

DST REPORT

GENERAL INFORMATION

DATE : 3/21/95	TICKET : 20715
CUSTOMER : REYNOLDS-REXWINKLE OIL CO	LEASE : MUNSELL
WELL : #1 TEST: 1	GEOLOGIST: REYNOLDS
ELEVATION: 2700 GL	FORMATION: LANSING
SECTION : 31	TOWNSHIP : 16S
RANGE : 27W COUNTY: LANE	STATE : KS
GAUGE SN#: 10270 RANGE : 4150	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4133.00 ft	TO: 4295.00 ft	TVD: 4295.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 4128.0 ft	4133.0 ft	
TEMPERATURE: 117.0		

DRILL COLLAR LENGTH: 240.0 ft	I.D.:	2.200 in
WEIGHT PIPE LENGTH : 0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH : 3866.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH : 27.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH : 162.0 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 :	4.5 X.H.
PACKER DEPTH: 4128.0 ft	SIZE:	6.630 in
PACKER DEPTH: 4133.0 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. : MALLARD DRILLING	
MUD TYPE : CHEMICAL	VISCOSITY : 49.00 cp
WEIGHT : 9.200 ppg	WATER LOSS: 6.200 cc
CHLORIDES : 3000 ppm	
JARS-MAKE : W.T.C.	SERIAL NUMBER: 422
DID WELL FLOW?: NO	REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW: WEAK BUILDING TO A FAIR BLOW - 1/2
 INCH TO 6 INCH BLOW.
 FINAL FLOW: WEAK BLOW THROUGHOUT - 1/2 INCH TO

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

1-1/2 INCH BLOW.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
135.0	1.0	2.0	0.0	97.0	SLI OIL AND GAS CUT MUD
120.0	0.0	0.0	15.0	85.0	WATER CUT MUD-SHOW OF OIL
180.0	0.0	0.0	60.0	40.0	MUDDY WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES - 23,000 ppm

RATE INFORMATION

OIL VOLUME:	0.0189 STB	
GAS VOLUME:	0.2126 SCF	TOTAL FLOW TIME: 105.0000 min.
MUD VOLUME:	3.1304 STB	AVERAGE OIL RATE: 25.4494 STB/D
WATER VOLUME:	0.6763 STB	AVERAGE WATER RATE: 27.0159 STB/D
TOTAL FLUID :	3.8256 STB	

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2118.00

Description	Duration	p1	p End
INITIAL FLOW	45.00	124.00	239.00
INITIAL SHUT-IN	45.00		749.00
FINAL FLOW	60.00	249.00	291.00
FINAL SHUT-IN	60.00		738.00

FINAL HYDROSTATIC PRESSURE: 2045.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2150.00

Description	Duration	p1	p End
INITIAL FLOW	45.00	130.00	243.00
INITIAL SHUT-IN	45.00		746.00
FINAL FLOW	60.00	260.00	298.00
FINAL SHUT-IN	60.00		734.00
FINAL HYDROSTATIC PRESSURE:	2066.00		

PRESSURE TRANSIENT REPORT

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WELL : #1 TEST: 1	GEOLOGIST: REYNOLDS
ELEVATION: 2700 GL	FORMATION: LANSING
SECTION : 31	TOWNSHIP : 16S
RANGE : 27W COUNTY: LANE	STATE : KS
GAUGE SN#: 10270 RANGE : 4150	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	130.00	130.00
5.00	133.00	3.00
10.00	155.00	22.00
15.00	182.00	27.00
20.00	205.00	23.00
25.00	219.00	14.00
30.00	227.00	8.00
35.00	233.00	6.00
40.00	238.00	5.00
45.00	243.00	5.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	605.00	605.00	16.00
6.00	647.00	42.00	8.50
9.00	666.00	19.00	6.00
12.00	684.00	18.00	4.75
15.00	696.00	12.00	4.00
18.00	706.00	10.00	3.50
21.00	716.00	10.00	3.14
24.00	721.00	5.00	2.88
27.00	726.00	5.00	2.67
30.00	731.00	5.00	2.50
33.00	736.00	5.00	2.36
36.00	739.00	3.00	2.25
39.00	741.00	2.00	2.15
42.00	744.00	3.00	2.07
45.00	746.00	2.00	2.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	260.00	260.00
5.00	260.00	0.00
10.00	260.00	0.00
15.00	260.00	0.00
20.00	261.00	1.00
25.00	267.00	6.00
30.00	272.00	5.00
35.00	277.00	5.00
40.00	281.00	4.00
45.00	286.00	5.00
50.00	291.00	5.00
55.00	294.00	3.00
60.00	298.00	4.00

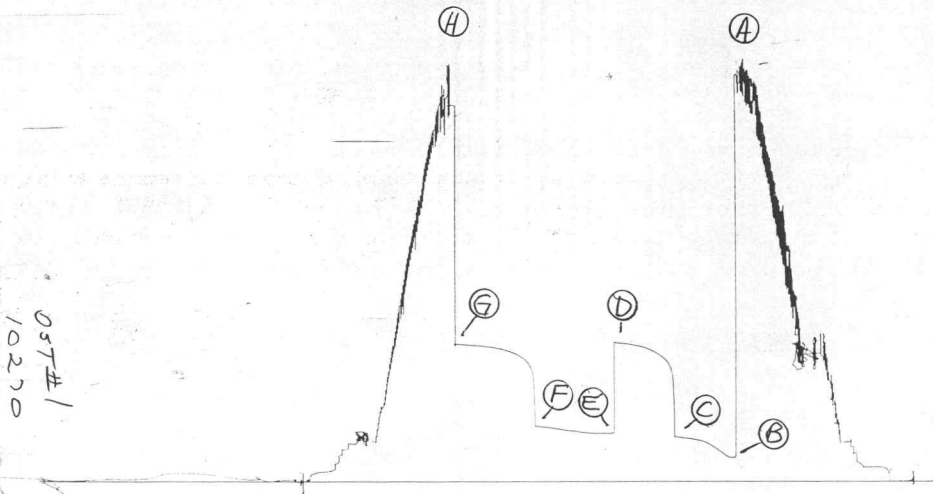
FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	602.00	602.00	21.00
6.00	640.00	38.00	11.00
9.00	658.00	18.00	7.67
12.00	672.00	14.00	6.00
15.00	685.00	13.00	5.00
18.00	694.00	9.00	4.33
21.00	701.00	7.00	3.86
24.00	707.00	6.00	3.50
27.00	713.00	6.00	3.22
30.00	717.00	4.00	3.00
33.00	721.00	4.00	2.82
36.00	721.00	0.00	2.67
39.00	726.00	5.00	2.54
42.00	727.00	1.00	2.43
45.00	729.00	2.00	2.33
48.00	730.00	1.00	2.25
51.00	731.00	1.00	2.18
54.00	732.00	1.00	2.11
57.00	733.00	1.00	2.05
60.00	734.00	1.00	2.00

Ticket # 20715

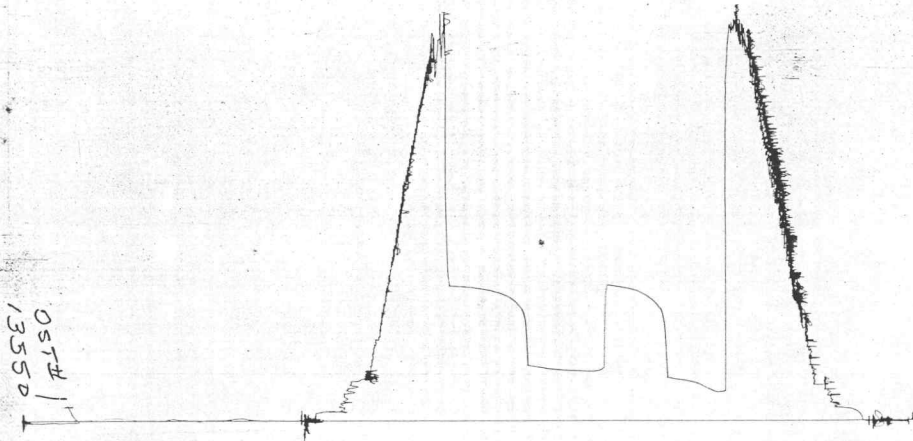
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Ticket # 20715

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DST REPORT

GENERAL INFORMATION

DATE : 3/22/95
CUSTOMER : REYNOLDS-REXWINKLE OIL CO
WELL : #1 TEST: 2
ELEVATION: 2700 GL
SECTION : 31
RANGE : 27W COUNTY: LANE
GAUGE SN#: 10270 RANGE : 4150
TICKET : 20716
LEASE : MUNSELL
GEOLOGIST: REYNOLDS
FORMATION: FORT SCOTT
TOWNSHIP : 16S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4467.00 ft TO: 4510.00 ft TVD: 4510.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4502.0 ft 4505.0 ft
TEMPERATURE: 119.0
DRILL COLLAR LENGTH: 240.0 ft I.D.: 2.200 in
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in
DRILL PIPE LENGTH : 4200.0 ft I.D.: 3.800 in
TEST TOOL LENGTH : 27.0 ft TOOL SIZE : 5.500 in
ANCHOR LENGTH : 43.0 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 : 4.5 X.H.
PACKER DEPTH: 4462.0 ft SIZE: 6.630 in
PACKER DEPTH: 4467.0 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. : MALLARD DRILLING
MUD TYPE : CHEMICAL VISCOSITY : 49.00 cp
WEIGHT : 9.200 ppg WATER LOSS: 8.800 cc
CHLORIDES : 3000 ppm
JARS-MAKE : W.T.C. SERIAL NUMBER: 422
DID WELL FLOW?: NO REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW: WEAK SURFACE BLOW THROUGHOUT.
TEST WAS ENDED AFTER INITIAL SHUT-IN.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
10.0	25.0	0.0	0.0	75.0	HEAVY OIL CUT MUD

RATE INFORMATION

OIL VOLUME:	0.0118 STB		TOTAL FLOW TIME:	30.0000 min.
GAS VOLUME:	0.0000 SCF		AVERAGE OIL RATE:	2.2567 STB/D
MUD VOLUME:	0.0353 STB		AVERAGE WATER RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB			
TOTAL FLUID :	0.0470 STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2243.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	41.00	41.00
INITIAL SHUT-IN	30.00		966.00
FINAL FLOW	0.00	0.00	0.00
FINAL SHUT-IN	0.00		0.00

FINAL HYDROSTATIC PRESSURE: 2212.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2312.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	55.00	59.00
INITIAL SHUT-IN	27.00		993.00
FINAL FLOW	0.00	0.00	0.00

FINAL HYDROSTATIC PRESSURE: 2226.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 3/22/95	TICKET : 20716
CUSTOMER : REYNOLDS-REXWINKLE OIL CO	LEASE : MUNSELL
WELL : #1 TEST: 2	GEOLOGIST: REYNOLDS
ELEVATION: 2700 GL	FORMATION: FORT SCOTT
SECTION : 31	TOWNSHIP : 16S
RANGE : 27W COUNTY: LANE	STATE : KS
GAUGE SN#: 10270 RANGE : 4150	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	55.00	55.00
5.00	55.00	0.00
10.00	55.00	0.00
15.00	57.00	2.00
20.00	59.00	2.00
25.00	59.00	0.00
30.00	59.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	74.00	74.00	11.00
6.00	101.00	27.00	6.00
9.00	139.00	38.00	4.33
12.00	199.00	60.00	3.50
15.00	297.00	98.00	3.00
18.00	443.00	146.00	2.67
21.00	645.00	202.00	2.43
24.00	837.00	192.00	2.25
27.00	993.00	156.00	2.11

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

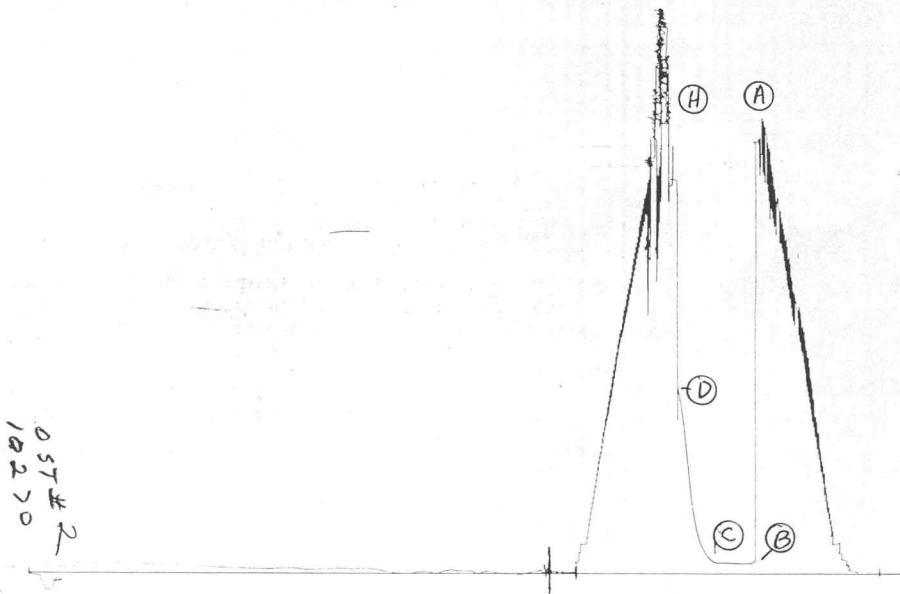
Delta P

Horner T

No Data Entered

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Ticket # 20716

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