

DST REPORT

GENERAL INFORMATION

DATE : 3/2/94
CUSTOMER : PICKRELL DRILLING CO INC
WELL : #1 TEST: 3
ELEVATION: 1980 GL
SECTION : 34
RANGE : 15W COUNTY: PRATT
GAUGE SN#: 13548 RANGE : 4075

TICKET : 20248
LEASE : GILLAM B
GEOLOGIST: KLAVER
FORMATION: MAGVOKETE
TOWNSHIP : 29S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4606.00 ft TO: 4658.00 ft TVD: 4658.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4610.0 ft 4658.0 ft
TEMPERATURE: 125.0

DRILL COLLAR LENGTH:	210.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4375.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	21.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	52.0 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:	4601.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4606.0 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. : PICKRELL
MUD TYPE : CHEMICAL
WEIGHT : 9.200 ppg
CHLORIDES : 15000 ppm
JARS-MAKE :
DID WELL FLOW?: NO

VISCOSITY : 68.00 cp
WATER LOSS: 11.200 cc

SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD 1 TO 1/2 INCH BLOW IN BUCKET.
FINAL FLOW PERIOD NO BLOW - FLUSHED TOOL.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
150.0	0.0	0.0	0.0	100.0	DRILLING MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	60.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.7376	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.7376	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2295.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	151.00	101.00
INITIAL SHUT-IN	60.00		121.00
FINAL FLOW	30.00	101.00	121.00
FINAL SHUT-IN	60.00		161.00

FINAL HYDROSTATIC PRESSURE: 2244.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2278.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	139.00	99.00
INITIAL SHUT-IN	63.00		118.00
FINAL FLOW	30.00	109.00	126.00
FINAL SHUT-IN	93.00		155.00

FINAL HYDROSTATIC PRESSURE: 2246.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 3/2/94	TICKET	: 20248
CUSTOMER	: PICKRELL DRILLING CO INC	LEASE	: GILLAM B
WELL	: #1	TEST:	3
ELEVATION:	1980 GL	GEOLOGIST:	KLAVER
SECTION	: 34	FORMATION:	MAGVOKETE
RANGE	: 15W	TOWNSHIP	: 29S
GAUGE SN#:	13548	STATE	: KS
		CLOCK	: 12
		COUNTY:	PRATT
		RANGE	: 4075

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	139.00	139.00
5.00	139.00	0.00
10.00	123.00	-16.00
15.00	113.00	-10.00
20.00	105.00	-8.00
25.00	102.00	-3.00
30.00	99.00	-3.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	99.00	99.00	0.00
6.00	99.00	0.00	0.00
9.00	99.00	0.00	0.00
12.00	99.00	0.00	0.00
15.00	99.00	0.00	0.00
18.00	99.00	0.00	0.00
21.00	99.00	0.00	0.00
24.00	99.00	0.00	0.00
27.00	99.00	0.00	0.00
30.00	99.00	0.00	0.00
33.00	100.00	1.00	0.00
36.00	101.00	1.00	0.00
39.00	102.00	1.00	0.00
42.00	103.00	1.00	0.00
45.00	104.00	1.00	0.00
48.00	106.00	2.00	0.00
51.00	108.00	2.00	0.00
54.00	110.00	2.00	0.00
57.00	113.00	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	116.00	3.00	0.00
63.00	118.00	2.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	109.00	109.00
5.00	109.00	0.00
10.00	178.00	69.00
15.00	155.00	-23.00
20.00	139.00	-16.00
25.00	130.00	-9.00
30.00	126.00	-4.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	126.00	126.00	0.00
6.00	126.00	0.00	0.00
9.00	126.00	0.00	0.00
12.00	126.00	0.00	0.00
15.00	126.00	0.00	0.00
18.00	126.00	0.00	0.00
21.00	126.00	0.00	0.00
24.00	126.00	0.00	0.00
27.00	126.00	0.00	0.00
30.00	126.00	0.00	0.00
33.00	127.00	1.00	0.00
36.00	127.00	0.00	0.00
39.00	128.00	1.00	0.00
42.00	128.00	0.00	0.00
45.00	129.00	1.00	0.00
48.00	129.00	0.00	0.00
51.00	131.00	2.00	0.00
54.00	131.00	0.00	0.00
57.00	133.00	2.00	0.00
60.00	135.00	2.00	0.00
63.00	137.00	2.00	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>
66.00	139.00	2.00	0.00
69.00	141.00	2.00	0.00
72.00	143.00	2.00	0.00
75.00	145.00	2.00	0.00
78.00	147.00	2.00	0.00
81.00	149.00	2.00	0.00
84.00	151.00	2.00	0.00
87.00	153.00	2.00	0.00
90.00	154.00	1.00	0.00
93.00	155.00	1.00	0.00

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