



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET N^o 4901P. O. BOX 1599
WICHITA, KANSAS 67201

PHONE (316) 838-0601

Elevation

13875L

Formation

Hutton

Eff. Pay - Ft.

District

Augusta

Date

Mar 24-80

Customer Order No.

-

COMPANY NAME

Prairie Oil Inc

ADDRESS

1786 South Seneca Wichita

LEASE AND WELL NO.

Clothier 1A

COUNTY

Marion

STATE

KS

Sec.

28

Twp.

21S

Rge.

5E

Mail Invoice To

Same

No. Copies Requested

1

Mail Charts To

Same

Address

Address

No. Copies Requested

5

Formation Test No.

1

Interval Tested from

2296

ft. to

2323

ft.

Total Depth

2324

ft.

Packer Depth

2296

ft.

Size

5" in.

Packer Depth

ft.

Size

in.

Packer Depth

2291

ft.

Size

5" in.

Packer Depth

ft.

Size

in.

Depth of Selective Zone Set

Top Recorder Depth (Inside)

2306

ft.

Recorder Number

3354

Cap.

4200

Bottom Recorder Depth (Outside)

2323

ft.

Recorder Number

2605

Cap.

4150

Below Straddle Recorder Depth

ft.

Recorder Number

Cap.

Drilling Contractor

Edco #1

Drill Collar Length

351

I. D.

in.

Mud Type

Chem

Viscosity

Weight Pipe Length

I. D.

in.

Weight

9.5

Water Loss

12.8

cc.

Drill Pipe Length

1923

I. D.

in.

Chlorides

1000

P.P.M.

Test Tool Length

22

ft.

Tool Size

4 1/2

in.

Jars: Make

NO

Serial Number

Anchor Length

27

ft.

Size

4 1/2

in.

Did Well Flow?

NO

Reversed Out

YES

Surface Choke Size

3 1/4

in.

Bottom Choke Size

3 1/4

in.

Main Hole Size

6 1/4

in.

Tool Joint Size

3 1/2

in.

Blow:

Good blow throughout first flow, Good blow throughout second flow

Recovered

510'

ft. of

heavy oil cut mud 60% oil 40% mud

Recovered

794'

ft. of

salt water

Recovered

ft. of

Recovered

ft. of

Recovered

ft. of

Remarks:

OK 1304' total recovery

RECEIVED
MAR 25 1980

Time Set Packer(s)

145

A.M.
P.M.

Time Started Off Bottom

3.45

A.M.
P.M.

Maximum Temperature

Initial Hydrostatic Pressure

(A)

1182

P.S.I.

Initial Flow Period

Minutes

30

(B)

84

P.S.I. to (C)

402

P.S.I.

Initial Closed In Period

Minutes

30

(D)

829

P.S.I.

Final Flow Period

Minutes

30

(E)

444

P.S.I. to (F)

560

P.S.I.

Final Closed In Period

Minutes

30

(G)

839

P.S.I.

Final Hydrostatic Pressure

(H)

1182

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 of Customer or his authorized representative

Western Representative

Kenneth K. Rendall

FIELD INVOICE

Open Hole Test

\$ 500.00

Misrun

\$

Straddle Test

\$

Jars

\$

Selective Zone

\$

Safety Joint

\$

Standby

\$

Evaluation

\$

Extra Packer

\$

Circ. Sub.

\$ 25.00

Mileage

\$

Fluid Sampler

\$

Extra Charts

\$

TOTAL

\$ 525.00

WESTERN TESTING CO., INC.

Pressure Data

Date 3-24-80 Test Ticket No. 4901
 Recorder No. 3354 Capacity 4200 Location 2306 Ft.
 Clock No. _____ Elevation 1387 H.L. Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1160</u> P.S.I.	Open Tool	<u>1:45</u> A M	
B First Initial Flow Pressure	<u>76</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>414</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>835</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>425</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
F Second Final Flow Pressure	<u>563</u> P.S.I.			
G Final Closed-in Pressure	<u>838</u> P.S.I.			
H Final Hydrostatic Mud	<u>1152</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

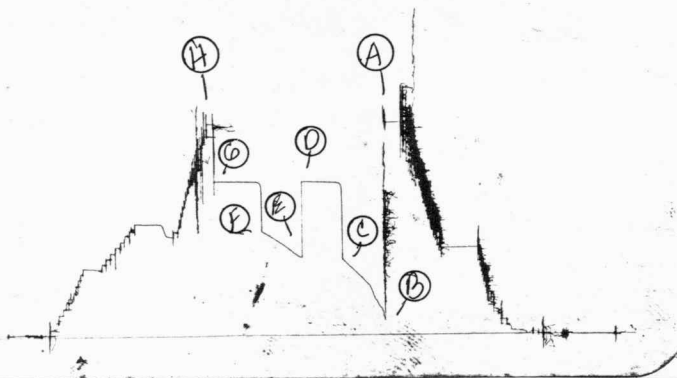
Second Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 11 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>76</u>	0	<u>414</u>	0	<u>425</u>	0	<u>563</u>
P 2 5	<u>173</u>	3	<u>829</u>	5	<u>445</u>	3	<u>833</u>
P 3 10	<u>257</u>	6	<u>834</u>	10	<u>470</u>	6	<u>835</u>
P 4 15	<u>300</u>	9	<u>835</u>	15	<u>496</u>	9	<u>836</u>
P 5 20	<u>338</u>	12		20	<u>519</u>	12	<u>837</u>
P 6 25	<u>376</u>	15		25	<u>541</u>	15	<u>838</u>
P 7 30	<u>414</u>	18		30	<u>563</u>	18	
P 8 35		21		35		21	
P 9 40		24		40		24	
P 10 45		27		45		27	
P 11 50		30	<u>835</u>	50		30	
P 12 55		33		55		33	<u>838</u>
P 13 60		36		60		36	
P 14		39		65		39	
P 15		42		70		42	
P 16		45		75		45	
P 17		48		80		48	
P 18		51		85		51	
P 19		54		90		54	
P 20		57				57	
		60				60	

TKL #4901
I

3354
4901



Company Prairie Oil, Inc.. Lease & Well No. Clothier "A" #1
 Elevation 1387 Ground Level Hutton Formation Effective Pay ----- Ft. Ticket No. 4901
 Date 3/24/80 Sec. 28 Twp. 21S Range 5E County Marion State Kansas
 Test Approved by R. E. Custer Western Representative Kenny Kirkendall
 Formation Test No. 1 Interval Tested from 2296 ft. to 2323 ft. Total Depth 2323 ft.
 Packer Depth 2296 ft. Size 5 in. Packer Depth - ft. Size - in.
 Packer Depth 2291 ft. Size 5 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 2306 ft. Recorder Number 3354 Cap. 4200
 Bottom Recorder Depth (Outside) 2323 ft. Recorder Number 2605 Cap. 4150
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Edco Drilling Rig #1 Drill Collar Length 351 I. D. - in.
 Mud Type chemical Viscosity - Weight Pipe Length - I. D. - in.
 Weight 9.5 Water Loss 12.8 cc. Drill Pipe Length 1923 I. D. - in.
 Chlorides 1,000 P.P.M. Test Tool Length 22 ft. Tool Size 4 1/2 in.
 Jars: Make NO Serial Number - Anchor Length 27 ft. Size 4 1/2 in.
 Did Well Flow? NO Reversed Out Yes Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 6 1/4 in. Tool Joint Size 3 1/2 IF in.

Blow: Good blow throughout first flow; good blow throughout second flow.

Recovered 510 ft. of heavy oil cut mud (60% oil; 40% mud)

Recovered 794 ft. of salt water

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: 1304 Total Recovery

Time Set Packer(s) 1:45 A.M. ----- P.M. Time Started Off Bottom 3:45 A.M. ----- P.M. Maximum Temperature -
 Initial Hydrostatic Pressure 1160 P.S.I. (A)
 Initial Flow Period 30 Minutes (B) 76 P.S.I. to (C) 414 P.S.I.
 Initial Closed In Period 30 Minutes (D) 835 P.S.I.
 Final Flow Period 30 Minutes (E) 425 P.S.I. to (F) 563 P.S.I.
 Final Closed In Period 33 Minutes (G) 838 P.S.I.
 Final Hydrostatic Pressure 1152 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 3-24-80 Test Ticket No. 4901

Recorder No. 3354 Capacity 4200 Location 2306 Ft.

Clock No. _____ Elevation 1387 Ground Level Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1160	P.S.I.	1:45A	M
B First Initial Flow Pressure	76	P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	414	P.S.I.	30 Mins.	30 Mins.
D Initial Closed-in Pressure	835	P.S.I.	30 Mins.	30 Mins.
E Second Initial Flow Pressure	425	P.S.I.	30 Mins.	33 Mins.
F Second Final Flow Pressure	563	P.S.I.		
G Final Closed-in Pressure	838	P.S.I.		
H Final Hydrostatic Mud	1152	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>11</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>76</u>	<u>0</u>	<u>414</u>	<u>0</u>	<u>425</u>	<u>0</u>	<u>563</u>
P 2 <u>5</u>	<u>173</u>	<u>3</u>	<u>829</u>	<u>5</u>	<u>445</u>	<u>3</u>	<u>833</u>
P 3 <u>10</u>	<u>257</u>	<u>6</u>	<u>834</u>	<u>10</u>	<u>470</u>	<u>6</u>	<u>835</u>
P 4 <u>15</u>	<u>300</u>	<u>9</u>	<u>835</u>	<u>15</u>	<u>496</u>	<u>9</u>	<u>836</u>
P 5 <u>20</u>	<u>338</u>	<u>12</u>	<u>835</u>	<u>20</u>	<u>519</u>	<u>12</u>	<u>837</u>
P 6 <u>25</u>	<u>376</u>	<u>15</u>	<u>835</u>	<u>25</u>	<u>541</u>	<u>15</u>	<u>838</u>
P 7 <u>30</u>	<u>414</u>	<u>18</u>	<u>835</u>	<u>30</u>	<u>563</u>	<u>18</u>	<u>838</u>
P 8		<u>21</u>	<u>835</u>			<u>21</u>	<u>838</u>
P 9		<u>24</u>	<u>835</u>			<u>24</u>	<u>838</u>
P10		<u>27</u>	<u>835</u>			<u>27</u>	<u>838</u>
P11		<u>30</u>	<u>835</u>			<u>30</u>	<u>838</u>
P12						<u>33</u>	<u>838</u>
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							