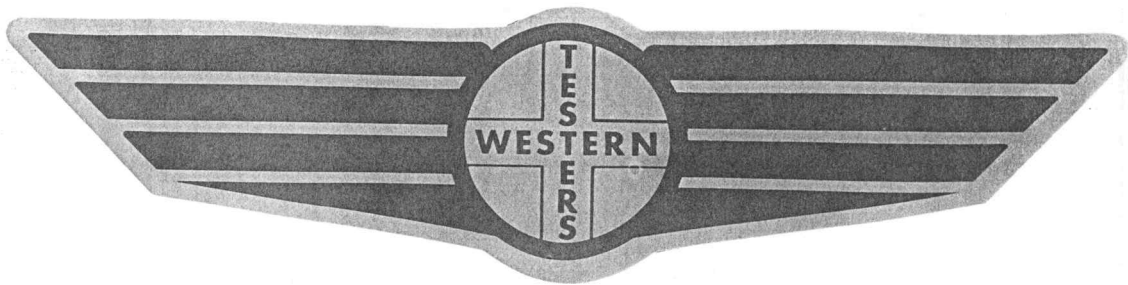


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE	: 6/22/94	TICKET	: 20473
CUSTOMER	: IANNITTI OIL COMPANY	LEASE	: IANNITTI
WELL	: #8	TEST:	1
ELEVATION:	2124 KB	GEOLOGIST:	MORGENSTEEN
SECTION	: 19	FORMATION:	ARBUCKLE
RANGE	: 15W	COUNTY:	BARTON
GAUGE SN#:	10270	STATE	: KS
		RANGE	: 4150
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	3844.00 ft	TO:	3853.00 ft	TVD:	3853.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	GAS
DEPTH OF RECORDERS:	3847.0 ft		3850.0 ft		
TEMPERATURE:	117.0				
DRILL COLLAR LENGTH:	0.0 ft	I.D.:		0.000 in	
WEIGHT PIPE LENGTH :	370.0 ft	I.D.:		2.700 in	
DRILL PIPE LENGTH :	3454.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	9.0 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:	3839.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	3844.0 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. :	EMPHASIS DRLG RIG 5	VISCOSITY :	46.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	12.000 cc
WEIGHT :	9.300 ppg	SERIAL NUMBER:	
CHLORIDES :	6000 ppm	REVERSED OUT?:	NO
JARS-MAKE :			
DID WELL FLOW?:	YES		

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW - GAS TO SURFACE IN 4 MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
125.0	100.0	0.0	0.0	0.0	CLEAN OIL
95.0	28.0	20.0	10.0	42.0	HEAVY OIL & GAS CUT MUD
30.0	2.0	0.0	98.0	0.0	SLIGHTLY OIL CUT WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 30000 PPM

RATE INFORMATION

OIL VOLUME:	1.0778 STB	TOTAL FLOW TIME:	60.0000 min.
GAS VOLUME:	0.7555 SCF	AVERAGE OIL RATE:	30.8626 STB/D
MUD VOLUME:	0.2825 STB	AVERAGE WATER RATE:	8.3954 STB/D
WATER VOLUME:	0.2755 STB		
TOTAL FLUID :	1.6358 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1890.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	72.00	83.00
INITIAL SHUT-IN	30.00		603.00
FINAL FLOW	30.00	104.00	104.00
FINAL SHUT-IN	30.00		593.00

FINAL HYDROSTATIC PRESSURE: 1869.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2041.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	79.00	87.00
INITIAL SHUT-IN	30.00		607.00
FINAL FLOW	30.00	108.00	112.00
FINAL SHUT-IN	33.00		589.00

FINAL HYDROSTATIC PRESSURE: 1908.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 6/22/94	TICKET : 20473
CUSTOMER : IANNITTI OIL COMPANY	LEASE : IANNITTI
WELL : #8 TEST: 1	GEOLOGIST: MORGENSTEEN
ELEVATION: 2124 KB	FORMATION: ARBUCKLE
SECTION : 19	TOWNSHIP : 20S
RANGE : 15W COUNTY: BARTON	STATE : KS
GAUGE SN#: 10270 RANGE : 4150	CLOCK : 12

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
5 MIN	MERLA	1.000	20" WATER	115000 SCF/D
15 MIN	MERLA	1.000	24" WATER	126000 SCF/D
25 MIN	MERLA	1.000	26" WATER	132000 SCF/D

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
5 MIN	MERLA	1.000	40" WATER	163000 SCF/D
10 MIN	MERLA	1.000	32" WATER	146000 SCF/D
15 MIN	MERLA	1.000	30" WATER	141000 SCF/D
20 MIN	MERLA	1.000	30" WATER	141000 SCF/D
25 MIN	MERLA	1.000	28" WATER	137000 SCF/D
30 MIN	MERLA	1.000	26" WATER	132000 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 6/22/94	TICKET : 20473
CUSTOMER : IANNITTI OIL COMPANY	LEASE : IANNITTI
WELL : #8	TEST: 1
ELEVATION: 2124 KB	GEOLOGIST: MORGENSTEEN
SECTION : 19	FORMATION: ARBUCKLE
RANGE : 15W	TOWNSHIP : 20S
COUNTY: BARTON	STATE : KS
GAUGE SN#: 10270	RANGE : 4150
	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	79.00	79.00
5.00	79.00	0.00
10.00	79.00	0.00
15.00	81.00	2.00
20.00	83.00	2.00
25.00	85.00	2.00
30.00	87.00	2.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	493.00	493.00	11.00
6.00	541.00	48.00	6.00
9.00	566.00	25.00	4.33
12.00	581.00	15.00	3.50
15.00	591.00	10.00	3.00
18.00	595.00	4.00	2.67
21.00	599.00	4.00	2.43
24.00	603.00	4.00	2.25
27.00	605.00	2.00	2.11
30.00	607.00	2.00	2.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	108.00	108.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
5.00	108.00	0.00
10.00	108.00	0.00
15.00	108.00	0.00
20.00	109.00	1.00
25.00	110.00	1.00
30.00	112.00	2.00

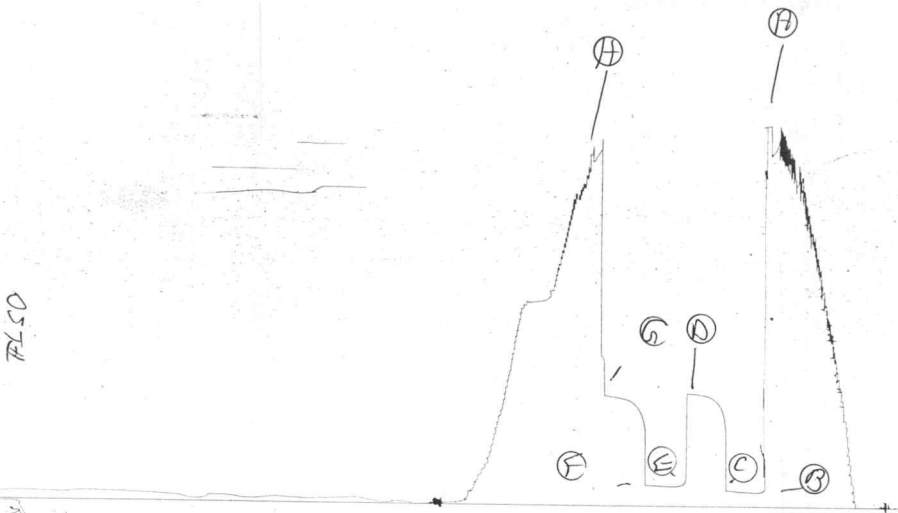
FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	479.00	479.00	11.00
6.00	516.00	37.00	6.00
9.00	545.00	29.00	4.33
12.00	561.00	16.00	3.50
15.00	568.00	7.00	3.00
18.00	575.00	7.00	2.67
21.00	579.00	4.00	2.43
24.00	582.00	3.00	2.25
27.00	585.00	3.00	2.11
30.00	587.00	2.00	2.00
33.00	589.00	2.00	1.91

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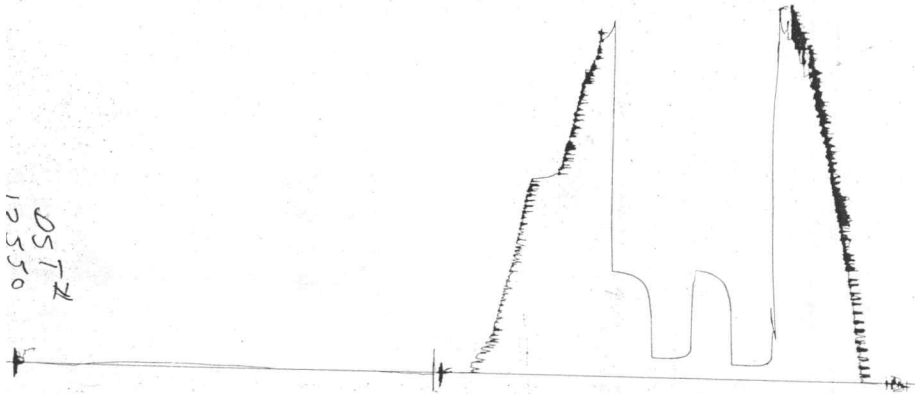
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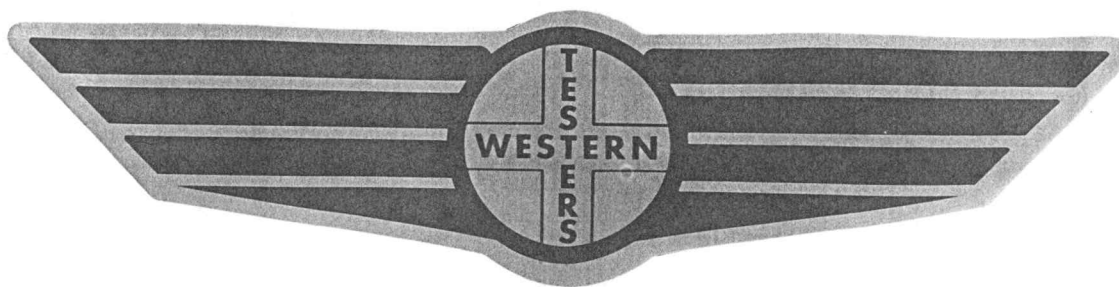
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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

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DST REPORT

GENERAL INFORMATION

DATE : 6/22/94	TICKET : 20474
CUSTOMER : IANNITTI OIL COMPANY	LEASE : IANNITTI
WELL : #8 TEST: 2	GEOLOGIST: MORGENSTEEN
ELEVATION: 2124 KB	FORMATION: ARBUCKLE
SECTION : 19	TOWNSHIP : 20S
RANGE : 15W COUNTY: BARTON	STATE : KS
GAUGE SN#: 10270 RANGE : 4150	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 3852.00 ft	TO: 3857.00 ft	TVD: 3857.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 3840.0 ft	3849.0 ft	
TEMPERATURE: 118.0		
DRILL COLLAR LENGTH: 0.0 ft	I.D.:	0.000 in
WEIGHT PIPE LENGTH : 370.0 ft	I.D.:	2.700 in
DRILL PIPE LENGTH : 3457.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH : 25.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH : 5.0 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: 3847.0 ft	SIZE:	6.630 in
PACKER DEPTH: 3852.0 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. : EMPHASIS DRLG RIG 5	
MUD TYPE : CHEMICAL	VISCOSITY : 45.00 cp
WEIGHT : 9.200 ppg	WATER LOSS: 13.800 cc
CHLORIDES : 7600 ppm	
JARS-MAKE :	SERIAL NUMBER:
DID WELL FLOW?: YES	REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW THROUGHOUT. FINAL FLOW PERIOD STRONG BLOW - GAS TO SURFACE TOO WEAK TO GAUGE.

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

GAS SURFACED 20 MIN. INTO INITIAL SHUT-IN.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
120.0	35.0	10.0	8.0	47.0	HEAVY OIL & GAS CUT MUD
60.0	7.0	0.0	93.0	0.0	OIL CUT MUDDY WATER
540.0	0.0	0.0	100.0	0.0	WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 30000 PPM

RATE INFORMATION

OIL VOLUME:	0.6480 STB		
GAS VOLUME:	0.9451 SCF	TOTAL FLOW TIME:	60.0000 min.
MUD VOLUME:	0.7911 STB	AVERAGE OIL RATE:	31.0062 STB/D
WATER VOLUME:	5.9218 STB	AVERAGE WATER RATE:	145.6564 STB/D
TOTAL FLUID :	7.3609 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1879.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	72.00	197.00
INITIAL SHUT-IN	30.00		634.00
FINAL FLOW	30.00	249.00	302.00
FINAL SHUT-IN	30.00		614.00

FINAL HYDROSTATIC PRESSURE: 1848.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1928.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	93.00	219.00
INITIAL SHUT-IN	30.00		638.00
FINAL FLOW	30.00	264.00	319.00
FINAL SHUT-IN	33.00		632.00

FINAL HYDROSTATIC PRESSURE: 1885.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 6/22/94	TICKET : 20474
CUSTOMER : IANNITTI OIL COMPANY	LEASE : IANNITTI
WELL : #8	TEST: 2
ELEVATION: 2124 KB	GEOLOGIST: MORGENSTEEN
SECTION : 19	FORMATION: ARBUCKLE
RANGE : 15W	TOWNSHIP : 20S
COUNTY: BARTON	STATE : KS
GAUGE SN#: 10270	RANGE : 4150
	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	93.00	93.00
5.00	96.00	3.00
10.00	128.00	32.00
15.00	155.00	27.00
20.00	183.00	28.00
25.00	205.00	22.00
30.00	219.00	14.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	595.00	595.00	11.00
6.00	616.00	21.00	6.00
9.00	626.00	10.00	4.33
12.00	633.00	7.00	3.50
15.00	635.00	2.00	3.00
18.00	636.00	1.00	2.67
21.00	637.00	1.00	2.43
24.00	638.00	1.00	2.25
27.00	638.00	0.00	2.11
30.00	638.00	0.00	2.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	264.00	264.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
5.00	264.00	0.00
10.00	264.00	0.00
15.00	274.00	10.00
20.00	289.00	15.00
25.00	305.00	16.00
30.00	319.00	14.00

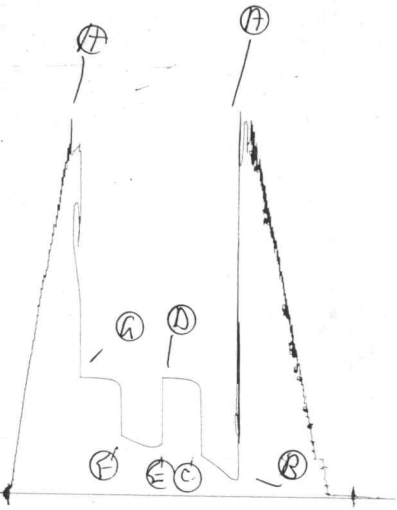
FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	597.00	597.00	11.00
6.00	614.00	17.00	6.00
9.00	622.00	8.00	4.33
12.00	627.00	5.00	3.50
15.00	629.00	2.00	3.00
18.00	630.00	1.00	2.67
21.00	631.00	1.00	2.43
24.00	632.00	1.00	2.25
27.00	632.00	0.00	2.11
30.00	632.00	0.00	2.00
33.00	632.00	0.00	1.91

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