



WESTERN TESTING CO., INC. *Noted Key*
FORMATION TESTING
TICKET No. 18907

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

Elevation 1767 KB Formation MISS Eff. Pay _____ Ft.

District Pratt Date 8-8-93 Customer Order No. _____

COMPANY NAME Honey Oil Co
ADDRESS 601 EAST Douglas Suite 505 Wichita Kansas 67202
LEASE AND WELL NO. McComb B-1 COUNTY Stafford STATE Kansas Sec. 25 Twp. 24 Rge. 11
Mail Invoice To Same Co. Name McComb Address _____ No. Copies Requested leg
Mail Charts To Same #1 Co. Name McComb Address _____ No. Copies Requested leg

Formation Test No. 3799 Interval Tested From 3804 ft. to 3830 ft. Total Depth 3960 ft.
Packer Depth 3799 ft. Size 6 5/8 in. Packer Depth 3830 ft. Size 6 5/8 in.
Packer Depth 3804 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3807 ft. Recorder Number 13268 Cap. 4225
Bottom Recorder Depth (Outside) 3810 ft. Recorder Number 13265 Cap. 3775
Below Straddle Recorder Depth 3957 ft. Recorder Number 13759 Cap. 3900

Drilling Contractor Duke Drilling Reg 5 Drill Collar Length 0 I. D. _____ in.
Mud Type Chem Viscosity 45 Weight Pipe Length 0 I. D. _____ in.
Weight 9.3 Water Loss 8.8 cc. Drill Pipe Length 3784 I. D. 3.8 in.
Chlorides 6,500 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
Jars: Make NO Serial Number NO Anchor Length 24 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: Strong blow on initial flow - gas to surface 7 minutes
See flow chart

Recovered _____ ft. of _____
Recovered 120 ft. of Muddy water 25% water 75% mud
Recovered 120 ft. of water 20,000 PPM
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Chlorides _____ P.P.M. Sample Jars used _____ Remarks: 127 ft tail pipe

AUG 10 1993

Time On Location 11:45 AM Time Pick Up Tool 1:20 AM Time Off Location 10:00 AM
Time Set Packer(s) 2:45 PM Time Started Off Bottom 6:45 AM Maximum Temperature 118 °F
Initial Hydrostatic Pressure (A) 1962 P.S.I.
Initial Flow Period Minutes 30 (B) 106 P.S.I. to (C) 106 P.S.I.
Initial Closed In Period Minutes 60 (D) 1276 P.S.I.
Final Flow Period Minutes 60 (E) 181 P.S.I. to (F) 213 P.S.I.
Final Closed In Period Minutes 90 (G) 1255 P.S.I.
Final Hydrostatic Pressure (H) 1909 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 Rod Pitt 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



No 3923

GAS FLOW REPORT

Date 8-8-93 Ticket 18207 Company Honey Oil Co
 Well Name and No. Mc Comp 8-1 Dst No. 1 Interval Tested 3804-3830
 County Stafford State Kansas Sec. 25 Twp. 24 Rg. 11W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
PRE FLOW					
02	-	1/2			GAS TO SURFACE
10	3 PSI	1/2			15,700 C & P.D
20	7 "	1/2			25,000
30	15 4	1/2			39,200

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
SECOND FLOW					
10	20 PSI	1/2			177,000
20	25	1/2			177,000 C & P.D
30	30	1/2			205,000
40	30	1/2			231,000
50	30	1/2			231,000
60	30	1/2			231,000

GAS BOTTLE

Serial No. 635 Date Bottle Filled 8-8-93 Date to be Invoiced _____

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Honey Oil Co.
 Authorized by [Signature]

WESTERN TESTING CO., INC.

Pressure Data

Date 8-8-92

Test Ticket No. 18907

Recorder No. 12260

Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1956</u> P.S.I.	Open Tool		M
B First Initial Flow Pressure	<u>131</u> P.S.I.	First Flow Pressure	Mins. <u>30</u>	Mins.
C First Final Flow Pressure	<u>112</u> P.S.I.	Initial Closed-in Pressure	Mins. <u>60</u>	Mins.
D Initial Closed-in Pressure	<u>1274</u> P.S.I.	Second Flow Pressure	Mins. <u>60</u>	Mins.
E Second Initial Flow Pressure	<u>207</u> P.S.I.	Final Closed-in Pressure	Mins. <u>87</u>	Mins.
F Second Final Flow Pressure	<u>192</u> P.S.I.			
G Final Closed-in Pressure	<u>1241</u> P.S.I.			
H Final Hydrostatic Mud	<u>1900</u> 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 <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>131</u>	0	<u>112</u>	0	<u>2070</u>	0	<u>192</u>
P 2 5	<u>131</u>	3	<u>369</u>	5	<u>192</u>	3	<u>192</u>
P 3 10	<u>118</u>	6	<u>784</u>	10	<u>178</u>	6	<u>952</u>
P 4 15	<u>111</u>	9	<u>989</u>	15	<u>124</u>	9	<u>1010</u>
P 5 20	<u>109</u>	12	<u>1080</u>	20	<u>172</u>	12	<u>1041</u>
P 6 25	<u>109</u>	15	<u>1124</u>	25	<u>5</u>	15	<u>1067</u>
P 7 30	<u>112</u>	18	<u>1152</u>	30	<u>172</u>	18	<u>1092</u>
P 8 35		21	<u>1122</u>	35	<u>175</u>	21	<u>1109</u>
P 9 40		24	<u>1190</u>	40	<u>128</u>	24	<u>1122</u>
P10 45		27	<u>1108</u>	45	<u>182</u>	27	<u>1138</u>
P11 50		30	<u>1119</u>	50	<u>187</u>	30	<u>1149</u>
P12 55		33	<u>1130</u>	55	<u>190</u>	33	<u>1161</u>
P13 60		36	<u>1127</u>	60	<u>192</u>	36	<u>1169</u>
P14 65		39	<u>1245</u>	65		39	<u>1177</u>
P15 70		42	<u>1250</u>	70		42	<u>1185</u>
P16 75		45	<u>1255</u>	75		45	<u>1191</u>
P17 80		48	<u>1259</u>	80		48	<u>1195</u>
P18 85		51	<u>1266</u>	85		51	<u>1202</u>
P19 90		54	<u>1269</u>	90		54	<u>1205</u>
P20 95		57	<u>1272</u>	95		57	<u>1211</u>
100		60	<u>1274</u>	100		60	<u>1214</u>

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 18907

Recorder No. _____ Capacity _____ Location _____ Ft.

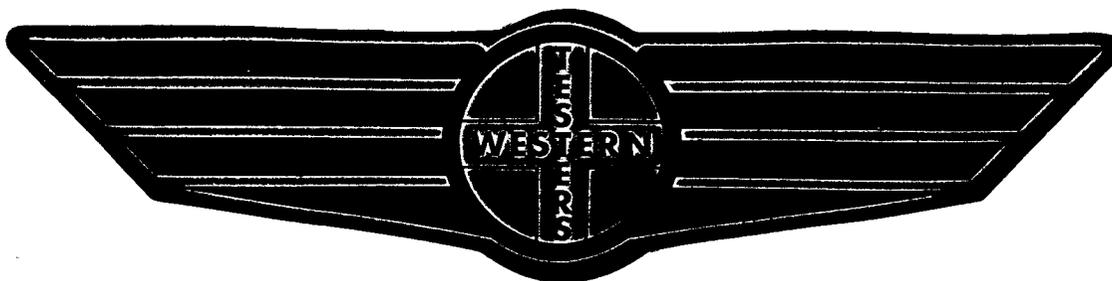
Clock No. _____ Elevation _____ Well Temperature _____ °F

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

Point Mins.	First Flow Pressure	Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 105		63		105		63	118
P 2 110		66		110		66	122
P 3 115		69		115		69	126
P 4 120		72		120		72	129
P 5 125		75		125		75	131
P 6 130		78		130		78	134
P 7 135		81		135		81	138
P 8 140		84		140		84	140
P 9 145		87		145		87	141
P10 150		90		150		90	
P11 155		93		155		93	
P12 160		96		160		96	
P13 165		99		165		99	
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

DST REPORT

GENERAL INFORMATION

DATE	: 8/8/93	TICKET	: 18907
CUSTOMER	: HONEY OIL COMPANY	LEASE	: MCCOMB B
WELL	: #1	TEST:	1
ELEVATION	: 1767 KB	GEOLOGIST	: WILLIAMS
SECTION	: 25	FORMATION	: MISSISSIPPI
RANGE	: 11W	COUNTY	: STAFFORD
GAUGE SN#	: 13268	RANGE	: 4225
		STATE	: KS
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	3804.00 ft	TO:	3830.00 ft	TVD:	3960.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	GAS
DEPTH OF RECORDERS:	3807.0 ft		3810.0 ft		
TEMPERATURE:	118.0				
DRILL COLLAR LENGTH:	0.0 ft	I.D.:		0.000 in	
WEIGHT PIPE LENGTH:	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH:	3784.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH:	20.0 ft	TOOL SIZE:		5.500 in	
ANCHOR LENGTH:	26.0 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:	3799.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	3804.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	3830.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON.:	DUKE DRLG RIG 5	VISCOSITY:	45.00 cp
MUD TYPE:	CHEMICAL	WATER LOSS:	8.800 cc
WEIGHT:	9.300 ppg	SERIAL NUMBER:	
CHLORIDES:	6500 ppm	REVERSED OUT?:	NO
JARS-MAKE:			
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW - GAS TO SURFACE
IN 7 MINUTES. SEE GAS SHEET ATTACHED.
127 FT TAIL PIPE.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
120.0	0.0	0.0	25.0	75.0	MUDDY WATER
120.0	0.0	0.0	100.0	0.0	WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 20000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	90.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	1.2624	STB	AVERAGE WATER RATE:	53.8612	STB/D
WATER VOLUME:	2.1040	STB			
TOTAL FLUID :	3.3663	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1962.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	106.00	106.00
INITIAL SHUT-IN	60.00		1276.00
FINAL FLOW	60.00	181.00	213.00
FINAL SHUT-IN	90.00		1255.00

FINAL HYDROSTATIC PRESSURE: 1909.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1956.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	131.00	112.00
INITIAL SHUT-IN	60.00		1274.00
FINAL FLOW	60.00	207.00	193.00
FINAL SHUT-IN	87.00		1241.00

FINAL HYDROSTATIC PRESSURE: 1900.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 8/8/93	TICKET : 18907
CUSTOMER : HONEY OIL COMPANY	LEASE : MCCOMB B
WELL : #1 TEST: 1	GEOLOGIST: WILLIAMS
ELEVATION: 1767 KB	FORMATION: MISSISSIPPI
SECTION : 25	TOWNSHIP : 24S
RANGE : 11W COUNTY: STAFFORD	STATE : KS
GAUGE SN#: 13268 RANGE : 4225	CLOCK : 12

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	0.250	3 PSIG	15700 SCF/D
20 MIN	MERLA	0.250	7 PSIG	25000 SCF/D
30 MIN	MERLA	0.250	15 PSIG	39200 SCF/D

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	0.500	20 PSIG	177000 SCF/D
20 MIN	MERLA	0.500	25 PSIG	205000 SCF/D
30 MIN	MERLA	0.500	30 PSIG	231000 SCF/D
40 MIN	MERLA	0.500	30 PSIG	231000 SCF/D
50 MIN	MERLA	0.500	30 PSIG	231000 SCF/D
60 MIN	MERLA	0.500	30 PSIG	231000 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 8/8/93	TICKET	: 18907
CUSTOMER	: HONEY OIL COMPANY	LEASE	: MCCOMB B
WELL	: #1	TEST:	1
ELEVATION:	1767 KB	GEOLOGIST:	WILLIAMS
SECTION	: 25	FORMATION:	MISSISSIPPI
RANGE	: 11W	TOWNSHIP	: 24S
GAUGE SN#:	13268	STATE	: KS
		CLOCK	: 12
		COUNTY:	STAFFORD
		RANGE	: 4225

INITIAL FLOW

<u>Time</u> <u>(min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	131.00	131.00
5.00	131.00	0.00
10.00	118.00	-13.00
15.00	111.00	-7.00
20.00	109.00	-2.00
25.00	109.00	0.00
30.00	112.00	3.00

INITIAL SHUT IN

<u>Time</u> <u>(min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	369.00	369.00	0.00
6.00	784.00	415.00	0.00
9.00	989.00	205.00	0.00
12.00	1080.00	91.00	0.00
15.00	1124.00	44.00	0.00
18.00	1153.00	29.00	0.00
21.00	1173.00	20.00	0.00
24.00	1190.00	17.00	0.00
27.00	1208.00	18.00	0.00
30.00	1219.00	11.00	0.00
33.00	1230.00	11.00	0.00
36.00	1237.00	7.00	0.00
39.00	1245.00	8.00	0.00
42.00	1250.00	5.00	0.00
45.00	1255.00	5.00	0.00
48.00	1259.00	4.00	0.00
51.00	1266.00	7.00	0.00
54.00	1269.00	3.00	0.00
57.00	1272.00	3.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	1274.00	2.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	207.00	207.00
5.00	192.00	-15.00
10.00	178.00	-14.00
15.00	174.00	-4.00
20.00	173.00	-1.00
25.00	173.00	0.00
30.00	173.00	0.00
35.00	175.00	2.00
40.00	178.00	3.00
45.00	183.00	5.00
50.00	187.00	4.00
55.00	190.00	3.00
60.00	193.00	3.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	793.00	793.00	0.00
6.00	952.00	159.00	0.00
9.00	1010.00	58.00	0.00
12.00	1041.00	31.00	0.00
15.00	1067.00	26.00	0.00
18.00	1092.00	25.00	0.00
21.00	1109.00	17.00	0.00
24.00	1123.00	14.00	0.00
27.00	1138.00	15.00	0.00
30.00	1149.00	11.00	0.00
33.00	1161.00	12.00	0.00
36.00	1169.00	8.00	0.00
39.00	1177.00	8.00	0.00
42.00	1185.00	8.00	0.00
45.00	1191.00	6.00	0.00
48.00	1195.00	4.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

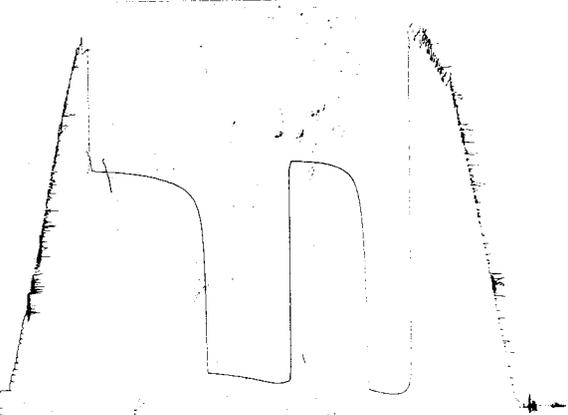
FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
51.00	1202.00	7.00	0.00
54.00	1205.00	3.00	0.00
57.00	1211.00	6.00	0.00
60.00	1214.00	3.00	0.00
63.00	1218.00	4.00	0.00
66.00	1223.00	5.00	0.00
69.00	1226.00	3.00	0.00
72.00	1229.00	3.00	0.00
75.00	1231.00	2.00	0.00
78.00	1234.00	3.00	0.00
81.00	1238.00	4.00	0.00
84.00	1240.00	2.00	0.00
87.00	1241.00	1.00	0.00

13265 DST#1

KT 18907

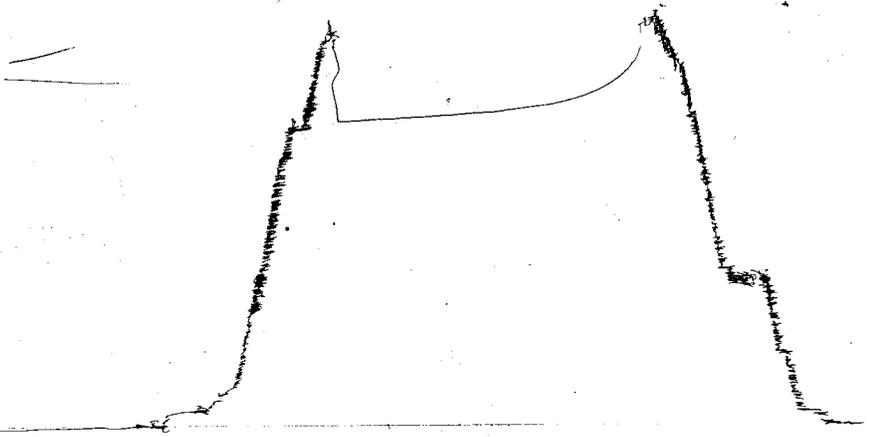
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13259 DST#1

KT 18907

Below Straddle



13268- DSA #1



JK+18907

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