



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 9950

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

WICHITA, KANSAS 67201

Elevation 2155 G.L. Formation Sd. Eff. Pay F

COMPANY NAME

ADDRESS

LEASE AND WELL NO. #2 NEWSOM "B" COUNTY Edwards STATE KS. Sec. 12 Twp. 26S Rge. 18W

Mail Invoice To Co. Name #2 "B" NEWSOM GAS UNIT Address No. Copies Requested 5

Mail Charts To Address No. Copies Requested 5

Formation Test No. 1 Interval Tested From 3176 ft. to 3225 ft. Total Depth 3225 ft.
Packer Depth 3176 ft. Size 3 1/2 in.
Packer Depth 3176 ft. Size 3 1/2 in.
Depth of Selective Zone Set

Top Recorder Depth (Inside) 3178 ft.
Bottom Recorder Depth (Outside) 3181 ft.
Below Straddle Recorder Depth

Recorder Number 1049 Cap. 4225
Recorder Number 13520 Cap. 4200
Recorder Number Cap.

Drilling Contractor Big Springs Rig 3
Mud Type G&I Viscosity 57
Weight 9.1 Water Loss 10.4 cc.
Chlorides 20,000 P.P.M.

Drill Collar Length I. D.
Weight Pipe Length I. D.
Drill Pipe Length 3153 I. D. 3.8
Test Tool Length 23 ft. Tool Size 5 1/2 in.
Anchor Length 49 ft. Size 5 1/2 in.
Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 3/8 in. Tool Joint Size 4 1/2 x 14 in.

Jars: Make Serial Number
Did Well Flow? NO Reversed Out YES

Blow: Strong Throughout Flow Periods.

Recovered 1860 ft. of Muddy Water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides P.P.M. Sample Jars used Remarks: Chlorides 60,000 PPM

Time On Location 1:45 A.M.

Time Pick Up Tool 3:15 A.M.

Time Off Location 10:00 A.M.

Time Set Packer(s) 4:38 A.M.

Time Started Off Bottom 7:40 A.M.

Maximum Temperature 119

Initial Hydrostatic Pressure (A) 1493 P.S.I.

Initial Flow Period Minutes 30 (B) 141 P.S.I. to (C) 500 P.S.I.

Initial Closed In Period Minutes 45 (D) 115 P.S.I.

Final Flow Period Minutes 45 (E) 109 P.S.I. to (F) 890 P.S.I.

Final Closed In Period Minutes 60 (G) 109 P.S.I.

Final Hydrostatic Pressure (H) 1493 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 Dennis Wondra Thanks you

FIELD INVOICE

Open Hole Test \$ 550.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$ 65.00
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$ 35.00
Mileage \$
Fluid Sampler \$
Extra Charts \$

WESTERN TESTING CO., INC.

Pressure Data

Date 8-23Test Ticket No. 9950Recorder No. 1049

Capacity _____ Location _____

Clock No. _____ Elevation _____ Well Temperature _____

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1489</u> P.S.I.		
B First Initial Flow Pressure	<u>191</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mir
C First Final Flow Pressure	<u>494</u> P.S.I.	<u>45</u> Mins.	<u>48</u> Mir
D Initial Closed-in Pressure	<u>1150</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mir
E Second Initial Flow Pressure	<u>609</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mir
F Second Final Flow Pressure	<u>840</u> P.S.I.		
G Final Closed-in Pressure	<u>1103</u> P.S.I.		
H Final Hydrostatic Mud	<u>1479</u> P.S.I.		

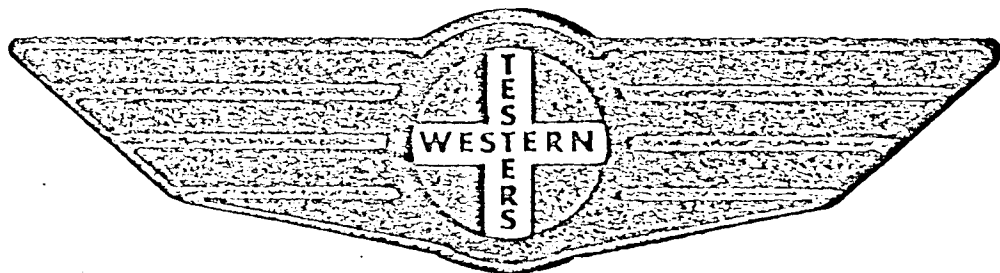
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>7</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>21</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 0	<u>191</u>	0	<u>494</u>	0	<u>609</u>	0	<u>840</u>
P 2 5	<u>233</u>	3	<u>842</u>	5	<u>610</u>	3	<u>939</u>
P 3 10	<u>274</u>	6	<u>939</u>	10	<u>637</u>	6	<u>970</u>
P 4 15	<u>336</u>	9	<u>994</u>	15	<u>682</u>	9	<u>996</u>
P 5 20	<u>400</u>	12	<u>1028</u>	20	<u>718</u>	12	<u>1013</u>
P 6 25	<u>453</u>	15	<u>1059</u>	25	<u>748</u>	15	<u>1028</u>
P 7 30	<u>494</u>	18	<u>1080</u>	30	<u>780</u>	18	<u>1041</u>
P 8 35		21	<u>1095</u>	35	<u>805</u>	21	<u>1053</u>
P 9 40		24	<u>1107</u>	40	<u>828</u>	24	<u>1062</u>
P10 45		27	<u>1116</u>	45	<u>840</u>	27	<u>1068</u>
P11 50		30	<u>1124</u>	50		30	<u>1074</u>
P12 55		33	<u>1130</u>	55		33	<u>1080</u>
P13 60		36	<u>1136</u>	60		36	<u>1085</u>
P14 65		39	<u>1141</u>	65		39	<u>1088</u>
P15 70		42	<u>1146</u>	70		42	<u>1091</u>
P16 75		45	<u>1149</u>	75		45	<u>1094</u>
P17 80		48	<u>1150</u>	80		48	<u>1096</u>
P18 85		51		85		51	<u>1098</u>
P19 90		54		90		54	<u>1100</u>
P20 95		57		95		57	<u>1102</u>
100		60		100		60	<u>1103</u>

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company KUZE ULL COMPANY, INC. Please a well no. #2 B NEWBORN GAS UNLTD. 12 4MP. 202 462. 10W 4000 2000 2000

WESTERN TESTING CO., INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8-23-85
CUSTOMER: RUPE OIL COMPANY INC.
WELL: 2 TEST: 1
ELEVATION (KB): 2155 FORMATION:
SECTION: 12 TOWNSHIP: 26S
RANGE: 18W COUNTY: EDWARDS STATE: KANSAS
GAUGE SN #1049 RANGE: 4225 CLOCK: 12

TICKET #9950

LEASE: "B" NEWSOM GAS UNIT

GEOLOGIST: R.M. STUCKY

INTERVAL TEST FROM: 3176 FT TO: 3225 FT TOTAL DEPTH: 3225 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3171 FT SIZE: 6 5/8 IN PACKER DEPTH: 3176 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BIG SPRINGS DRLG. #3
MUD TYPE: GEL VISCOSITY: 51
WEIGHT: 9.1 WATER LOSS (CC): 10.4
CHLORIDES (P.P.M.): 20000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? YES
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3153 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 23 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 49 FT SIZE: 5 1/2 OD 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 XH IN

BLOW: STRONG BLOW THROUGHOUT TEST.

RECOVERED: 1860 FT OF: MUDDY WATER.
RECOVERED: FT OF: CHLORIDES 60000 PPM.
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): 4:38 PM TIME STARTED OFF BOTTOM: 7:40 PM
WELL TEMPERATURE: 119 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1489 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 191 PSI TO (C) 494 PSI
INITIAL CLOSED IN PERIOD MIN: 48 (D) 1150 PSI
FINAL FLOW PERIOD MIN: 45 (E) 609 PSI TO (F) 840 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 1103 PSI
FINAL HYDROSTATIC PRESSURE (H) 1479 PSI

WESTERN TESTING CO., INC.
PRESSURE DATA

DATE: 8-23-85

CUSTOMER: RUPE OIL COMPANY INC.

TEST: 1

ELEVATION (KB): 2155

FORMATION:

TOWNSHIP: 26S

COUNTY: EDWARDS

TICKET #9950

LEASE: "B" NEWSOM GAS UNIT

GEOLOGIST: R.M. STUCKY

STATE: KANSAS

CLOCK: 12

(A)	INITIAL HYDROSTATIC PRESSURE:	1489	PSI
(B)	FIRST INITIAL FLOW PRESSURE:	191	PSI
(C)	FIRST FINAL FLOW PRESSURE:	494	PSI
(D)	INITIAL CLOSED-IN PRESSURE:	1150	PSI
(E)	SECOND INITIAL FLOW PRESSURE:	609	PSI
(F)	SECOND FINAL FLOW PRESSURE:	840	PSI
(G)	FINAL CLOSED-IN PRESSURE:	1103	PSI
(H)	FINAL HYDROSTATIC PRESSURE:	1479	PSI
WELL	TEMPERATURE:	119	'F

OPEN TOOL: 4:38 PM

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	30 MIN
INITIAL CLOSED-IN PRESSURE:	45 MIN	48 MIN
SECOND FLOW PRESSURE:	45 MIN	45 MIN
FINAL CLOSED-IN PRESSURE:	60 MIN	60 MIN

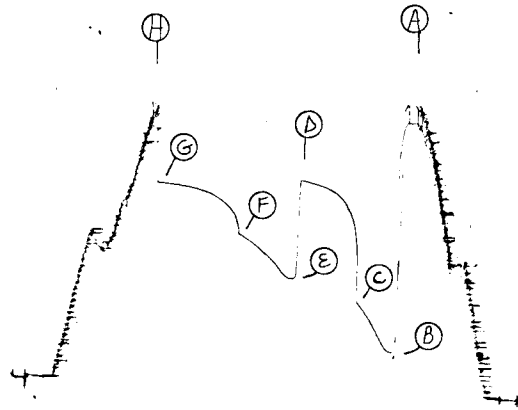
PRESSURE BREAKDOWN

PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	191	0	494	0	609	0	840
2	5	233	3	842	5	610	3	939
3	10	274	6	939	10	637	6	970
4	15	336	9	994	15	682	9	996
5	20	400	12	1028	20	718	12	1013
6	25	453	15	1059	25	748	15	1028
7	30	494	18	1080	30	780	18	1041
8			21	1095	35	805	21	1053
9			24	1107	40	828	24	1062
10			27	1116	45	840	27	1068
11			30	1124			30	1074
12			33	1130			33	1080
13			36	1136			36	1085
14			39	1141			39	1088
15			42	1146			42	1091
16			45	1149			45	1094
17			48	1150			48	1096
18							51	1098
19							54	1100
20							57	1102
21							60	1103
22								

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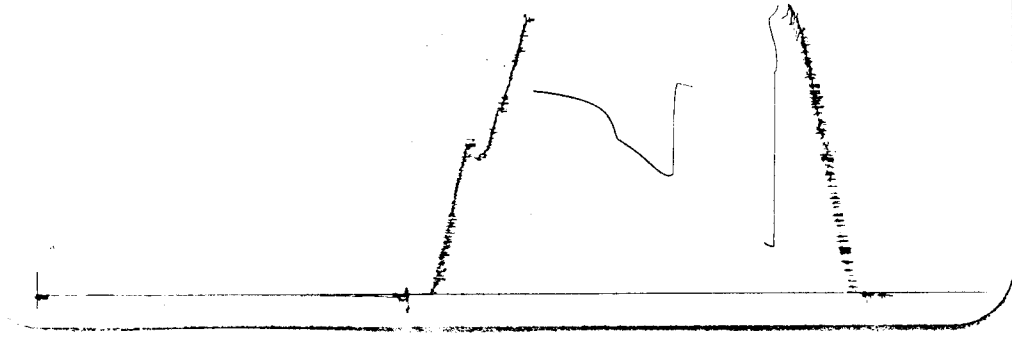
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TKT # 9950 / 3520

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WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET

No 10931

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

Elevation 2155 R.B. Formation Miss Eff. Pay Ft.

WICHITA, KANSAS 67201

COMPANY NAME

ADDRESS

LEASE AND WELL NO.

Mail Invoice To

Mail Charts To

Formation Test No.

Packer Depth

Packer Depth

Depth of Selective Zone Set

Top Recorder Depth (Inside)

Bottom Recorder Depth (Outside)

Below Straddle Recorder Depth

Drilling Contractor

Mud Type

Weight

Chlorides

Jars: Make

Did Well Flow?

District

Date

Customer Order No.

COUNTY

STATE

Sec.

Twp.

Rge.

No. Copies Requested

No. Copies Requested

Address

Address

ft. to

ft. Total Depth

Packer Depth

ft.

Size in.

Packer Depth

ft.

Size in.

Recorder Number

Cap.

Recorder Number

Cap.

Recorder Number

Cap.

Drill Collar Length

I. D.

Weight Pipe Length

I. D.

Drill Pipe Length

I. D.

Test Tool Length

ft.

Tool Size

Anchor Length

ft.

Size

Surface Choke Size

in.

Bottom Choke Size

Main Hole Size

in.

Tool Joint Size

Blow:

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides

P.P.M. Sample Jars used

Remarks:

Time On Location

Time Pick Up Tool

Time Off Location

Time Set Packer(s)

Time Started Off Bottom

Maximum Temperature

Initial Hydrostatic Pressure

Initial Flow Period

Initial Closed In Period

Final Flow Period

Final Closed In Period

Final Hydrostatic Pressure

P.S.I.

P.S.I. to (C)

P.S.I.

P.S.I. to (F)

P.S.I.

P.S.I.

P.S.I.

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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 of Customer or his authorized representative

Western Representative

FIELD INVOICE

Open Hole Test

Misrun

Straddle Test

Jars

Selective Zone

Safety Joint

Standby

Evaluation

Extra Packer

Circ. Sub.

Mileage

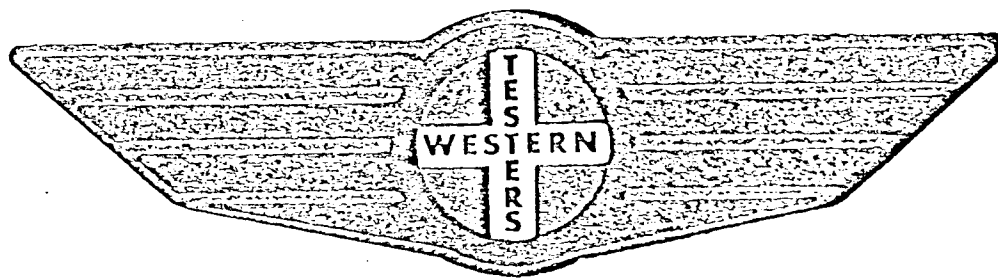
Fluid Sampler

Extra Charts

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8-26-85
CUSTOMER: RUPE OIL COMPANY INC.
WELL: 2
ELEVATION (KB): 2155
SECTION: 12
RANGE: 18W
GAUGE SN #13552

TEST: 1

FORMATION: MISSISSIPPI
TOWNSHIP: 26S

COUNTY: EDWARDS
RANGE: 4050

TICKET #10931
LEASE: "B" NEWSOM GAS UNIT
GEOLOGIST: P.N. STUCKY
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4485 FT TO: 4533 FT TOTAL DEPTH: 4533 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4480 FT SIZE: 6 5/8 IN PACKER DEPTH: 4485 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BIG SPRINGS DRLG. #3
MUD TYPE: DRISPAC VISCOSITY: 42
WEIGHT: 9.1 WATER LOSS (CC): 12.0
CHLORIDES (P.P.M.): 14500

JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4461 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 24 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 48 FT SIZE: 5 1/2 OD 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: RIG BREAK DOWN HALF WAY IN HOLE
WITH TOOL; 7 1/2 HOURS REPAIR.
MISRUN.

TIME SET PACKER(S):

WELL TEMPERATURE: 0 °F

INITIAL HYDROSTATIC PRESSURE:

INITIAL FLOW PERIOD MIN: 0

INITIAL CLOSED IN PERIOD MIN: 0

FINAL FLOW PERIOD MIN: 0

FINAL CLOSED IN PERIOD MIN: 0

FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM:

(A) PSI
(B) 0 PSI TO (C) 0 PSI
(D) 0 PSI
(E) 0 PSI TO (F) 0 PSI
(G) 0 PSI
(H) PSI

4kt #10931
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WESTERN TESTING CO., INC.
FORMATION TESTING

OK

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

WICHITA, KANSAS 67201

Elevation 2155 R.B. Formation Miss Ticket No. 10932 Eff. Pay Ft.

COMPANY NAME Rupe Oil Company District 12 Pratt Date 8/27/85 Customer Order No.

ADDRESS Box 2273 Wichita 67201

LEASE AND WELL NO. Newsom "B" #2 COUNTY Edwards STATE Ks Sec. 12 Twp. 26 Rge. 18W

Mail Invoice To Same #2 "B" NEWSOM GAS UNIT No. Copies Requested 5

Mail Charts To Same Address No. Copies Requested 5

Formation Test No. 2 Interval Tested From 4485 ft. to 4533 ft. Total Depth 4533 ft.
Packer Depth 4480 ft. Size 6 5/8 in.
Packer Depth 4485 ft. Size 6 5/8 in.
Depth of Selective Zone Set - Packer Depth - ft. Size - in.

Top Recorder Depth (Inside) 4489 ft.
Bottom Recorder Depth (Outside) 4492 ft.
Below Straddle Recorder Depth - ft.
Recorder Number 13552 Cap. 4050
Recorder Number 3086 Cap. 4500
Recorder Number - Cap. -

Drilling Contractor Big Springs Rig #3
Mud Type Dryspac Viscosity 42
Weight 9.1 Water Loss 120 cc.
Chlorides 14,500 P.P.M.
Jars: Make No Serial Number No
Did Well Flow? No Reversed Out No
Drill Collar Length - I. D. - in.
Weight Pipe Length - I. D. - in.
Drill Pipe Length 4461 I. D. 3.8 in.
Test Tool Length 24 ft. Tool Size 5 1/2 OD in.
Anchor Length 48 ft. Size 5 1/2 OD in.
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 FH in.

Blow: Weak blow throughout first flow period
No blow on second flow period

Recovered 10 ft. of Only Mud
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

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

Time On Location	A.M. <u> </u> P.M. <u> </u>	Time Pick Up Tool	<u>1:30</u>	A.M. <u> </u> P.M. <u> </u>	Time Off Location	<u>7:30</u>	A.M. <u> </u> P.M. <u> </u>
Time Set Packer(s)	<u>3:10</u>	Time Started Off Bottom	<u>5:10</u>		Maximum Temperature	<u>124</u>	
Initial Hydrostatic Pressure		(A)	<u>2267</u>	P.S.I.			
Initial Flow Period	Minutes <u>30</u>	(B)	<u>71</u>	P.S.I.	to (C)	<u>71</u>	P.S.I.
Initial Closed In Period	Minutes <u>30</u>	(D)	<u>274</u>	P.S.I.			
Final Flow Period	Minutes <u>30</u>	(E)	<u>71</u>	P.S.I.	to (F)	<u>71</u>	P.S.I.
Final Closed In Period	Minutes <u>30</u>	(G)	<u>254</u>	P.S.I.			
Final Hydrostatic Pressure		(H)	<u>2246</u>	P.S.I.			

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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 Jim Wondra Thank You

FIELD INVOICE
Open Hole Test \$ 595
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$ 465
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$

WESTERN TESTING CO., INC.

Pressure Data

Date 8-27

Test Ticket No. 10932

Recorder No. 13552

Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	
A Initial Hydrostatic Mud	<u>2253</u>	P.S.I.
B First Initial Flow Pressure	<u>69</u>	P.S.I.
C First Final Flow Pressure	<u>71</u>	P.S.I.
D Initial Closed-in Pressure	<u>272</u>	P.S.I.
E Second Initial Flow Pressure	<u>73</u>	P.S.I.
F Second Final Flow Pressure	<u>73</u>	P.S.I.
G Final Closed-in Pressure	<u>254</u>	P.S.I.
H Final Hydrostatic Mud	<u>2176</u>	P.S.I.

	Time Given	M	Time Computed
Open Tool	<u>30</u>	Mins.	<u>30</u> Mins.
First Flow Pressure	<u>30</u>	Mins.	<u>27</u> Mins.
Initial Closed-in Pressure	<u>30</u>	Mins.	<u>30</u> Mins.
Second Flow Pressure	<u>30</u>	Mins.	<u>33</u> Mins.
Final Closed-in Pressure	<u>30</u>	Mins.	<u>33</u> Mins.

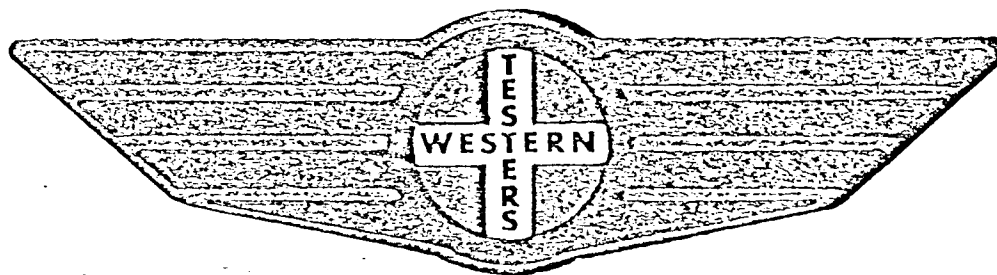
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>7</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>7</u> Inc.		Breakdown: <u>12</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 0	<u>69</u>	0	<u>71</u>	0	<u>73</u>	0	<u>73</u>
P 2 5	<u>(</u>	3	<u>85</u>	5	<u>(</u>	3	<u>74</u>
P 3 10	<u>(</u>	6	<u>168</u>	10	<u>(</u>	6	<u>106</u>
P 4 15	<u>(</u>	9	<u>188</u>	15	<u>(</u>	9	<u>174</u>
P 5 20	<u>(</u>	12	<u>206</u>	20	<u>(</u>	12	<u>191</u>
P 6 25	<u>69</u>	15	<u>223</u>	25	<u>(</u>	15	<u>204</u>
P 7 30	<u>71</u>	18	<u>240</u>	30	<u>73</u>	18	<u>215</u>
P 8 35		21	<u>257</u>	35		21	<u>223</u>
P 9 40		24	<u>272</u>	40		24	<u>234</u>
P10 45		27	<u>272</u>	45		27	<u>242</u>
P11 50		30		50		30	<u>247</u>
P12 55		33		55		33	<u>254</u>
P13 60		36		60		36	
P14 65		39		65		39	
P15 70		42		70		42	
P16 75		45		75		45	
P17 80		48		80		48	
P18 85		51		85		51	
P19 90		54		90		54	
P20 95		57		95		57	
100		60		100		60	

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8-27-85
CUSTOMER: RUPE OIL COMPANY INC.
WELL: 2 TEST: 2
ELEVATION (KB): 2155 FORMATION: MISSISSIPPI
SECTION: 12 TOWNSHIP: 26S
RANGE: 18W COUNTY: EDWARDS STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

INTERVAL TEST FROM: 4485 FT TO: 4533 FT TOTAL DEPTH: 4533 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4480 FT SIZE: 6 5/8 IN PACKER DEPTH: 4485 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BIG SPRINGS DRLG. #3
MUD TYPE: DRISPAC VISCOSITY: 42
WEIGHT: 9.1 WATER LOSS (CC): 12.0
CHLORIDES (P.P.M.): 14500
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4461 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 24 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 48 FT SIZE: 5 1/2 OD 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

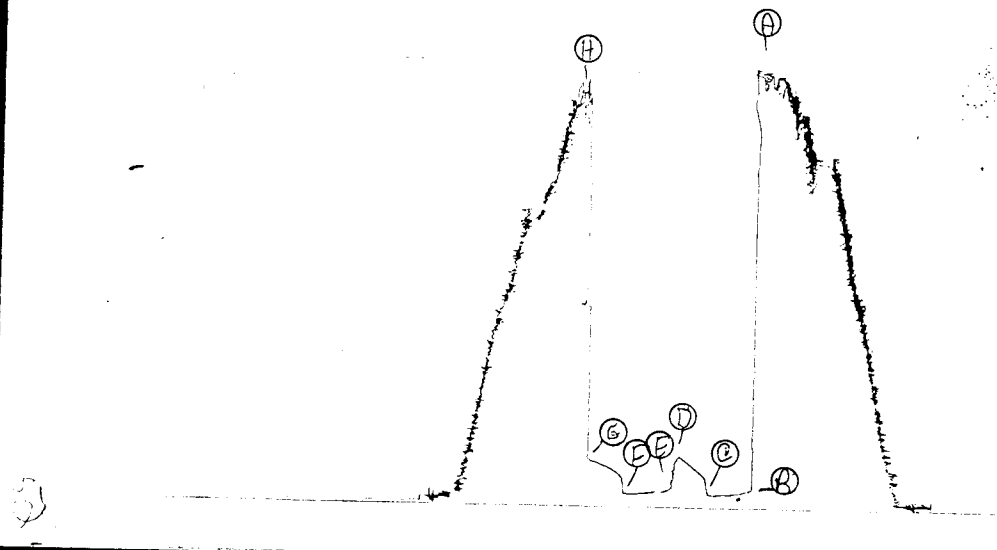
BLOW: INITIAL FLOW PERIOD WEAK BLOW.
FINAL FLOW PERIOD NO BLOW.

RECOVERED: 10 FT OF: DRILLING 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:

REMARKS:

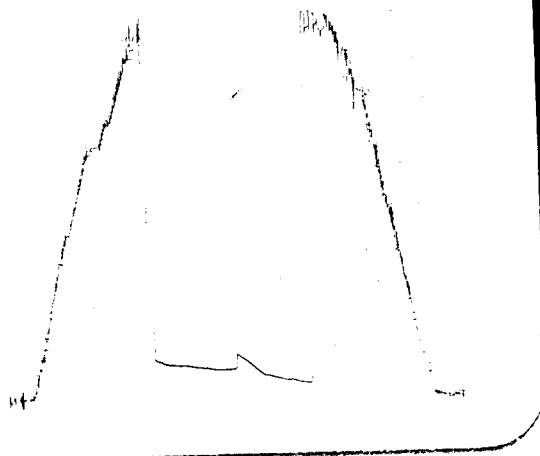
TIME SET PACKER(S): 3:10 AM TIME STARTED OFF BOTTOM: 5:10 AM
WELL TEMPERATURE: 124 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2253 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 69 PSI TO (C) 71 PSI
INITIAL CLOSED IN PERIOD MIN: 27 (D) 272 PSI
FINAL FLOW PERIOD MIN: 30 (E) 73 PSI TO (F) 73 PSI
FINAL CLOSED IN PERIOD MIN: 33 (G) 254 PSI
FINAL HYDROSTATIC PRESSURE (H) 2176 PSI

Ykt. #10932
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Wkt. #10932
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8/10





WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N° 10933

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

Elevation 2155 R.B. Formation Miss Eff. Pay Ft.

WICHITA, KANSAS 67201

COMPANY NAME Rupe O. Company
ADDRESS Box 2273 Wichita KS 67201
LEASE AND WELL NO. Newson "B" #2 COUNTY Edwards STATE KS Sec. 12 Twp. 26 Rge. 18W
Mail Invoice To Same #2 "B" NEWSOM GAS UNIT No. Copies Requested 5
Mail Charts To Same No. Copies Requested 5

Formation Test No. 3 Interval Tested From 4549 ft. to 4578 ft. Total Depth 4578 ft.
Packer Depth 4549 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 4549 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4568 ft. Recorder Number 13552 Cap. 4050
Bottom Recorder Depth (Outside) 4571 ft. Recorder Number 3086 Cap. 4500
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Big Springs Rig #3
Mud Type Drispac Viscosity 45
Weight 9.1 Water Loss 12.4 cc.
Chlorides 16,000 P.P.M. Drill Collar Length - I.D. - in.
Weight Pipe Length - I.D. - in.
Test Tool Length 24 ft. Drill Pipe Length 4525 I.D. 3.8 in.
Anchor Length 29 ft. Tool Size 5 1/2 in.
Surface Choke Size 3/4 in. Size 5 1/2 in.
Main Hole Size 7 7/8 in. Bottom Choke Size 3/4 in.
Tool Joint Size 4 1/2 FH in.

Blow: Weak blow throughout flow periods

Recovered 150 ft. of Only Mud (Few specks of Oil)

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

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

Time On Location 6:00 A.M. Time Pick Up Tool 6:30 P.M. Time Off Location 1:30 P.M.
Time Set Packer(s) 7:35 A.M. Time Started Off Bottom 10:35 P.M. Maximum Temperature 125°
Initial Hydrostatic Pressure (A) 2176 P.S.I.
Initial Flow Period Minutes 30 (B) 91 P.S.I. to (C) 91 P.S.I.
Initial Closed In Period Minutes 45 (D) 1165 P.S.I.
Final Flow Period Minutes 45 (E) 101 P.S.I. to (F) 111 P.S.I.
Final Closed In Period Minutes 60 (G) 162 P.S.I.
Final Hydrostatic Pressure (H) 2155 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 \$ 595-
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$ 465-
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$

WESTERN TESTING CO., INC.

Pressure Data

Date 8-27 Test Ticket No. 10933
 Recorder No. 13552 Capacity _____ Location _____ Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2168</u> P.S.I.		
B First Initial Flow Pressure	<u>90</u> P.S.I.	<u>30</u> Mins.	<u>35</u> Mins.
C First Final Flow Pressure	<u>95</u> P.S.I.	<u>45</u> Mins.	<u>33</u> Mins.
D Initial Closed-in Pressure	<u>1170</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>104</u> P.S.I.	<u>60</u> Mins.	<u>57</u> Mins.
F Second Final Flow Pressure	<u>118</u> P.S.I.		
G Final Closed-in Pressure	<u>173</u> P.S.I.		
H Final Hydrostatic Mud	<u>2157</u> P.S.I.		

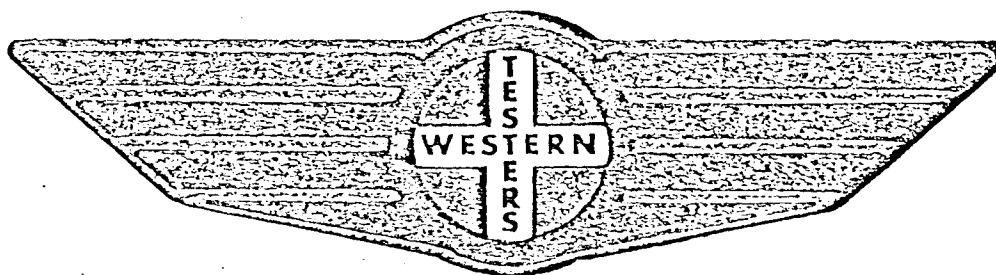
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>8</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>10</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 0	<u>90</u>	0	<u>95</u>	0	<u>104</u>	0	<u>118</u>
P 2 5		3	<u>380</u> ^{OK}	5		3	<u>118</u>
P 3 10		6	<u>1312</u>	10		6	<u>120</u>
P 4 15		9	<u>1275</u>	15		9	<u>122</u>
P 5 20		12	<u>1241</u>	20	<u>104</u>	12	<u>125</u>
P 6 25	<u>90</u>	15	<u>1212</u>	25	<u>104</u>	15	<u>128</u>
P 7 30	<u>91</u>	18	<u>1193</u>	30	<u>108</u>	18	<u>131</u>
P 8 35	<u>95</u>	21	<u>1182</u>	35	<u>113</u>	21	<u>134</u>
P 9 40		24	<u>1175</u>	40	<u>117</u>	24	<u>137</u>
P10 45		27	<u>1172</u>	45	<u>118</u>	27	<u>140</u>
P11 50		30	<u>1170</u>	50		30	<u>144</u>
P12 55		33	<u>1170</u>	55		33	<u>148</u>
P13 60		36		60		36	<u>152</u>
P14 65		39		65		39	<u>156</u>
P15 70		42		70		42	<u>160</u>
P16 75		45		75		45	<u>164</u>
P17 80		48		80		48	<u>167</u>
P18 85		51		85		51	<u>170</u>
P19 90		54		90		54	<u>173</u>
P19 95		57		95		57	<u>173</u>
P20 100		60		100		60	

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8-27-85
CUSTOMER: RUPE OIL COMPANY INC.
WELL: 2 TEST: 3
ELEVATION (KB): 2155 FORMATION: MISSISSIPPI
SECTION: 12 TOWNSHIP: 26S
RANGE: 18W COUNTY: EDWARDS STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

INTERVAL TEST FROM: 4549 FT TO: 4578 FT TOTAL DEPTH: 4578 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4544 FT SIZE: 6 5/8 IN PACKER DEPTH: 4549 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BIG SPRINGS DRLG. #3
MUD TYPE: DRISPAC VISCOSITY: 45
WEIGHT: 9.1 WATER LOSS (CC): 12.4
CHLORIDES (P.P.M.): 16000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4525 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 24 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 29 FT SIZE: 5 1/2 OD 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

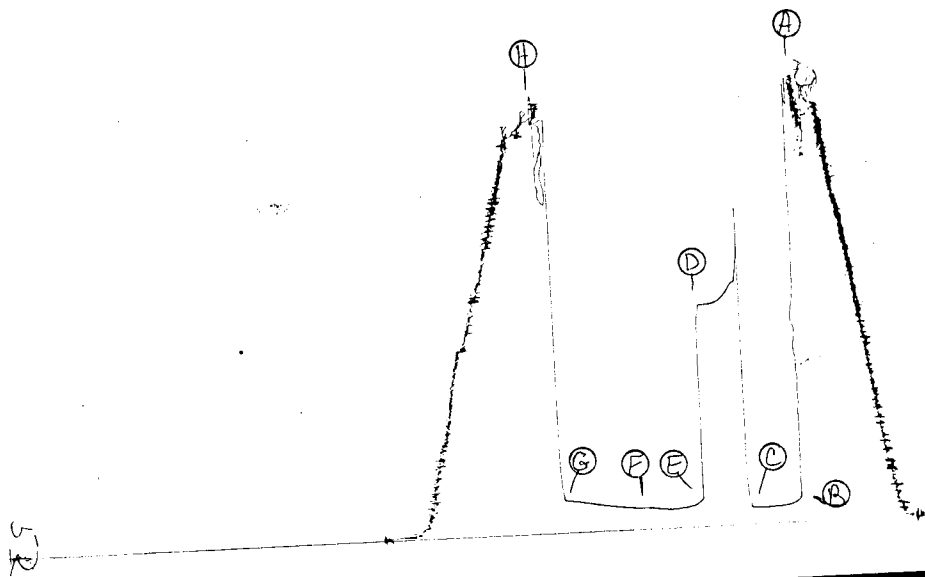
BLOW: WEAK BLOW THROUGHOUT TEST.

RECOVERED: 150 FT OF: DRILLING MUD (FEW SPECKS OF OIL).
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

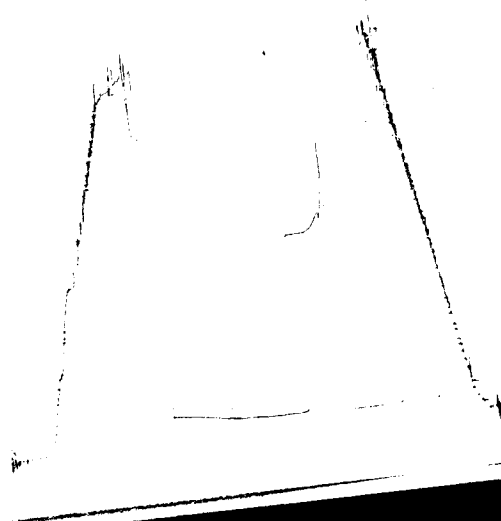
REMARKS:

TIME SET PACKER(S): 7:35 PM TIME STARTED OFF BOTTOM: 10:35 PM
WELL TEMPERATURE: 125 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2168 PSI
INITIAL FLOW PERIOD MIN: 35 (B) 90 PSI TO (C) 95 PSI
INITIAL CLOSED IN PERIOD MIN: 33 (D) 1170 PSI
FINAL FLOW PERIOD MIN: 45 (E) 104 PSI TO (F) 118 PSI
FINAL CLOSED IN PERIOD MIN: 57 (G) 173 PSI
FINAL HYDROSTATIC PRESSURE (H) 2157 PSI

Ykt. #10933
I



4kt. #10933
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WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N^o 10934

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

Elevation 2155 K.B. Formation Uiolg Eff. Pay Ft.

R/80
COMPANY NAME Rupe Oil Company Inc.
ADDRESS Box 2273 Wichita KS. 67201
LEASE AND WELL NO. Newson "B" #2 COUNTY Edwards STATE Ks Sec. 12 Twp. 26 Rge. 18W
Mail Invoice To Same #2 "B" NEWSOM GAS UNIT No. Copies Requested 5
Mail Charts To Same No. Copies Requested 5

Formation Test No. 4 Interval Tested From 4581 ft. to 4615 ft. Total Depth 4615 ft.
Packer Depth 4576 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 4581 ft. Size 6 7/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4605 ft. Recorder Number 13552 Cap. 4050
Bottom Recorder Depth (Outside) 4608 ft. Recorder Number 3086 Cap. 4500
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Big Springs Rig #3 Drill Collar Length - I. D. - in.
Mud Type Drispac Viscosity 47 Weight Pipe Length - I. D. - in.
Weight 9.3 Water Loss 15.6 cc. Drill Pipe Length 4557 I. D. 3.8 in.
Chlorides 20,000 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 in.
Jars: Make - Serial Number - Anchor Length 34 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 FH in.

Blow: Strong blow throughout flow periods

Recovered 60 ft. of Sl. Oil & Gas Cut Mud (3% oil)
Recovered - ft. of -
Recovered - ft. of -
Recovered - ft. of -
Recovered - ft. of -
Chlorides - P.P.M. Sample Jars used - Remarks: -

Time On Location 9:30 A.M. Time Pick Up Tool 10:00 A.M. Time Off Location 5:00 P.M.
Time Set Packer(s) 11:30 A.M. Time Started Off Bottom 2:30 P.M. Maximum Temperature 1250
Initial Hydrostatic Pressure (A) 2176 P.S.I.
Initial Flow Period (B) 71 P.S.I. to (C) 71 P.S.I.
Initial Closed In Period (D) 304 P.S.I.
Final Flow Period (E) 71 P.S.I. to (F) 71 P.S.I.
Final Closed In Period (G) 294 P.S.I.
Final Hydrostatic Pressure (H) 2155 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 \$ 59500
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$ 16500
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$

WESTERN TESTING CO., INC.

Pressure Data

Date 8-28

Test Ticket No. 10934

Recorder No. 13552

Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure
A Initial Hydrostatic Mud	<u>2183</u> P.S.I.
B First Initial Flow Pressure	<u>71</u> P.S.I.
C First Final Flow Pressure	<u>71</u> P.S.I.
D Initial Closed-in Pressure	<u>314</u> P.S.I.
E Second Initial Flow Pressure	<u>74</u> P.S.I.
F Second Final Flow Pressure	<u>75</u> P.S.I.
G Final Closed-in Pressure	<u>295</u> P.S.I.
H Final Hydrostatic Mud	<u>2183</u> P.S.I.

	Time Given	Time Computed
Open Tool	<u>30</u> Mins.	<u>25</u> Mins.
First Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
Final Closed-in Pressure		

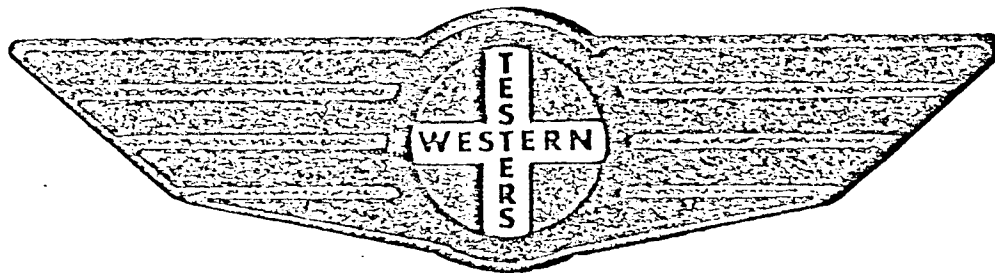
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>16</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>21</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 0	<u>71</u>	0	<u>71</u>	0	<u>74</u>	0	<u>75</u>
P 2 5		3	<u>79</u>	5	<u>74</u>	3	<u>80</u>
P 3 10		6	<u>87</u>	10		6	<u>86</u>
P 4 15		9	<u>98</u>	15		9	<u>97</u>
P 5 20		12	<u>115</u>	20		12	<u>109</u>
P 6 25	<u>71</u>	15	<u>132</u>	25		15	<u>121</u>
P 7 30		18	<u>149</u>	30		18	<u>131</u>
P 8 35		21	<u>170</u>	35	<u>74</u>	21	<u>143</u>
P 9 40		24	<u>190</u>	40	<u>75</u>	24	<u>156</u>
P10 45		27	<u>208</u>	45	<u>75</u>	27	<u>169</u>
P11 50		30	<u>228</u>	50		30	<u>183</u>
P12 55		33	<u>246</u>	55		33	<u>195</u>
P13 60		36	<u>266</u>	60		36	<u>208</u>
P14 65		39	<u>284</u>	65		39	<u>220</u>
P15 70		42	<u>304</u>	70		42	<u>231</u>
P16 75		45	<u>314</u>	75		45	<u>241</u>
P17 80		48		80		48	<u>255</u>
P18 85		51		85		51	<u>267</u>
P19 90		54		90		54	<u>278</u>
P20 95		57		95		57	<u>289</u>
100		60		100		60	<u>295</u>

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company RUPE OIL COMPANY, INC. Lease & Well No. #2 "B" NEWSOM GAS UNDEC. 14 LWP. 403 AGE. 10W TEST NO. 4 DATE 12-20-00

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8-28-85 TICKET #10934
CUSTOMER: RUPE OIL COMPANY INC. LEASE: "B" NEWSOM GAS UNIT
WELL: 2 TEST: 4 GEOLOGIST: R.M. STUCKY
ELEVATION (KB): 2155 FORMATION: VIOLA
SECTION: 12 TOWNSHIP: 26S
RANGE: 18W COUNTY: EDWARDS STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

INTERVAL TEST FROM: 4581 FT TO: 4615 FT TOTAL DEPTH: 4615 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4576 FT SIZE: 6 5/8 IN PACKER DEPTH: 4581 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BIG SPRINGS DRLG. #3
MUD TYPE: DRISPA VISCOSITY: 47
WEIGHT: 9.3 WATER LOSS (CC): 15.6
CHLORIDES (P.P.M.): 20000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4557 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 24 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 34 FT SIZE: 5 1/2 OD 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: STRONG BLOW THROUGHOUT TEST.

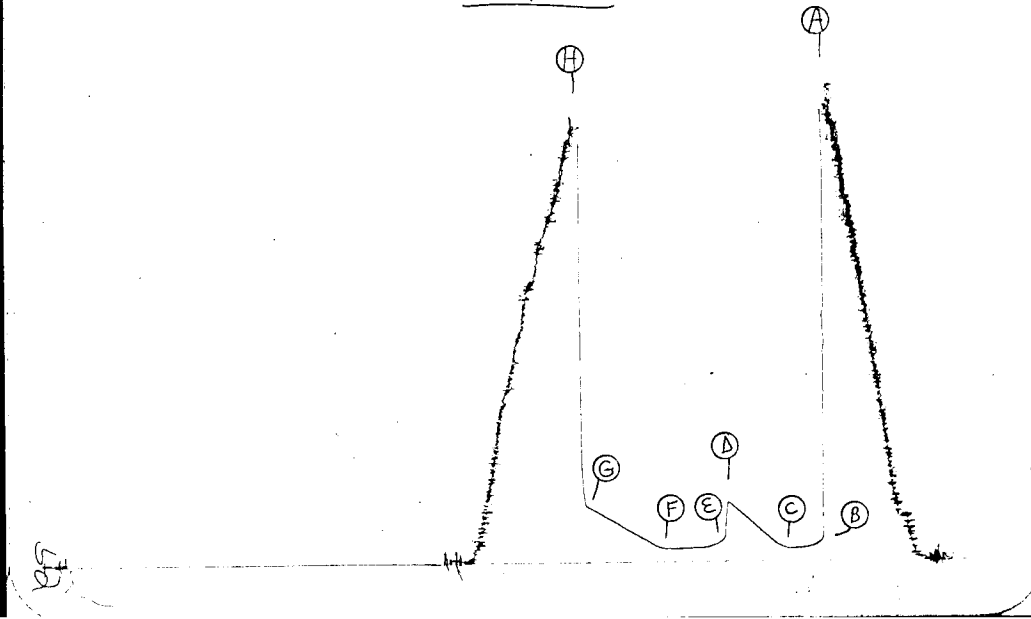
RECOVERED: 60	FT	OF: SLIGHTLY OIL & GAS CUT MUD (3% OIL).
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS:

TIME SET PACKER(S): 11:30 AM	TIME STARTED OFF BOTTOM: 2:30 PM
WELL TEMPERATURE: 125 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 2183 PSI
INITIAL FLOW PERIOD MIN: 25	(B) 71 PSI TO (C) 71 PSI
INITIAL CLOSED IN PERIOD MIN: 45	(D) 314 PSI
FINAL FLOW PERIOD MIN: 45	(E) 74 PSI TO (F) 75 PSI
FINAL CLOSED IN PERIOD MIN: 60	(G) 295 PSI
FINAL HYDROSTATIC PRESSURE	(H) 2183 PSI

TKT # 10934

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TKT # 10934



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