% oil (31 gravity @60°F)
Recovered 180 ft. of oil & Heavaly gas cut mud 40% gas 20% oil 40% mud
Recovered 90' ft. of Slightly oil cut mud 10% oil 90% mud
Recovered ft. of

Chlorides P.P.M. Sample Jars used Remarks:
(Blow Back on I.C.P bottom bucket 28min.)
(Blow Back on F.C.P. bottom bucket 20min.)

MAR 3 0 1993

Time On Location	7:00 A.M. P.M.	Time Pick Up Tool	7:30 A.M. P.M.	Time Off Location	A.M. P.M.
Time Set Packer(s)	9:22 A.M. P.M.	Time Started Off Bottom	2:22 A.M. P.M.	Maximum Temperature	114°F

Initial Hydrostatic Pressure		(A)	2221	P.S.I.	
Initial Flow Period	Minutes 30	(B)	100	P.S.I. to (C)	150 P.S.I.
Initial Closed In Period	Minutes 60	(D)	569	P.S.I.	
Final Flow Period	Minutes 90	(E)	200	P.S.I. to (F)	310 P.S.I.
Final Closed In Period	Minutes 120	(G)	579	P.S.I.	
Final Hydrostatic Pressure		(H)	2211	P.S.I.	1562

COMPANY TERMS

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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. Nasty
Signature of Customer or his authorized representative

Western Representative Brad Bolz Thank you

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 5-16-82 Test Ticket No. 9006

Recorder No. 1562 Capacity Location Ft.

Clock No. Elevation Well Temperature °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2217 P.S.I.	Open Tool	M	
B	First Initial Flow Pressure	96 P.S.I.	First Flow Pressure	Mins. 30	Mins.
C	First Final Flow Pressure	145 P.S.I.	Initial Closed-in Pressure	Mins. 120	Mins.
D	Initial Closed-in Pressure	572 P.S.I.	Second Flow Pressure	Mins. 90	Mins.
E	Second Initial Flow Pressure	206 P.S.I.	Final Closed-in Pressure	Mins. 171	Mins.
F	Second Final Flow Pressure	305 P.S.I.			
G	Final Closed-in Pressure	579 P.S.I.			
H	Final Hydrostatic Mud	2180 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure

Breakdown: Inc. of 5 mins. and a final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	96
P 2	5	98
P 3	10	116
P 4	15	127
P 5	20	132
P 6	25	138
P 7	30	145
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14	65	
P15	70	
P16	75	
P17	80	
P18	85	
P19	90	
P20	95	
	100	

Initial Shut-In

Breakdown: Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	145
3	249
6	360
9	450
12	466
15	492
18	510
21	526
24	534
27	544
30	551
33	556
36	560
39	562
42	565
45	567
48	569
51	570
54	571
57	572
60	572
63	572

Second Flow Pressure

Breakdown: Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	206
5	5
10	206
15	208
20	212
25	220
30	227
35	235
40	244
45	253
50	257
55	265
60	272
65	282
70	286
75	291
80	298
85	301
90	305
95	
100	

Final Shut-In

Breakdown: Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	305
3	362
6	420
9	458
12	481
15	495
18	506
21	519
24	527
27	534
30	540
33	545
36	546
39	549
42	552
45	555
48	557
51	558
54	559
57	560
60	561

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 19006

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	562
P 2 110		66		110		66	563
P 3 115		69		115		69	564
P 4 120		72		120		72	565
P 5 125		75		125		75	566
P 6 130		78		130		78	567
P 7 135		81		135		81	567
P 8 140		84		140		84	568
P 9 145		87		145		87	568
P10 150		90		150		90	569
P11 155		93		155		93	569
P12 160		96		160		96	569
P13 165		99		165		99	570
P14 170		102		170		102	5
P15 175		105		175		105	570
P16 180		108		180		108	571
P17 185		111		185		111	571
P18 190		114		190		114	571
P19 195		117		195		117	572
P20 200		120		200		120	573

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. _____

Recorder No. _____ Capacity _____ Location _____ Ft.

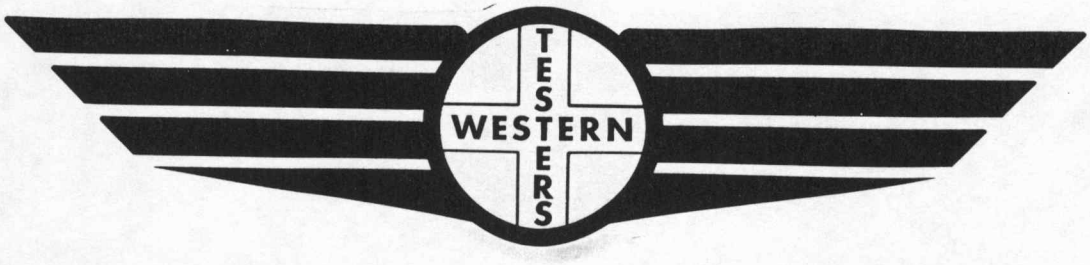
Clock No. _____ Elevation _____ Well Temperature _____ °F

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 1 205		123		205		123	574
P 2 210		126		210		126	574
P 3 215		129		215		129	574
P 4 220		132		220		132	575
P 5 225		135		225		135	575
P 6 230		138		230		138	576
P 7 235		141		235		141	578
P 8 240		144		240		144	578
P 9 245		147		245		147	579
P10 250		150		250		150	579
P11 255		153		255		153	
P12 260		156		260		156	
P13 265		159		265		159	
P14 270		162		270		162	
P15 275		165		275		165	579
P16 280		168		280		168	
P17 285		171		285		171	579
P18 290		174		290		174	
P19 295		177		295		177	
P20 300		180		300		180	

FORMATION TEST REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

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

COMPANY MCCOY PETROLEUM CORP. LEASE & WELL NO. #1-16 CAMPBELL A SEC. 16 TWP. 21S RGE. 35W TEST NO. 2 DATE 3/26/93

DST REPORT

GENERAL INFORMATION

DATE	: 3-26-93	TICKET	: 19006
CUSTOMER	: MCCOY PETROLEUM CORP.	LEASE	: CAMPBELL A
WELL	: #1-16 TEST: 2	GEOLOGIST	: J. HASTINGS
ELEVATION	: 3142 K.B.	FORMATION	: FT. SCOTT
SECTION	: 16	TOWNSHIP	: 21
RANGE	: 35W COUNTY: KEARNY	STATE	: KS
GAUGE SN#	: 1562 RANGE : 3900	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4553.00 ft TO: 4570.00 ft TVD: 4570.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4561.0 ft 4564.0 ft
TEMPERATURE: 114.0

DRILL COLLAR LENGTH:	311.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4214.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	17.0 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:	4548.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4553.0 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 DRLG.		
MUD TYPE	: CHEMICAL	VISCOSITY :	48.00 cp
WEIGHT	: 8.900 ppg	WATER LOSS:	11.200 cc
CHLORIDES	: 6500 ppm		
JARS-MAKE	: WTC	SERIAL NUMBER:	405
DID WELL FLOW?	: NO	REVERSED OUT?:	NO

COMMENTS

Comment

WEAK TO STRONG BLOW OFF BOTTOM OF BUCKET IN 4 MIN.
ON INITIAL FLOW PERIOD. WEAK TO STRONG BLOW OFF
BOTTOM OF BUCKET IN 5 MINUTES FINAL FLOW PERIOD.

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
0.0	0.0	0.0	0.0	0.0	2112' GAS ABOVE FLUID.
450.0	65.0	35.0	0.0	0.0	C. GSSY OIL 31 GRAVITY @
0.0	0.0	0.0	0.0	0.0	60 DEGREES F.
180.0	20.0	40.0	0.0	40.0	OIL & H. GAS C/MUD
90.0	10.0	0.0	0.0	90.0	OIL CUT MUD

RATE INFORMATION

OIL VOLUME:	4.0812 STB		
GAS VOLUME:	13.6585 SCF	TOTAL FLOW TIME:	120.0000 min.
MUD VOLUME:	0.7524 STB	AVERAGE OIL RATE:	58.0034 STB/D
WATER VOLUME:	0.0000 STB	AVERAGE WATER RATE:	0.0000 STB/D
TOTAL FLUID :	4.8336 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2221.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	100.00	150.00
INITIAL SHUT-IN	60.00		569.00
FINAL FLOW	90.00	200.00	310.00
FINAL SHUT-IN	120.00		579.00

FINAL HYDROSTATIC PRESSURE: 2211.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2217.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	96.00	142.00
INITIAL SHUT-IN	63.00		572.00
FINAL FLOW	90.00	206.00	305.00
FINAL SHUT-IN	171.00		579.00

FINAL HYDROSTATIC PRESSURE: 2180.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 3-26-93	TICKET	: 19006
CUSTOMER	: MCCOY PETROLEUM CORP.	LEASE	: CAMPBELL A
WELL	: #1-16 TEST: 2	GEOLOGIST	: J. HASTINGS
ELEVATION	: 3142 K.B.	FORMATION	: FT. SCOTT
SECTION	: 16	TOWNSHIP	: 21
RANGE	: 35W COUNTY: KEARNY	STATE	: KS
GAUGE SN#	: 1562 RANGE : 3900	CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	96.00	96.00
5.00	98.00	2.00
10.00	116.00	18.00
15.00	127.00	11.00
20.00	133.00	6.00
25.00	138.00	5.00
30.00	142.00	4.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	239.00	239.00	0.00
6.00	360.00	121.00	0.00
9.00	430.00	70.00	0.00
12.00	466.00	36.00	0.00
15.00	493.00	27.00	0.00
18.00	510.00	17.00	0.00
21.00	526.00	16.00	0.00
24.00	534.00	8.00	0.00
27.00	544.00	10.00	0.00
30.00	551.00	7.00	0.00
33.00	556.00	5.00	0.00
36.00	560.00	4.00	0.00
39.00	562.00	2.00	0.00
42.00	565.00	3.00	0.00
45.00	567.00	2.00	0.00
48.00	569.00	2.00	0.00
51.00	570.00	1.00	0.00
54.00	571.00	1.00	0.00
57.00	572.00	1.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
60.00	572.00	0.00	0.00
63.00	572.00	0.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	206.00	206.00
5.00	206.00	0.00
10.00	206.00	0.00
15.00	208.00	2.00
20.00	213.00	5.00
25.00	220.00	7.00
30.00	227.00	7.00
35.00	235.00	8.00
40.00	244.00	9.00
45.00	252.00	8.00
50.00	257.00	5.00
55.00	265.00	8.00
60.00	273.00	8.00
65.00	282.00	9.00
70.00	286.00	4.00
75.00	292.00	6.00
80.00	298.00	6.00
85.00	301.00	3.00
90.00	305.00	4.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	362.00	362.00	0.00
6.00	420.00	58.00	0.00
9.00	458.00	38.00	0.00
12.00	481.00	23.00	0.00
15.00	495.00	14.00	0.00
18.00	506.00	11.00	0.00
21.00	519.00	13.00	0.00
24.00	527.00	8.00	0.00
27.00	534.00	7.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
30.00	540.00	6.00	0.00
33.00	543.00	3.00	0.00
36.00	546.00	3.00	0.00
39.00	549.00	3.00	0.00
42.00	552.00	3.00	0.00
45.00	555.00	3.00	0.00
48.00	557.00	2.00	0.00
51.00	558.00	1.00	0.00
54.00	559.00	1.00	0.00
57.00	560.00	1.00	0.00
60.00	561.00	1.00	0.00
63.00	562.00	1.00	0.00
66.00	563.00	1.00	0.00
69.00	564.00	1.00	0.00
72.00	565.00	1.00	0.00
75.00	566.00	1.00	0.00
78.00	567.00	1.00	0.00
81.00	567.00	0.00	0.00
84.00	568.00	1.00	0.00
87.00	568.00	0.00	0.00
90.00	569.00	1.00	0.00
93.00	569.00	0.00	0.00
96.00	569.00	0.00	0.00
99.00	570.00	1.00	0.00
102.00	570.00	0.00	0.00
105.00	570.00	0.00	0.00
108.00	571.00	1.00	0.00
111.00	571.00	0.00	0.00
114.00	572.00	1.00	0.00
117.00	572.00	0.00	0.00
120.00	573.00	1.00	0.00
123.00	573.00	0.00	0.00
126.00	574.00	1.00	0.00
129.00	574.00	0.00	0.00
132.00	575.00	1.00	0.00
135.00	575.00	0.00	0.00
138.00	576.00	1.00	0.00
141.00	577.00	1.00	0.00
144.00	578.00	1.00	0.00
147.00	579.00	1.00	0.00
150.00	579.00	0.00	0.00
153.00	579.00	0.00	0.00
156.00	579.00	0.00	0.00
159.00	579.00	0.00	0.00
162.00	579.00	0.00	0.00
165.00	579.00	0.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
168.00	579.00	0.00	0.00
171.00	579.00	0.00	0.00

DKT 17006

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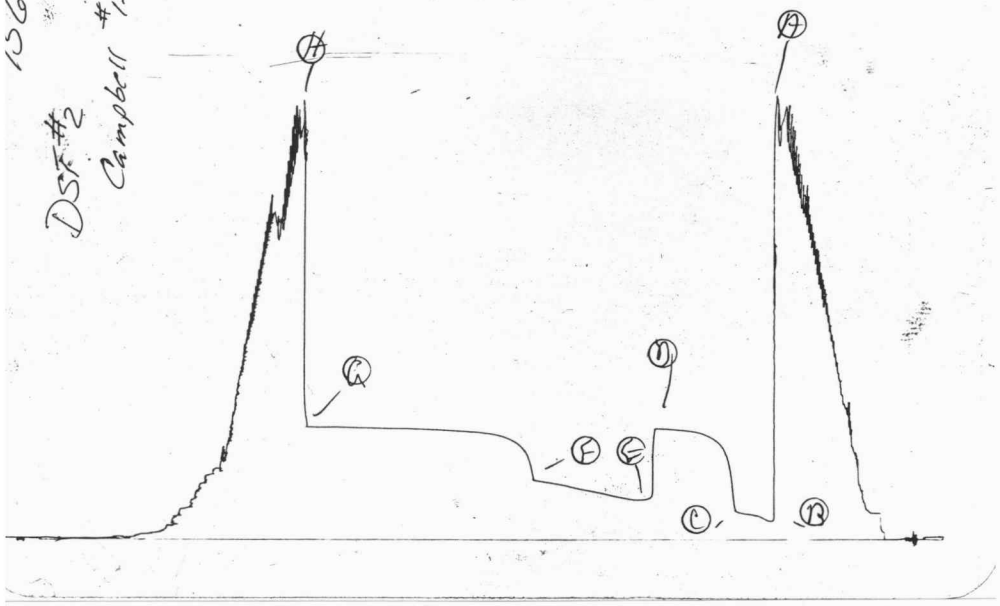

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DST #2 Campbell #1-16

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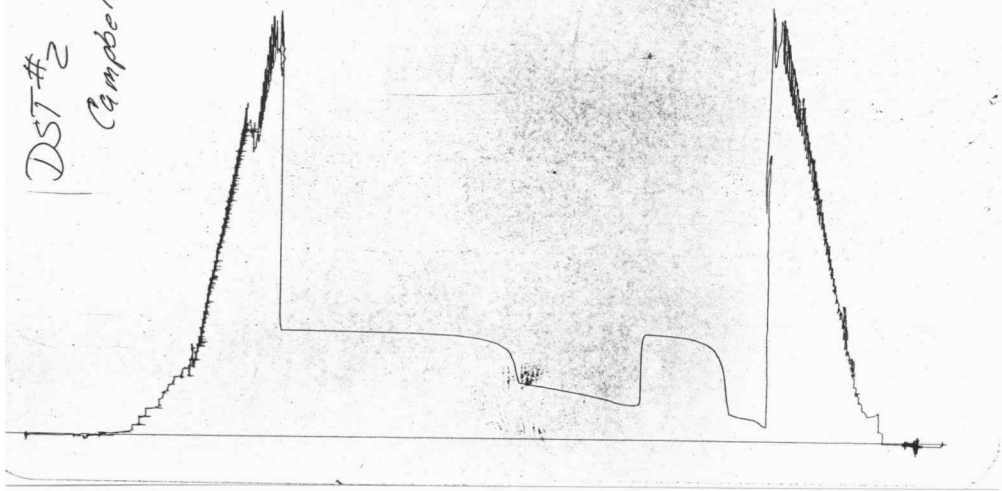

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