



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 5024

OK

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

Elevation 1389 KB Formation Fort Scott Eff. Pay Ft.

District Pratt Date 10-2-84 Customer Order No. _____

COMPANY NAME McLoy Peterhuem Company Corp.
ADDRESS 500 Heritage Park Place, Wichita, Ks 67202

LEASE AND WELL NO. NORMAN A #1 COUNTY Harper STATE Ks Sec. 25 Twp. 33S Rge. BW

Mail Invoice To same #1 "A" NORMAN No. Copies Requested Req

Mail Charts To same No. Copies Requested Req

Formation Test No. 1 Interval Tested From 4425 ft. to 4445 ft. Total Depth 4445 ft.

Packer Depth 4420 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.
Packer Depth 4425 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4428 ft. Recorder Number 6074 Cap. 5100

Bottom Recorder Depth (Outside) 4431 ft. Recorder Number 6246 Cap. 5200

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

Drilling Contractor Sweetman Dring. Rig #1 Drill Collar Length 290 I. D. 2.25 in.

Mud Type _____ Viscosity _____ Weight Pipe Length — I. D. — in.

Weight _____ Water Loss _____ cc. Drill Pipe Length 4115 I. D. 3.8 in.

Chlorides _____ P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make _____ Serial Number _____ Anchor Length 20 ft. Size 5 1/2 in.

Did Well Flow? _____ Reversed Out _____ Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2 in.

Blow: _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Chlorides _____ P.P.M. Sample Jars used _____ Remarks: Couldn't get through bridge, 13 stands off bottom.

Time On Location 4:00 Time Pick Up Tool 1:30 Time Off Location 5:00

Time Set Packer(s) _____ Time Started Off Bottom _____ Maximum Temperature _____

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

Initial Flow Period _____ Minutes _____ (B) NO P.S.I. to (C) _____ P.S.I.

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

Final Flow Period _____ Minutes _____ (E) Pressure P.S.I. to (F) _____ P.S.I.

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

Final Hydrostatic Pressure _____ (H) _____ 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.

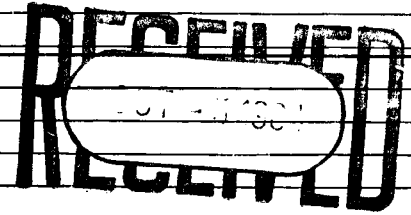
All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Ken McLoy
Signature of Customer or his authorized representative

Western Representative Mike Witt Thank You!

FIELD INVOICE

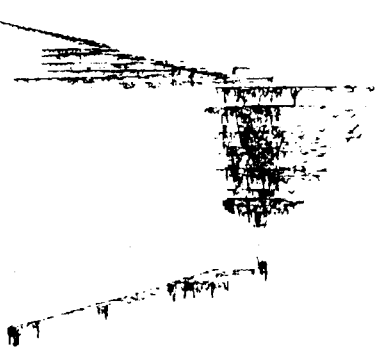
Open Hole Test	\$ <u>400</u>
Misrun	\$ <u>400</u>
Straddle Test	\$ _____
Jars	\$ _____
Selective Zone	\$ _____
Safety Joint	\$ _____
Standby	\$ _____
Evaluation	\$ _____
Extra Packer	\$ _____
Circ. Sub.	\$ _____
Mileage	\$ _____
Fluid Sampler	\$ _____
Extra Charts	\$ _____
Insurance	\$ _____
Telecopier	\$ _____
TOTAL	\$ <u>400</u>



FC# SO24

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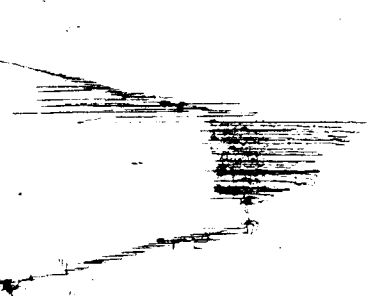
DST#



FC# SO24

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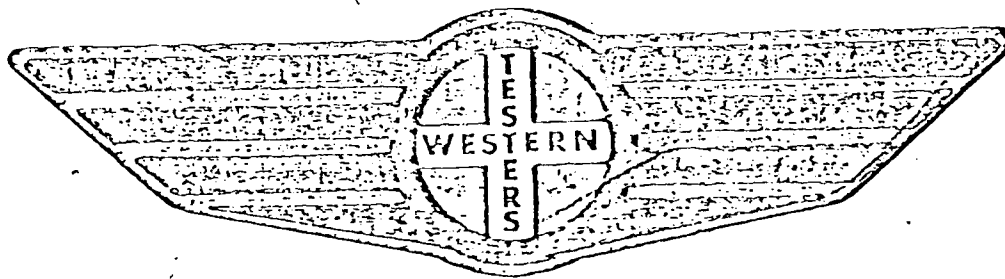
6246
DST#1



FORMATION

TEST

REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/2/84
CUSTOMER: MCCOY PETROLEUM CORPORATION
WELL: 1 TEST: 1
ELEVATION (KB): 1389 FORMATION: FORT SCOTT
SECTION: 25 TOWNSHIP: 33S
RANGE: 8W COUNTY: HARPER STATE: KANSAS
GAUGE SN #6074 RANGE: 5100 CLOCK: 12

TICKET #5024

LEASE: "A" NORMAN

GEOLOGIST: MCCOY

FORMATION: FORT SCOTT

TOWNSHIP: 33S

STATE: KANSAS

CLOCK: 12

INTERVAL TEST FROM: 4425 FT TO: 4445 FT TOTAL DEPTH: 4445 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4420 FT SIZE: 6 5/8 IN PACKER DEPTH: 4425 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SWEETMAN DRLG

MUD TYPE: VISCOSITY:

WEIGHT: WATER LOSS (CC):

CHLORIDES (P.P.M.):

JARS - MAKE: SERIAL NUMBER:

DID WELL FLOW? REVERSED OUT?

DRILL COLLAR LENGTH: 290 FT I.D.: 2.25 IN

WEIGHT PIPE LENGTH: FT I.D.: IN

DRILL PIPE LENGTH: 4115 FT I.D.: 3.8 IN

TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 IN

ANCHOR LENGTH: 20 FT SIZE: 5 1/2 IN

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 FH IN

BLOW:

RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: MISRUN. COULD NOT GET THROUGH
BRIDGE. 13 STANDS OFF BOTTOM.
NO PRESSURES AVAILABLE.

TIME SET PACKER(S):

TIME STARTED OFF BOTTOM:

WELL TEMPERATURE: 0 °F

INITIAL HYDROSTATIC PRESSURE:

(A) PSI

INITIAL FLOW PERIOD MIN: 0

(B) 0 PSI TO (C) 0 PSI

INITIAL CLOSED IN PERIOD MIN: 0

(D) 0 PSI

FINAL FLOW PERIOD MIN: 0

(E) 0 PSI TO (F) 0 PSI

FINAL CLOSED IN PERIOD MIN: 0

(G) 0 PSI

FINAL HYDROSTATIC PRESSURE

(H) PSI



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET NO. 5025

OK

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

Elevation 1389 K.B Formation Miss Eff. Pay Ft.

District Pratt Date 10-4-84 Customer Order No.

COMPANY NAME McCoy Petroleum Company

ADDRESS 500 Heritage Park Place Wichita Ks 67202

LEASE AND WELL NO. Norman A #1 COUNTY Harper STATE Ks Sec. 25 Twp. 33S Rge. 8W

Mail Invoice To Same #1 "A" NORMAN Co. Name Address No. Copies Requested req

Mail Charts To Same Address No. Copies Requested req

Formation Test No. 2 Interval Tested From 4602 ft. to 4635 ft. Total Depth 4635 ft.

Packer Depth 4602 ft. Size 6 5/8 in. Packer Depth ft. Size in.

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

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4608 ft. Recorder Number 6074 Cap. 5100

Bottom Recorder Depth (Outside) 4611 ft. Recorder Number 6246 Cap. 5200

Below Saddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Sweetman Drilling Co. Pig #1 Drill Collar Length I. D. in.

Mud Type Starch Viscosity 54 Weight Pipe Length I. D. in.

Weight 9.8 Water Loss 1/4 cc. Drill Pipe Length 4579 I. D. 3-8 in.

Chlorides NK P.P.M. Test Tool Length 23 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 421 Anchor Length 33 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 3 1/2 IF 4 1/2 FH in.

Blow: Strong steady blow through limited flow. Strong blow gas to surface 3-min. (See Flow chart.)

Recovered 120 ft. of Very slightly oil cut gassy mud. (80% mud 7% oil, 18% gas). 60'

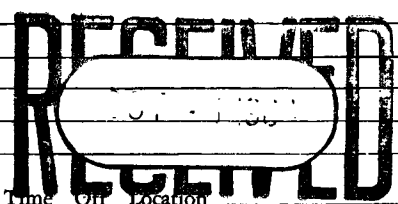
Recovered 60 ft. of (82% mud 3% oil, 15% gas) 60'

Recovered ft. of

Recovered ft. of

Recovered ft. of

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



Time On Location 2:00 A.M. P.M. Time Pick Up Tool 3:00 A.M. P.M. Time Off Location A.M. P.M.

Time Set Packer(s) 5:00 A.M. P.M. Time Started Off Bottom 8:15 A.M. P.M. Maximum Temperature 136°

Initial Hydrostatic Pressure (A) 2580 P.S.I.

Initial Flow Period Minutes 30 (B) 38 P.S.I. to (C) 38 P.S.I.

Initial Closed In Period Minutes 45 (D) 1660 P.S.I.

Final Flow Period Minutes 60 (E) 63 P.S.I. to (F) 63 P.S.I.

Final Closed In Period Minutes 60 (G) 1737 P.S.I.

Final Hydrostatic Pressure (H) 2465 P.S.I.

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 [Signature] Signature of Customer or his authorized representative

Western Representative [Signature] Thank You!

FIELD INVOICE

Table with 2 columns: Item, Amount. Includes Open Hole Test (\$595.00), Misrun, Straddle Test, Jars (\$300.00), Selective Zone, Safety Joint (NC), Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, Insurance (\$50.00), Telecopier, TOTAL.

WESTERN TESTING CO., INC.

Pressure Data

Date 10-4-84

Test Ticket No. 5025

Recorder No. 6074

Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____

Well Temperature _____ °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2578</u> P.S.I.	_____	_____	_____
B First Initial Flow Pressure	<u>41</u> P.S.I.	First Flow Pressure	_____ Mins.	_____ Mins.
C First Final Flow Pressure	<u>41</u> P.S.I.	Initial Closed-in Pressure	_____ Mins.	_____ Mins.
D Initial Closed-in Pressure	<u>1665</u> P.S.I.	Second Flow Pressure	_____ Mins.	_____ Mins.
E Second Initial Flow Pressure	<u>72</u> P.S.I.	Final Closed-in Pressure	_____ Mins.	_____ Mins.
F Second Final Flow Pressure	<u>75</u> P.S.I.			
G Final Closed-in Pressure	<u>1734</u> P.S.I.			
H Final Hydrostatic Mud	<u>2491</u> P.S.I.			

PRESSURE BREAKDOWN

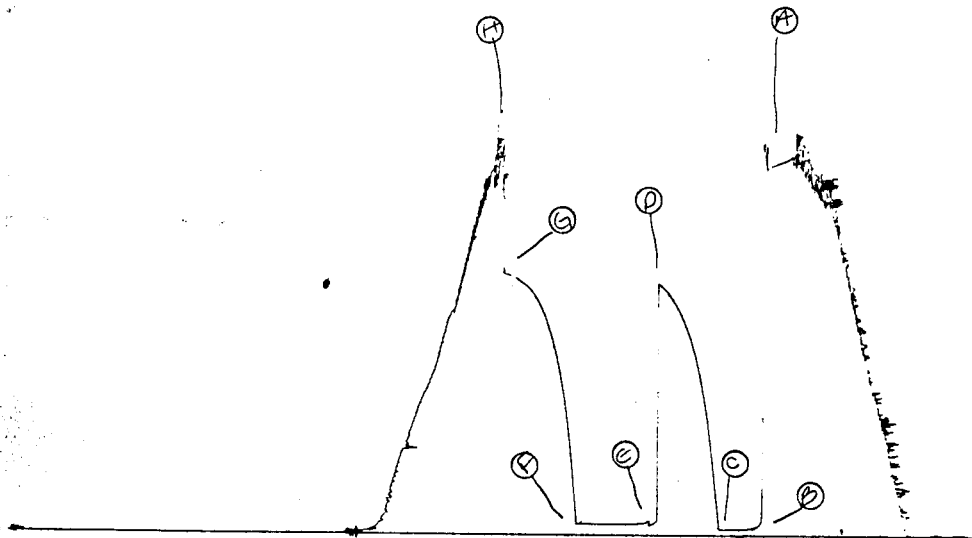
First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>7</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>13</u> Inc.		Breakdown: <u>20</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</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 <u>0</u>	<u>41</u>	<u>0</u>	<u>41</u>	<u>0</u>	<u>72</u>	<u>0</u>	<u>75</u>
P 2 <u>5</u>		<u>3</u>	<u>149</u>	<u>5</u>		<u>3</u>	<u>417</u>
P 3 <u>10</u>		<u>6</u>	<u>373</u>	<u>10</u>		<u>6</u>	<u>650</u>
P 4 <u>15</u>		<u>9</u>	<u>582</u>	<u>15</u>		<u>9</u>	<u>832</u>
P 5 <u>20</u>		<u>12</u>	<u>752</u>	<u>20</u>		<u>12</u>	<u>991</u>
P 6 <u>25</u>		<u>15</u>	<u>908</u>	<u>25</u>		<u>15</u>	<u>1121</u>
P 7 <u>30</u>	<u>41</u>	<u>18</u>	<u>1046</u>	<u>30</u>		<u>18</u>	<u>1235</u>
P 8 <u>35</u>		<u>21</u>	<u>1162</u>	<u>35</u>		<u>21</u>	<u>1337</u>
P 9 <u>40</u>		<u>24</u>	<u>1253</u>	<u>40</u>	<u>72</u>	<u>24</u>	<u>1418</u>
P10 <u>45</u>		<u>27</u>	<u>1334</u>	<u>45</u>	<u>73</u>	<u>27</u>	<u>1488</u>
P11 <u>50</u>		<u>30</u>	<u>1402</u>	<u>50</u>	<u>73</u>	<u>30</u>	<u>1548</u>
P12 <u>55</u>		<u>33</u>	<u>1469</u>	<u>55</u>	<u>74</u>	<u>33</u>	<u>1590</u>
P13 <u>60</u>		<u>36</u>	<u>1521</u>	<u>60</u>	<u>75</u>	<u>36</u>	<u>1625</u>
P14 _____		<u>39</u>	<u>1567</u>	<u>65</u>		<u>39</u>	<u>1654</u>
P15 _____		<u>42</u>	<u>1605</u>	<u>70</u>		<u>42</u>	<u>1674</u>
P16 _____		<u>45</u>	<u>1634</u>	<u>75</u>		<u>45</u>	<u>1691</u>
P17 _____		<u>48</u>	<u>1665</u>	<u>80</u>		<u>48</u>	<u>1708</u>
P18 _____		<u>51</u>		<u>85</u>		<u>51</u>	<u>1720</u>
P19 _____		<u>54</u>		<u>90</u>		<u>54</u>	<u>1730</u>
P20 _____		<u>57</u>				<u>57</u>	<u>1734</u>
		<u>60</u>				<u>60</u>	

TKC[#] 5025

#5025

LOT#
DST #2

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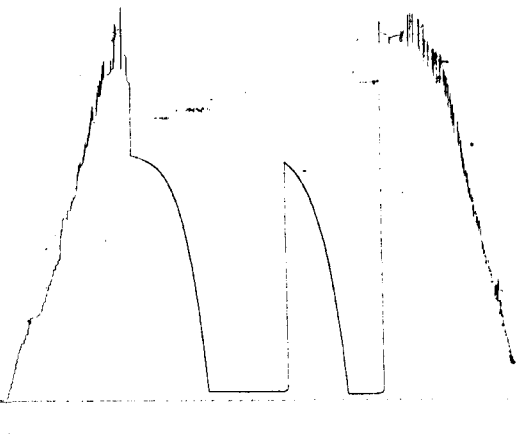


ICP# 5025

#5025

6246
DST-42

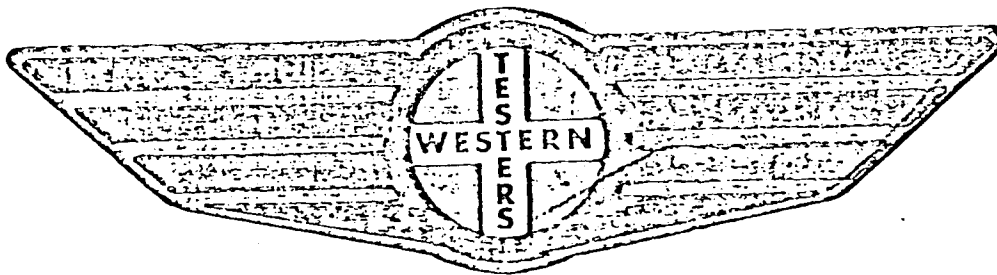
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

JERRY MCCOY PETROLEUM CORPORATION Lease and Well No. #1 "A" NORMAN
Sec. 25 Twp. 33S Rge. 8W Test No. 2 DATE 10/7/57

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/4/84
CUSTOMER: MCCOY PETROLEUM CORPORATION
WELL: 1 TEST: 2
ELEVATION (KB): 1389 FORMATION: MISSISSIPPI
SECTION: 25 TOWNSHIP: 33S
RANGE: 8W COUNTY: HARPER STATE: KANSAS
GAUGE SN #6074 RANGE: 5100 CLOCK: 12

TICKET #5025
LEASE: "A" NORMAN
GEOLOGIST: MCCOY

INTERVAL TEST FROM: 4602 FT TO: 4635 FT TOTAL DEPTH: 4635 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4602 FT SIZE: 6 5/8 IN Packer DEPTH: FT SIZE: IN
PACKER DEPTH: FT SIZE: IN Packer DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SWEETMAN DRLLG
MUD TYPE: STARCH VISCOSITY: 54
WEIGHT: 9.8 WATER LOSS (CC):
CHLORIDES (P.P.M.):
JARS - MAKE: WTC SERIAL NUMBER: 421
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4579 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 23 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 33 FT SIZE: 5 1/2 IN
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 FH IN

BLOW: INITIAL FLOW PERIOD STRONG STEADY
BLOW. FINAL FLOW PERIOD STRONG
BLOW. GAS TO SURFACE IN 3 MINUTES.
SEE ATTACHED SHEET FOR GAS MEASUREMENTS.

RECOVERED: 60 FT OF: VERY SLIGHTLY OIL CUT GASSY MUD.
RECOVERED: FT OF: 80% MUD; 2% OIL; 18% GAS.
RECOVERED: 60 FT OF: VERY SLIGHTLY OIL CUT GASSY MUD.
RECOVERED: FT OF: 82% MUD; 3% OIL; 15% GAS.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 5:00 AM TIME STARTED OFF BOTTOM: 8:15 AM
WELL TEMPERATURE: 136 'F
INITIAL HYDROSTATIC PRESSURE: (A) 2578 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 41 PSI TO (C) 41 PSI
INITIAL CLOSED IN PERIOD MIN: 48 (D) 1665 PSI
FINAL FLOW PERIOD MIN: 60 (E) 72 PSI TO (F) 75 PSI
FINAL CLOSED IN PERIOD MIN: 57 (G) 1734 PSI
FINAL HYDROSTATIC PRESSURE (H) 2491 PSI

WESTERN TESTING CO. INC.
GAS FLOW REPORT

DATE: 10/4/84
CUSTOMER: MCCOY PETROLEUM CORPORATION
WELL: 1
ELEVATION (KB): 1389
SECTION: 25
RANGE: 8W
GAUGE SN #6074

TEST: 2
FORMATION: MISSISSIPPI
TOWNSHIP: 33S
COUNTY: HARPER
RANGE: 5100

TICKET #5025
LEASE: "A" NORMAN
GEOLOGIST: MCCOY
STATE: KANSAS
CLOCK: 12

TIME GAUGE (MIN)	TESTER TYPE	ORIFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
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PRE FLOW

SECOND FLOW

10	MERLA	1/4	26" WTR	8560 CFPD
20		1/2	8	17200
30			4.5	13300
40			4.5	13300
50			4.5	13300
60			4.5	13300

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED:



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 7351

P. O. BOX 1599 WICHITA, KANSAS 67201

Elevation 1389 K.B. Formation M.S.S. Eff. Pay ft.

District PRAT Date 10-4-84 Customer Order No.

COMPANY NAME McCoy Petroleum Corporation

ADDRESS 500 Heritage Park Place, Wichita Ks 67202

LEASE AND WELL NO. NORMAN A #1 COUNTY HARPER STATE KS Sec. 25 Twp. 33S Rge. 8W

Mail Invoice To same No. Copies Requested 2

Mail Charts To same #1 "A" NORMAN No. Copies Requested 2

Formation Test No. 3 Interval Tested From 4635 ft. to 4655 ft. Total Depth 4655 ft.

Packer Depth 4635 ft. Size 6 5/8 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4639 ft. Recorder Number 6074 Cap. 5100

Bottom Recorder Depth (Outside) 4642 ft. Recorder Number 6246 Cap. 5200

Below Straddle Recorder Depth Recorder Number Cap.

Drilling Contractor Sweetman Drill Rig #1 Drill Collar Length I. D. in.

Mud Type Starch Viscosity 57 Weight Pipe Length I. D. in.

Weight 9.8 Water Loss 9.0 cc. Drill Pipe Length 4612 I. D. 3.8 in.

Chlorides N/C. P.P.M. Test Tool Length 23 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 421 Anchor Length 20 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 3 1/2 x 4 1/2 in.

Blow: Strong steady blow on initial flow. Strong blow on final flow

Recovered 150 ft. of Drilling mud very slightly gas cut

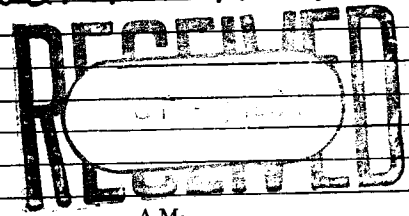
Recovered 60 ft. of slightly oil cut gassy mud. (95% mud 2% oil 3% gas)

Recovered ft. of

Recovered ft. of

Recovered ft. of

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



Time On Location A.M. P.M. Time Pick Up Tool 7:30 P.M. Time Off Location A.M. P.M.

Time Set Packer(s) 9:20 P.M. Time Started Off Bottom 12:35 P.M. Maximum Temperature 138°

Initial Hydrostatic Pressure (A) 2644 P.S.I. Minutes 30 (B) 38 P.S.I. to (C) 76 P.S.I.

Initial Flow Period (D) 652 P.S.I. Minutes 45 (E) 127 P.S.I. to (F) 127 P.S.I.

Final Flow Period (G) 1163 P.S.I. Minutes 60 (H) 2503 P.S.I.

Final Closed In Period Final Hydrostatic Pressure

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 [Signature] Signature of Customer or his authorized representative

Western Representative [Signature] Thank You!

FIELD INVOICE

Table with 2 columns: Item, Amount. Includes Open Hole Test (\$595), Straddle Test, Jars (\$1300), 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 10-4-84

Test Ticket No. 7351

Recorder No. 6074 Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2573</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
B First Initial Flow Pressure	<u>48</u> P.S.I.	<u>45</u> Mins.	<u>48</u> Mins.
C First Final Flow Pressure	<u>108</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>672</u> P.S.I.	<u>60</u> Mins.	<u>66</u> Mins.
E Second Initial Flow Pressure	<u>125</u> P.S.I.		
F Second Final Flow Pressure	<u>133</u> P.S.I.		
G Final Closed-in Pressure	<u>1181</u> P.S.I.		
H Final Hydrostatic Mud	<u>2503</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 7 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 17 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 13 Inc.
of 5 mins. and a
final inc. of 0 Min.

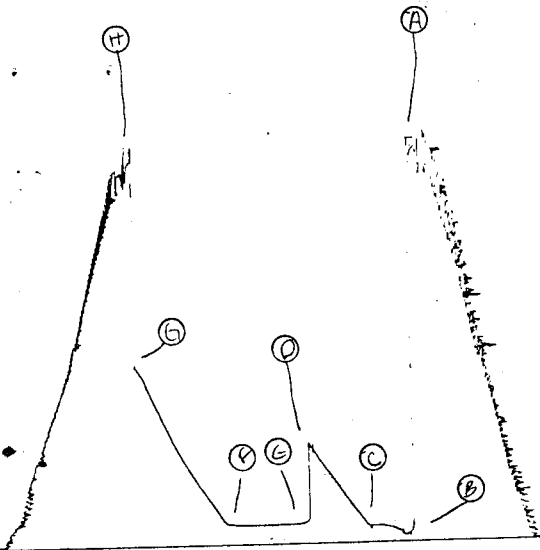
Final Shut-In
Breakdown: 23 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	48	0	108	0	125	0	133
P 2 5	48	3	112	5		3	159
P 3 10	76	6	142	10		6	201
P 4 15	97	9	181	15		9	240
P 5 20	106	12	220	20		12	279
P 6 25	107	15	258	25		15	317
P 7 30	108	18	297	30	125	18	360
P 8 35		21	327	35		21	395
P 9 40		24	371	40		24	435
P 10 45		27	408	45	125	27	475
P 11 50		30	447	50	127	30	527
P 12 55		33	485	55	130	33	569
P 13 60		36	519	60	133	36	615
P 14		39	555	65		39	661
P 15		42	596	70		42	714
P 16		45	633	75		45	774
P 17		48	672	80		48	831
P 18		51		85		51	890
P 19		54		90		54	949
P 20		57				57	1009
		60				60	1066
						63	1128
						66	1181

YCP# 7351

6074
DST#3

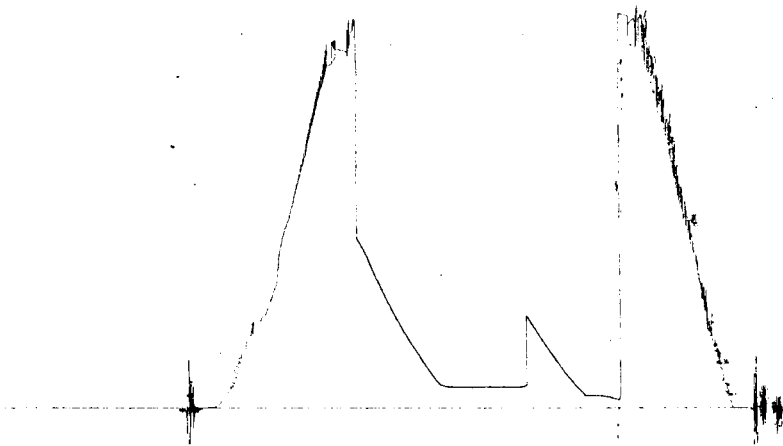
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YCC# 7351

65246
DST 113

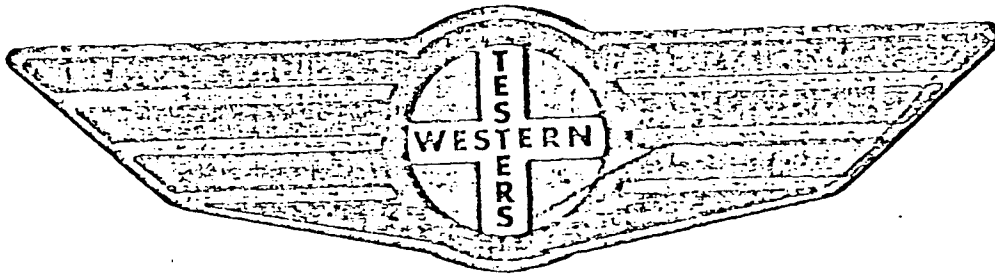
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

ANY
MCCOY PETROLEUM CORPORATION Lease and Well No. #1 "A" NORMAN
Sec. 70 Twp. 33S Rge. 04W
1958

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/4/84
CUSTOMER: MCCOY PETROLEUM CORPORATION
WELL: #1 TEST: 3
ELEVATION (KB): 1389 FORMATION: MISS
SECTION: 25 TOWNSHIP: 33S
RANGE: 8W COUNTY: HARPER STATE: KANSAS
GAUGE SN #6074 RANGE: 5100 CLOCK: 12

TICKET #7351

LEASE: NORMAN "A"

GEOLOGIST: MCCOY

INTERVAL TEST FROM: 4635 FT TO: 4655 FT TOTAL DEPTH: 4655 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4635 FT SIZE: 6 5/8 IN PACKER DEPTH: 3630 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SWEETMAN

MUD TYPE: STARCH VISCOSITY: 57
WEIGHT: 9.8 WATER LOSS (CC): 9.0

CHLORIDES (P.P.M.): N/C

JARS - MAKE: W.T.C. SERIAL NUMBER: 421

DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH: FT I.D.: IN

WEIGHT PIPE LENGTH: FT I.D.: IN

DRILL PIPE LENGTH: 4612 FT I.D.: 3.8 IN

TEST TOOL LENGTH: 23 FT TOOL SIZE: 5 1/2 O.D. IN

ANCHOR LENGTH: 20 FT SIZE: 5 1/2 O.D. IN

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 FH IN

BLOW: BOTH INITIAL & FINAL FLOW PERIOD
HAD STRONG STEADY BLOWS THROUGHOUT.

RECOVERED: 150 FT OF: DRILLING MUD VERY SLIGHTLY GAS CUT.
RECOVERED: 60 FT OF: SLIGHTLY OIL CUT GASSY MUD.
RECOVERED: FT OF: 95% MUD; 2% OIL; 3% GAS.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 9:20 P.M. TIME STARTED OFF BOTTOM: 12:35 A.M.
WELL TEMPERATURE: 138 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2573 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 48 PSI TO (C) 108 PSI
INITIAL CLOSED IN PERIOD MIN: 48 (D) 672 PSI
FINAL FLOW PERIOD MIN: 60 (E) 125 PSI TO (F) 133 PSI
FINAL CLOSED IN PERIOD MIN: 66 (G) 1181 PSI
FINAL HYDROSTATIC PRESSURE (H) 2503 PSI



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No. 97352

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

Elevation 1389 K.B. Formation Miss Eff. Pay _____ Ft.

District Pratt Date 10-5-84 Customer Order No. _____

COMPANY NAME Mrs. McCoy Petroleum Corporation

ADDRESS 500 Heritage Park Place, Wichita Ks 67202

LEASE AND WELL NO. Norman #1 COUNTY Harper STATE Ks Sec. 25 Twp. 33S Rge. 8W

Mail Invoice To same No. Copies Requested req

Co. Name #1 "A" NORMAN Address _____ No. Copies Requested req

Mail Charts To same Address _____

Formation Test No. 4 Interval Tested From 4655 ft. to 4690 ft. Total Depth 4690 ft.

Packer Depth 4655 ft. Size 65/8 in. Packer Depth _____ ft. Size _____ in.

Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4659 ft. Recorder Number 6044 Cap. 5100

Bottom Recorder Depth (Outside) 4662 ft. Recorder Number 6246 Cap. 5200

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

Drilling Contractor Sweetman Drllg Rig #1 Drill Collar Length _____ I. D. _____ in.

Mud Type Starch Viscosity 50 Weight Pipe Length _____ I. D. _____ in.

Weight 9.7 Water Loss 5.4 cc. Drill Pipe Length 4632 I. D. 3.8 in.

Chlorides N/C P.P.M. Test Tool Length 23 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 421 Anchor Length 35 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 3 1/2 IF 4 1/2 FN in.

Blow: _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Chlorides _____ P.P.M. Sample Jars used _____ Remarks: Couldnt get packer seat

Time On Location _____ A.M. Time Pick Up Tool 12:30 ~~P.M.~~ Time Off Location _____ A.M. P.M.

Time Set Packer(s) 1:55 P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____

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

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

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

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

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

Final Hydrostatic Pressure _____ (H) _____ 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 Mike Witt - Thank You!
2075

FIELD INVOICE

Open Hole Test \$ 400
Misrun \$ 300
Straddle Test \$ _____
Jars \$ _____
Selective Zone \$ _____
Safety Joint \$ _____
Standby \$ _____
Evaluation \$ _____
Extra Packer \$ _____
Circ. Sub. \$ _____
Mileage \$ _____
Fluid Sampler \$ _____
Extra Charts \$ _____
Insurance \$ _____
Telecopier \$ _____
TOTAL \$ ✓

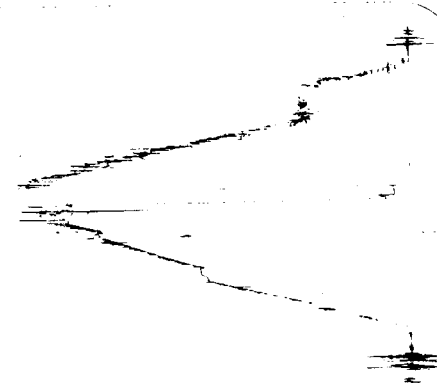
7352
6074
DST#1

ACK# 7352
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7352
6246
DST#4

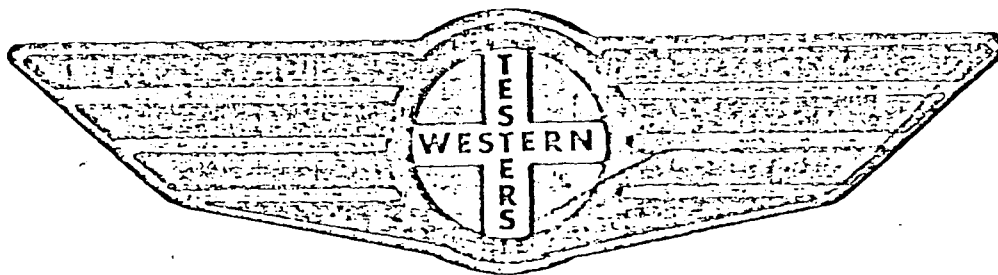
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/5/84	TICKET #7352
CUSTOMER: MCCOY PETROLEUM CORPORATION	LEASE: NORMAN "A"
WELL: #1	TEST: 4
ELEVATION (KB): 1389	GEOLOGIST: MCCOY
SECTION: 25	FORMATION: MISS
RANGE: 8W	TOWNSHIP: 33S
GAUGE SN #6074	COUNTY: HARPER
	STATE: KANSAS
	RANGE: 5100
	CLOCK: 12

INTERVAL TEST FROM: 4655	FT	TO: 4690	FT	TOTAL DEPTH: 4690	FT
DEPTH OF SELECTIVE ZONE:			FT		
PACKER DEPTH: 4655	FT	SIZE: 6 5/8	IN	PACKER DEPTH: 4650	FT
PACKER DEPTH:	FT	SIZE:	IN	PACKER DEPTH:	FT
				SIZE:	IN

DRILLING CONTRACTOR: SWEETMAN	
MUD TYPE: STARCH	VISCOSITY: 50
WEIGHT: 9.7	WATER LOSS (CC): 5.4
CHLORIDES (P.P.M.): N/C	
JARS - MAKE: W.T.C.	SERIAL NUMBER: 421
DID WELL FLOW? NO	REVERSED OUT? NO
DRILL COLLAR LENGTH:	FT I.D.: IN
WEIGHT PIPE LENGTH:	FT I.D.: IN
DRILL PIPE LENGTH: 4652	FT I.D.: 3.8 IN
TEST TOOL LENGTH: 23	FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 35	FT SIZE: 5 1/2 O.D. IN
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 FH IN

BLOW:

RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS: COULD NOT GET PACKER SEAT

TIME SET PACKER(S): 1:55 P.M.	TIME STARTED OFF BOTTOM:
WELL TEMPERATURE: 0 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 2521 PSI
INITIAL FLOW PERIOD MIN: 0	(B) 0 PSI TO (C) 0 PSI
INITIAL CLOSED IN PERIOD MIN: 0	(D) 0 PSI
FINAL FLOW PERIOD MIN: 0	(E) 0 PSI TO (F) 0 PSI
FINAL CLOSED IN PERIOD MIN: 0	(G) 0 PSI
FINAL HYDROSTATIC PRESSURE	(H) 2486 PSI



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No. 7353

P. O. BOX 1599 WICHITA, KANSAS 67201

Elevation 1389 K.B. Formation Miss Eff. Pay Ft.

District PRATT Date 10-5-84 Customer Order No.

COMPANY NAME McCoy Petroleum Corporation

ADDRESS 500 Heritage Park Place Wichita, Ks 67202

LEASE AND WELL NO. Norman A #1 COUNTY Harper STATE Ks Sec. 25 Twp. 33s Rge. 8w

Mail Invoice To same Co. Name #1 "A" NORMAN Address No. Copies Requested req

Mail Charts To same #1 "A" NORMAN Address No. Copies Requested req

Formation Test No. 5 Interval Tested From 4634 ft. to 4690 ft. Total Depth 4690 ft.

Packer Depth 4629 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4634 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4638 ft. Recorder Number 6074 Cap. 5100

Bottom Recorder Depth (Outside) 4641 ft. Recorder Number 6246 Cap. 5200

Below Scaddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Sweetman Drlg Rig #1 Drill Collar Length - I. D. - in.

Mud Type Starch Viscosity 50 Weight Pipe Length - I. D. - in.

Weight 9.7 Water Loss 5.4 cc. Drill Pipe Length 4606 I. D. 3.8 in.

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

Jars: Make WTC Serial Number 421 Anchor Length 56 ft. Size 5 1/2 in.

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

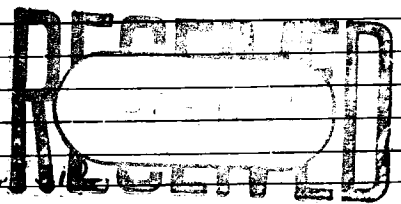
Main Hole Size 7 1/8 in. Tool Joint Size 3 1/2 IF 4 1/2 FH in.

Blow: Weak blow slowly building on initial flow. Weak, steady blow through final flow

Recovered 40 ft. of Very slightly gas cut mud.

Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of

Chlorides P.P.M. Sample Jars used Remarks: 1 Collar in Anchor



Time On Location - A.M. P.M. Time Pick Up Tool 4:30 P.M. Time Off Location 11:20 P.M.

Time Set Packer(s) 6:00 P.M. Time Started Off Bottom 9:15 P.M. Maximum Temperature 140

Initial Hydrostatic Pressure (A) 2657 P.S.I.

Initial Flow Period (B) 30 Minutes (C) 38 P.S.I.

Initial Closed In Period (D) 45 Minutes (E) 127 P.S.I.

Final Flow Period (F) 60 Minutes (G) 38 P.S.I.

Final Closed In Period (H) 60 Minutes (H) 127 P.S.I.

Final Hydrostatic Pressure (H) 2503 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 Ken The Coy Signature of Customer or his authorized representative

Western Representative Mike Litt - Thank You! 2075

FIELD INVOICE

Table with 2 columns: Item Name and Amount. Items include Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, Insurance, Telecopier, and TOTAL.

WESTERN TESTING CO., INC.

Pressure Data

Date 10-5-84

Test Ticket No. 7353

Recorder No. 6074 Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2536</u> P.S.I.			
B First Initial Flow Pressure	<u>48</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>50</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>123</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>55</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>58</u> P.S.I.			
G Final Closed-in Pressure	<u>128</u> P.S.I.			
H Final Hydrostatic Mud	<u>2529</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 7 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 16 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 13 Inc.
of 5 mins. and a
final inc. of 0 Min.

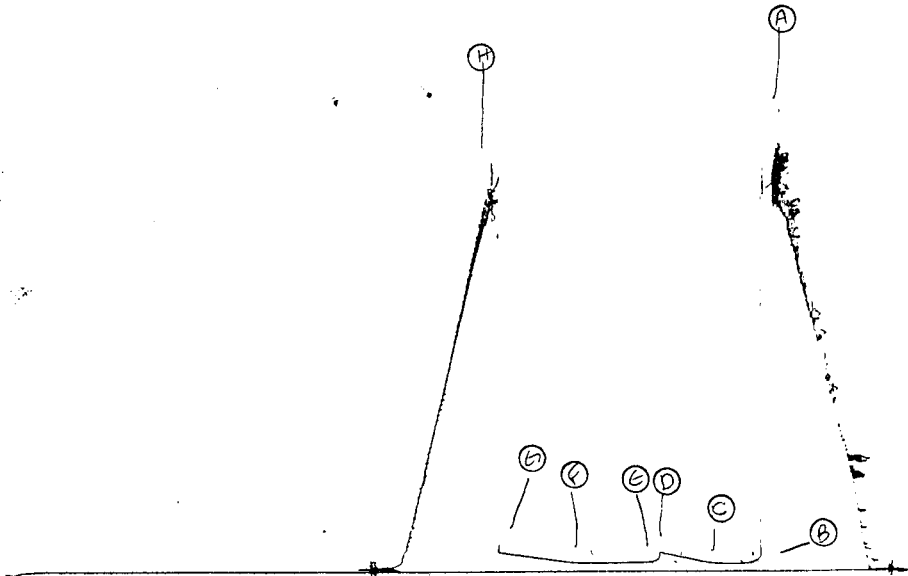
Final Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>48</u>	0	<u>50</u>	0	<u>55</u>	0	<u>58</u>
P 2 5	<u>48</u>	3	<u>51</u>	5	<u>56</u>	3	<u>61</u>
P 3 10	<u>48</u>	6	<u>54</u>	10	<u>56</u>	6	<u>64</u>
P 4 15	<u>49</u>	9	<u>58</u>	15	<u>56</u>	9	<u>67</u>
P 5 20	<u>49</u>	12	<u>63</u>	20	<u>57</u>	12	<u>70</u>
P 6 25	<u>50</u>	15	<u>68</u>	25	<u>57</u>	15	<u>74</u>
P 7 30	<u>50</u>	18	<u>74</u>	30	<u>58</u>	18	<u>78</u>
P 8 35		21	<u>80</u>	35	<u>58</u>	21	<u>82</u>
P 9 40		24	<u>86</u>	40	<u>58</u>	24	<u>86</u>
P 10 45		27	<u>92</u>	45	<u>58</u>	27	<u>90</u>
P 11 50		30	<u>98</u>	50	<u>58</u>	30	<u>94</u>
P 12 55		33	<u>104</u>	55	<u>58</u>	33	<u>98</u>
P 13 60		36	<u>110</u>	60	<u>58</u>	36	<u>102</u>
P 14		39	<u>116</u>	<u>65</u>		39	<u>106</u>
P 15		42	<u>120</u>	70		42	<u>110</u>
P 16		45	<u>123</u>	75		45	<u>114</u>
P 17		<u>48</u>		80		48	<u>118</u>
P 18		<u>51</u>		85		51	<u>122</u>
P 19		<u>54</u>		90		54	<u>125</u>
P 20		<u>57</u>				57	<u>128</u>
		<u>60</u>				<u>60</u>	

HCC# 7352

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125645

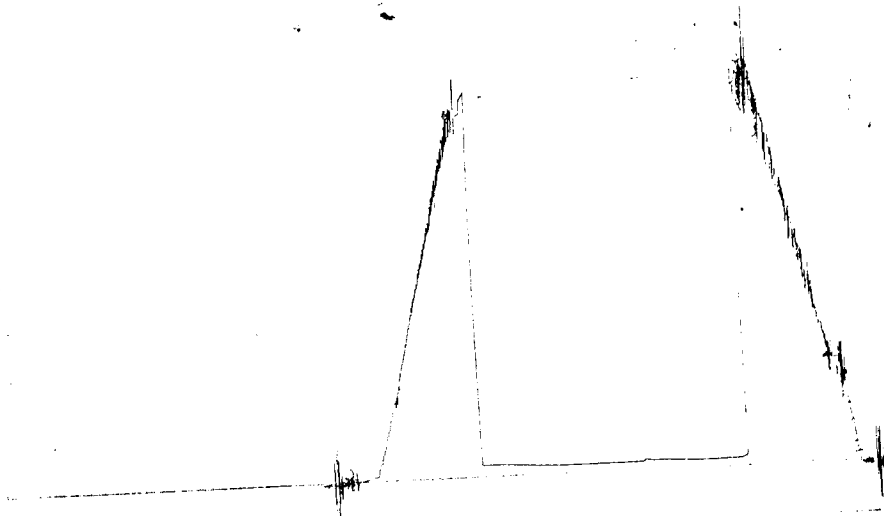
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YCP # 7353

6246
WST #5

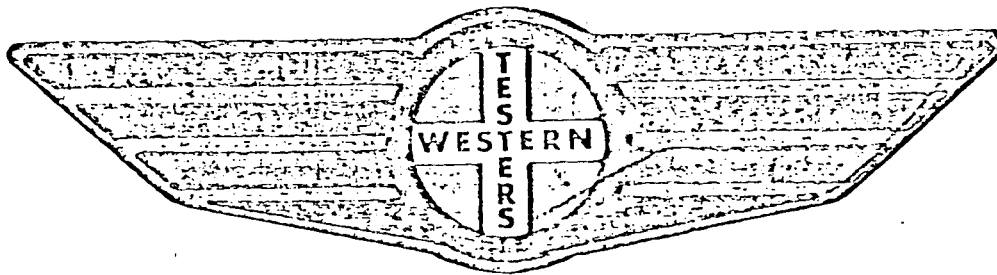
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

spany
MCCOY PETROLEUM CORPORATION
Lease and Well No. #1 "A" NORMAN
Sec. 25 Twp. 33S Rge. 8W
Test No. 2 Date 10/2/84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/5/84 TICKET #7353
CUSTOMER: MCCOY PETROLEUM CORPORATION LEASE: NORMAN "A"
WELL: #1 TEST: 5 GEOLOGIST: MCCOY
ELEVATION (KB): 1389 FORMATION: MISS
SECTION: 25 TOWNSHIP: 33S
RANGE: 8W COUNTY: HARPER STATE: KANSAS
GAUGE SN #6074 RANGE: 5100 CLOCK: 12

INTERVAL TEST FROM: 4634 FT TO: 4690 FT TOTAL DEPTH: 4690 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4629 FT SIZE: 6 5/8 IN PACKER DEPTH: 4634 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SWEETMAN
MUD TYPE: STARCH VISCOSITY: 50
WEIGHT: 9.7 WATER LOSS (CC): 5.4
CHLORIDES (P.P.M.): N/C
JARS - MAKE: W.T.C. SERIAL NUMBER: 421
DID WELL FLOW? NO REVERSED OUT?
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4606 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 56 FT SIZE: 5 1/2 O.D. IN
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 FH IN

BLOW: INITIAL FLOW PERIOD WEAK BLOW SLOWLY
BUILDING. FINAL FLOW PERIOD WEAK STEADY
BLOW THROUGHOUT.

RECOVERED: 40 FT OF: VERY SLIGHTLY GAS CUT MUD.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: 1 COLLAR IN ANCHOR.

TIME SET PACKER(S): 6:00 P.M. TIME STARTED OFF BOTTOM: 9:15 P.M.
WELL TEMPERATURE: 140 'F
INITIAL HYDROSTATIC PRESSURE: (A) 2536 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 48 PSI TO (C) 50 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 123 PSI
FINAL FLOW PERIOD MIN: 60 (E) 55 PSI TO (F) 58 PSI
FINAL CLOSED IN PERIOD MIN: 57 (G) 128 PSI
FINAL HYDROSTATIC PRESSURE (H) 2529 PSI

