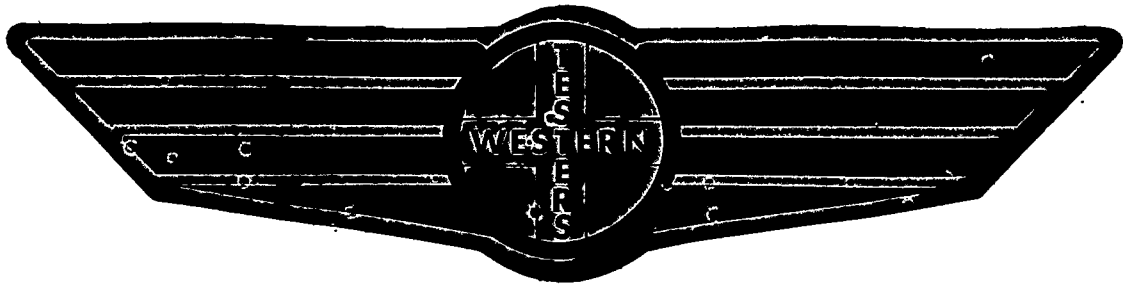


# FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone ~~313-800-688~~-7021

COMPANY REYNOLDS & REXWINKLE OIL CO. LEASE & WELL NO. #1 REINERT SEC. 15 TWP. 20S RGE. 23W TEST NO. 1 DATE 12/19/94

DST REPORT

GENERAL INFORMATION

DATE : 12/19/94  
CUSTOMER : REYNOLDS-REXWINKLE OIL  
WELL : #1 TEST: 1  
ELEVATION: 2275 KB  
SECTION : 15  
RANGE : 23W COUNTY: NESS  
GAUGE SN#: 10270 RANGE : 4150  
TICKET : 20670  
LEASE : REINERT  
GEOLOGIST: REYNOLDS  
FORMATION: N/A  
TOWNSHIP : 20S  
STATE : KS  
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4274.00 ft TO: 4315.00 ft TVD: 4315.0 ft  
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL  
DEPTH OF RECORDERS: 4277.0 ft 4280.0 ft  
TEMPERATURE: 112.0  
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 : 4247.0 ft I.D.: 3.800 in  
TEST TOOL LENGTH : 27.0 ft TOOL SIZE : 5.500 in  
ANCHOR LENGTH : 41.0 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: 4269.0 ft SIZE: 6.630 in  
PACKER DEPTH: 4274.0 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. : ALLEN RIG 3  
MUD TYPE : CHEMICAL VISCOSITY : 53.00 cp  
WEIGHT : 9.400 ppg WATER LOSS: 10.400 cc  
CHLORIDES : 5500 ppm  
JARS-MAKE : WTC SERIAL NUMBER: 421  
DID WELL FLOW?: NO REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK SURFACE BLOW - DIED IN 20 MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
5.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	30.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.0701	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.0701	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2160.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	41.00	41.00
INITIAL SHUT-IN	30.00		759.00
FINAL FLOW	0.00	0.00	0.00
FINAL SHUT-IN	0.00		0.00

FINAL HYDROSTATIC PRESSURE: 2118.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2171.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	56.00	56.00
INITIAL SHUT-IN	33.00		767.00
FINAL FLOW	0.00	0.00	0.00

FINAL HYDROSTATIC PRESSURE: 2129.00

**PRESSURE TRANSIENT REPORT**

**GENERAL INFORMATION**

DATE : 12/19/94	TICKET : 20670
CUSTOMER : REYNOLDS-REXWINKLE OIL	LEASE : REINERT
WELL : #1 TEST: 1	GEOLOGIST: REYNOLDS
ELEVATION: 2275 KB	FORMATION: N/A
SECTION : 15	TOWNSHIP : 20S
RANGE : 23W COUNTY: NESS	STATE : KS
GAUGE SN#: 10270 RANGE : 4150	CLOCK : 12

**INITIAL FLOW**

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	56.00	56.00
5.00	56.00	0.00
10.00	56.00	0.00
15.00	56.00	0.00
20.00	56.00	0.00
25.00	56.00	0.00
30.00	56.00	0.00

**INITIAL SHUT IN**

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	56.00	56.00	0.00
6.00	56.00	0.00	0.00
9.00	56.00	0.00	0.00
12.00	62.00	6.00	0.00
15.00	98.00	36.00	0.00
18.00	172.00	74.00	0.00
21.00	300.00	128.00	0.00
24.00	427.00	127.00	0.00
27.00	550.00	123.00	0.00
30.00	641.00	91.00	0.00
33.00	767.00	126.00	0.00

**FINAL FLOW**

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
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PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	0.00	0.00

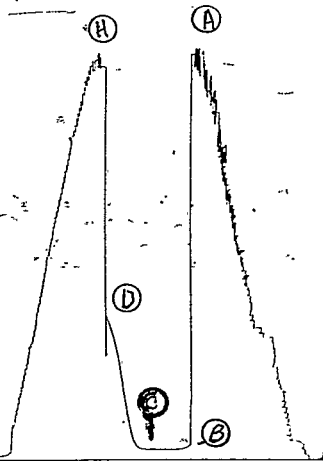
FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
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Ticket # 20670

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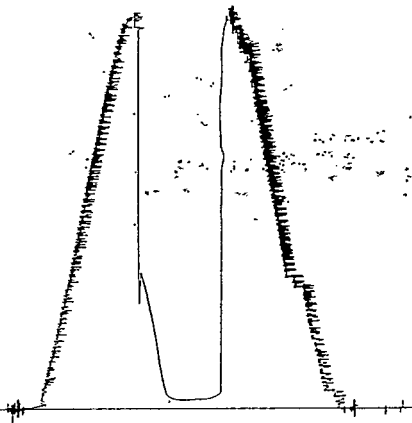
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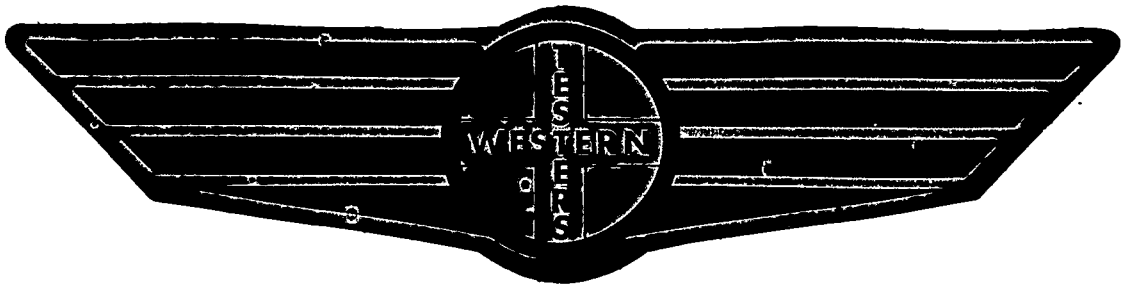
Ticket # 20670

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OST# 13550

# FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 913-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE : 12/20/94	TICKET : 20671
CUSTOMER : REYNOLDS-REXWINKLE OIL	LEASE : REINERT
WELL : #1                      TEST: 2	GEOLOGIST: REYNOLDS
ELEVATION: 2275 KB	FORMATION: CHEROKEE
SECTION : 15	TOWNSHIP : 20S
RANGE : 23W                    COUNTY: NESS	STATE : KS
GAUGE SN#: 10270              RANGE : 4150	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4337.00 ft	TO: 4378.00 ft	TVD: 4378.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 4340.0 ft	4343.0 ft	
TEMPERATURE: 113.0		

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 : 4310.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH : 27.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH : 41.0 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: 4332.0 ft	SIZE:	6.630 in
PACKER DEPTH: 4337.0 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. : ALLEN RIG 3	VISCOSITY : 47.00 cp
MUD TYPE : CHEMICAL	WATER LOSS: 10.400 cc
WEIGHT : 9.100 ppg	
CHLORIDES : 5500 ppm	SERIAL NUMBER: 421
JARS-MAKE : WTC	REVERSED OUT?: NO
DID WELL FLOW?: NO	

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK BLOW - DIED IN 15 MINUTES  
FLUSHED TOOL.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
5.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB	
GAS VOLUME:	0.0000	SCF	
MUD VOLUME:	0.0701	STB	
WATER VOLUME:	0.0000	STB	
TOTAL FLUID :	0.0701	STB	
			TOTAL FLOW TIME: 30.0000 min.
			AVERAGE OIL RATE: 0.0000 STB/D
			AVERAGE WATER RATE: 0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2160.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	31.00	31.00
INITIAL SHUT-IN	30.00		31.00
FINAL FLOW	0.00	0.00	0.00
FINAL SHUT-IN	0.00		0.00

FINAL HYDROSTATIC PRESSURE: 2149.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2163.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	30.00	30.00
INITIAL SHUT-IN	30.00		30.00
FINAL FLOW	0.00	0.00	0.00

FINAL HYDROSTATIC PRESSURE: 2147.00

**PRESSURE TRANSIENT REPORT**

**GENERAL INFORMATION**

DATE : 12/20/94	TICKET : 20671
CUSTOMER : REYNOLDS-REXWINKLE OIL	LEASE : REINERT
WELL : #1 TEST: 2	GEOLOGIST: REYNOLDS
ELEVATION: 2275 KB	FORMATION: CHEROKEE
SECTION : 15	TOWNSHIP : 20S
RANGE : 23W COUNTY: NESS	STATE : KS
GAUGE SN#: 10270 RANGE : 4150	CLOCK : 12

**INITIAL FLOW**

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	30.00	30.00
5.00	30.00	0.00
10.00	30.00	0.00
15.00	1496.00	1466.00
20.00	30.00	-1466.00
25.00	30.00	0.00
30.00	30.00	0.00

**INITIAL SHUT IN**

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	30.00	30.00	0.00
6.00	30.00	0.00	0.00
9.00	30.00	0.00	0.00
12.00	30.00	0.00	0.00
15.00	30.00	0.00	0.00
18.00	30.00	0.00	0.00
21.00	30.00	0.00	0.00
24.00	30.00	0.00	0.00
27.00	30.00	0.00	0.00
30.00	30.00	0.00	0.00

**FINAL FLOW**

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	0.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN

Time  
(min)

Pressure

Delta P

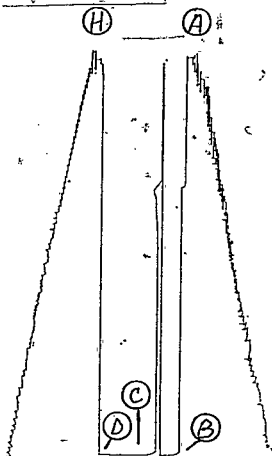
Horner T

No Data Entered

Ticket # 20671

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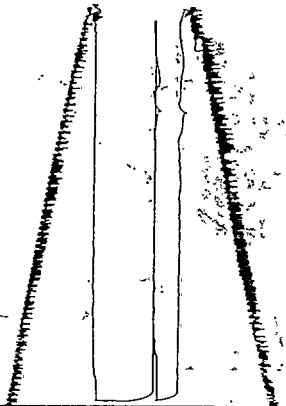


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