WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET Nº 19777

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

Elevation 1215 KB Formation Viola Eff. Pay Ft.

District Augusta Date 8-17-93 Customer Order No.

COMPANY NAME Earl M Murphy

ADDRESS Rural Route 1 Madison Ks 66860

LEASE AND WELL NO. Perrier #1 COUNTY Lyon STATE Ks Sec. 25 Twp. 21 Rge. 10E

Mail Invoice To Same Petrola Drilling Trust No. Copies Requested 1
Co. Name c/o Earl M Murphy Address #1 Perrier

Mail Charts To Same 242 Rd. H Rt 1 No. Copies Requested 5
Madison Ks 66860 Address

Formation Test No. DST #1 Interval Tested From 2524 ft. to 2534 ft. Total Depth 2534 ft.

Packer Depth 2519 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 2524 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 2530 ft. Recorder Number 10976 Cap. 4100

Bottom Recorder Depth (Outside) 2526 ft. Recorder Number 3354 Cap. 4200

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

Drilling Contractor Tri Star Rig 1 Drill Collar Length 180 I. D. 2.25 in.

Mud Type Chem Viscosity 36 Weight Pipe Length — I. D. — in.

Weight — Water Loss — cc. Drill Pipe Length 2324 I. D. 3.7/16 in.

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

Jars: Make — Serial Number — Anchor Length 10 ft. Size 5 1/2 OD 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 4 1-H in.

Blow: Very Weak below Top of bucket (EFI?) No blow on (EFI?)

Recovered 20 ft. of drilling mud with trace of oil

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

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

AUG 23 1993

Time On Location 12:01 ~~A.M.~~ P.M. Time Pick Up Tool 5:00 A.M. P.M. Time Off Location A.M. P.M.

Time Set Packer(s) 7:00 ~~A.M.~~ P.M. Time Started Off Bottom 10:30 A.M. P.M. Maximum Temperature 107°F

Initial Hydrostatic Pressure			(A)	1265	P.S.I.	
Initial Flow Period	Minutes 45		(B)	10	P.S.I. to (C)	10 P.S.I.
Initial Closed In Period	Minutes 45		(D)	855	P.S.I.	
Final Flow Period	Minutes 40		(E)	30	P.S.I. to (F)	30 P.S.I.
Final Closed In Period	Minutes 60		(G)	865	P.S.I.	
Final Hydrostatic Pressure			(H)	1255	P.S.I.	

10479

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 R. P. Stallard
Signature of Customer or his authorized representative

Western Representative J. Hayes Pettis

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 _____ Test Ticket No. 19997

Recorder No. _____ Capacity _____ Location 10979 Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1262	P.S.I.	Open Tool	7.00 M	
B	First Initial Flow Pressure	4	P.S.I.	First Flow Pressure	45 Mins.	45 Mins.
C	First Final Flow Pressure	13	P.S.I.	Initial Closed-in Pressure	45 Mins.	42 Mins.
D	Initial Closed-in Pressure	840	P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	52	P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	26	P.S.I.			
G	Final Closed-in Pressure	865	P.S.I.			
H	Final Hydrostatic Mud	1240	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	4
P 2	5	5
P 3	10	6
P 4	15	7
P 5	20	8
P 6	25	9
P 7	30	10
P 8	35	11
P 9	40	12
P10	45	13
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	13
3	23
6	92
9	381
12	530
15	660
18	712
21	743
24	772
27	786
30	801
33	813
36	825
39	834
42	840
45	
48	
51	
54	
57	
60	

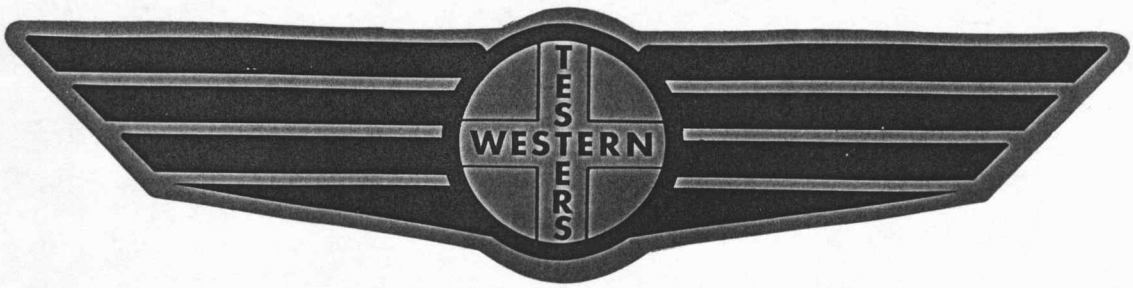
Second Flow Pressure
Breakdown: _____ Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	52
5	29
10	23
15	22
20	21
25	20
30	19
35	20
40	22
45	23
50	24
55	25
60	26
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	26
3	77
6	362
9	548
12	647
15	701
18	739
21	765
24	784
27	801
30	813
33	823
36	829
39	840
42	844
45	851
48	853
51	857
54	859
57	861
60	865

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone **1-800-688-7021**

COMPANY PETROLA DRILLING TRUST LEASE & WELL NO. #1 PERRIER SEC. 25 TWP. 21S RGE. 10E TEST NO. 1 DATE 8/17/93

DST REPORT

GENERAL INFORMATION

DATE	: 8/17/93	TICKET	: 19777
CUSTOMER	: PETROLA DRILLING TRUST	LEASE	: PERRIER
WELL	: #1 TEST: 1	GEOLOGIST	: ASHLOCK?
ELEVATION	: 1215 KB	FORMATION	: VIOLA
SECTION	: 25	TOWNSHIP	: 21S
RANGE	: 10E COUNTY: LYON	STATE	: KS
GAUGE SN#	: 10979 RANGE : 4100	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 2524.00 ft TO: 2534.00 ft TVD: 2534.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 2530.0 ft 2526.0 ft
TEMPERATURE: 107.0

DRILL COLLAR LENGTH:	180.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	2324.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	10.0 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 :	4.5FH
PACKER DEPTH:	2519.0 ft	SIZE:	6.630 in
PACKER DEPTH:	2524.0 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.	: TRI STAR RIG 1		
MUD TYPE	: CHEMICAL	VISCOSITY :	36.00 cp
WEIGHT	: 0.000 ppg	WATER LOSS:	0.000 cc
CHLORIDES	: 0 ppm		
JARS-MAKE	:	SERIAL NUMBER:	
DID WELL FLOW?	: NO	REVERSED OUT?:	NO

COMMENTS

Comment

INITIAL FLOW PERIOD VERY WEAK BLOW - TOP OF BUCKET
FINAL FLOW PERIOD NO BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
20.0	0.0	0.0	0.0	100.0	DRILLING MUD W/ TRACE OF
0.0	0.0	0.0	0.0	0.0	OIL

RATE INFORMATION

OIL VOLUME: 0.0000 STB
GAS VOLUME: 0.0000 SCF
MUD VOLUME: 0.0983 STB
WATER VOLUME: 0.0000 STB
TOTAL FLUID : 0.0983 STB

TOTAL FLOW TIME: 105.0000 min.
AVERAGE OIL RATE: 0.0000 STB/D
AVERAGE WATER RATE: 0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1265.00

Description	Duration	p1	p End
INITIAL FLOW	45.00	10.00	10.00
INITIAL SHUT-IN	45.00		855.00
FINAL FLOW	60.00	30.00	30.00
FINAL SHUT-IN	60.00		865.00

FINAL HYDROSTATIC PRESSURE: 1255.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1262.00

Description	Duration	p1	p End
INITIAL FLOW	45.00	4.00	13.00
INITIAL SHUT-IN	42.00		840.00
FINAL FLOW	60.00	52.00	26.00
FINAL SHUT-IN	60.00		865.00

FINAL HYDROSTATIC PRESSURE: 1240.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 8/17/93	TICKET	: 19777
CUSTOMER	: PETROLA DRILLING TRUST	LEASE	: PERRIER
WELL	: #1 TEST: 1	GEOLOGIST	: ASHLOCK?
ELEVATION	: 1215 KB	FORMATION	: VIOLA
SECTION	: 25	TOWNSHIP	: 21S
RANGE	: 10E COUNTY: LYON	STATE	: KS
GAUGE SN#	: 10979 RANGE : 4100	CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	4.00	4.00
5.00	5.00	1.00
10.00	6.00	1.00
15.00	7.00	1.00
20.00	8.00	1.00
25.00	9.00	1.00
30.00	10.00	1.00
35.00	11.00	1.00
40.00	12.00	1.00
45.00	13.00	1.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	23.00	23.00	0.00
6.00	92.00	69.00	0.00
9.00	381.00	289.00	0.00
12.00	550.00	169.00	0.00
15.00	660.00	110.00	0.00
18.00	712.00	52.00	0.00
21.00	743.00	31.00	0.00
24.00	772.00	29.00	0.00
27.00	786.00	14.00	0.00
30.00	801.00	15.00	0.00
33.00	813.00	12.00	0.00
36.00	825.00	12.00	0.00
39.00	834.00	9.00	0.00
42.00	840.00	6.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	52.00	52.00
5.00	29.00	-23.00
10.00	23.00	-6.00
15.00	22.00	-1.00
20.00	21.00	-1.00
25.00	20.00	-1.00
30.00	19.00	-1.00
35.00	20.00	1.00
40.00	22.00	2.00
45.00	23.00	1.00
50.00	24.00	1.00
55.00	25.00	1.00
60.00	26.00	1.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	77.00	77.00	0.00
6.00	362.00	285.00	0.00
9.00	548.00	186.00	0.00
12.00	647.00	99.00	0.00
15.00	701.00	54.00	0.00
18.00	739.00	38.00	0.00
21.00	765.00	26.00	0.00
24.00	784.00	19.00	0.00
27.00	801.00	17.00	0.00
30.00	813.00	12.00	0.00
33.00	823.00	10.00	0.00
36.00	829.00	6.00	0.00
39.00	840.00	11.00	0.00
42.00	844.00	4.00	0.00
45.00	851.00	7.00	0.00
48.00	853.00	2.00	0.00
51.00	857.00	4.00	0.00
54.00	859.00	2.00	0.00
57.00	861.00	2.00	0.00
60.00	865.00	4.00	0.00

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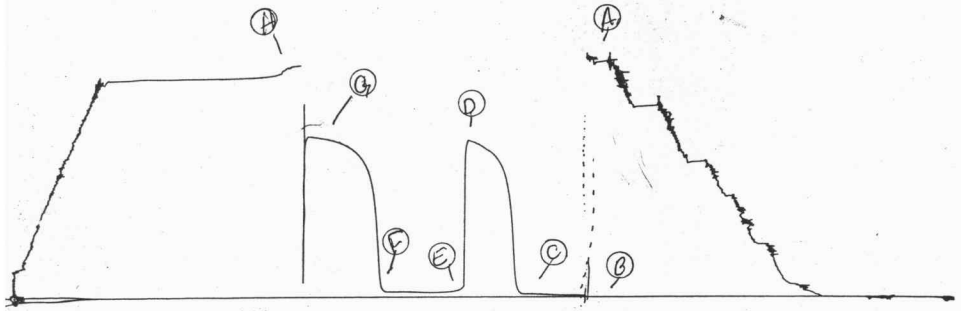

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