

DST REPORT

GENERAL INFORMATION

DATE : 3/25/94
CUSTOMER : REYNOLDS-REXWINKLE OIL
WELL : #2 TEST: 1
ELEVATION: 2545 KB
SECTION : 30
RANGE : 22W COUNTY: NESS
GAUGE SN#: 11018 RANGE : 4425

TICKET : 20224
LEASE : BATT
GEOLOGIST: REYNOLDS
FORMATION: CHEROKEE
TOWNSHIP : 16S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4420.00 ft TO: 4446.00 ft TVD: 4446.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4423.0 ft 4443.0 ft
TEMPERATURE: 124.0

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 :	4400.0 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 :	7.785 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH:	4415.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4420.0 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. : DUKE RIG 4
MUD TYPE : CHEMICAL
WEIGHT : 9.400 ppg
CHLORIDES : 4000 ppm
JARS-MAKE :
DID WELL FLOW?: NO

VISCOSITY : 55.00 cp
WATER LOSS: 8.000 cc

SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK BLOW - 1 INCH INCREASING
THROUGHOUT TO 2 INCHES AT END. FINAL FLOW PERIOD
1/2 INCH INCREASING TO 1 INCH IN 20 MINUTES-

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

STEADY BLOW TO END.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
0.0	0.0	0.0	0.0	0.0	40 FT GAS ABOVE FLUID
10.0	100.0	0.0	0.0	0.0	CLEAN GASSY OIL
0.0	0.0	0.0	0.0	0.0	GRAVITY 39 @ 60 DEGREES F
70.0	60.0	0.0	0.0	40.0	MUDDY OIL

RATE INFORMATION

OIL VOLUME:	0.7294 STB	
GAS VOLUME:	0.0000 SCF	
MUD VOLUME:	0.3927 STB	
WATER VOLUME:	0.0000 STB	
TOTAL FLUID :	1.1221 STB	
		TOTAL FLOW TIME: 105.0000 min.
		AVERAGE OIL RATE: 15.3889 STB/D
		AVERAGE WATER RATE: 0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2211.00

Description	Duration	p1	p End
INITIAL FLOW	45.00	33.00	36.00
INITIAL SHUT-IN	45.00		924.00
FINAL FLOW	60.00	42.00	46.00
FINAL SHUT-IN	60.00		897.00

FINAL HYDROSTATIC PRESSURE: 2190.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2271.00

Description	Duration	p1	p End
INITIAL FLOW	45.00	50.00	50.00
INITIAL SHUT-IN	45.00		945.00
FINAL FLOW	60.00	64.00	64.00
FINAL SHUT-IN	60.00		919.00

FINAL HYDROSTATIC PRESSURE: 2242.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

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WELL : #2	GEOLOGIST: REYNOLDS
ELEVATION: 2545 KB	FORMATION: CHEROKEE
SECTION : 30	TOWNSHIP : 16S
RANGE : 22W	STATE : KS
GAUGE SN#: 11018	CLOCK : 12
COUNTY: NESS	
RANGE : 4425	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	50.00	50.00
5.00	50.00	0.00
10.00	50.00	0.00
15.00	50.00	0.00
20.00	50.00	0.00
25.00	50.00	0.00
30.00	50.00	0.00
35.00	50.00	0.00
40.00	50.00	0.00
45.00	50.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	51.00	51.00	16.00
6.00	73.00	22.00	8.50
9.00	264.00	191.00	6.00
12.00	562.00	298.00	4.75
15.00	765.00	203.00	4.00
18.00	836.00	71.00	3.50
21.00	871.00	35.00	3.14
24.00	895.00	24.00	2.88
27.00	911.00	16.00	2.67
30.00	920.00	9.00	2.50
33.00	927.00	7.00	2.36
36.00	935.00	8.00	2.25
39.00	940.00	5.00	2.15
42.00	943.00	3.00	2.07
45.00	945.00	2.00	2.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

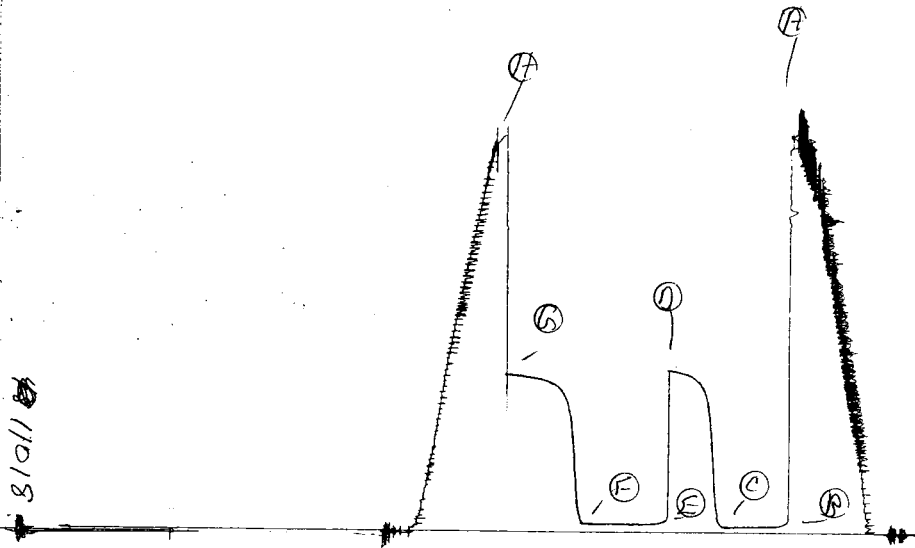
Time (min)	Pressure	Delta P
0.00	64.00	64.00
5.00	64.00	0.00
10.00	64.00	0.00
15.00	64.00	0.00
20.00	64.00	0.00
25.00	64.00	0.00
30.00	64.00	0.00
35.00	64.00	0.00
40.00	64.00	0.00
45.00	64.00	0.00
50.00	64.00	0.00
55.00	64.00	0.00
60.00	64.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	69.00	69.00	21.00
6.00	157.00	88.00	11.00
9.00	549.00	392.00	7.67
12.00	712.00	163.00	6.00
15.00	791.00	79.00	5.00
18.00	829.00	38.00	4.33
21.00	849.00	20.00	3.86
24.00	866.00	17.00	3.50
27.00	874.00	8.00	3.22
30.00	887.00	13.00	3.00
33.00	893.00	6.00	2.82
36.00	898.00	5.00	2.67
39.00	902.00	4.00	2.54
42.00	906.00	4.00	2.43
45.00	909.00	3.00	2.33
48.00	911.00	2.00	2.25
51.00	913.00	2.00	2.18
54.00	915.00	2.00	2.11
57.00	917.00	2.00	2.05
60.00	919.00	2.00	2.00

DST #1 RSC #11810 PMSDB

KT20224
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PST 41 RFR 13629 OUTSIDE

2KT 10004

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13629

