

TICKET NUMBER: 62731300

TEST DATE: 3-17-88

SUMMARY OF RESERVOIR PARAMETERS
HORNER METHOD FOR LIQUID WELLS

OIL GRAVITY: 41.0 API@ 60.0 F
WATER SALINITY: 0.0 % SALT
GAS GRAVITY: 0.700
FLUID GRADIENT: 0.3554 PSI/FT.
GAS/OIL RATIO: 655.0 SCF/STB
FLUID PROPERTIES AT: 3383.0 PSIG
TEMPERATURE: 150.000 F
VISCOSITY: 0.568 CP
NET PAY: 27.0 FT.
FORMATION VOLUME FACTOR: 1.353 RVOL/SVOL
POROSITY: 10.0 %
SYSTEM COMPRESSIBILITY: 0.00001229 VOL/VOL/PSI

PIPE CAPACITY FACTOR(S): 0.00000 BBL/FT.
0.00000 BBL/FT.
0.00000 BBL/FT.
0.00000 BBL/FT.

GAUGE NUMBER	1496	1496
GAUGE DEPTH	10315.0	10315.0
FLOW AND CIP PERIOD	1	2

PF FINAL FLOW PRESSURE	711.2	2133.0	PSIG
T TOTAL FLOW TIME	15.8	169.4	MIN
P* EXTRAPOLATED PRESSURE	0.0	3383.0	PSIG
ONE CYCLE PRESSURE	0.0	3038.1	PSIG

Q PRODUCTION RATE	0.0	941.9	BPD
KH/U TRANSMISSIBILITY	0.00	600.75	MD-FT./CP
KH FLOW CAPACITY	0.00	341.32	MD-FT.
K PERMEABILITY	0.000	12.642	MD
S SKIN FACTOR	0.000	-2.101	
DR DAMAGE RATIO	0.00	0.66	
Q1 POTENTIAL RATE	0.0	941.9	BPD
RI INVESTIGATION RADIUS	0.0	228.8	FT.

REMARKS:

THE PRODUCTION RATE WAS CALCULATED USING THE TOTAL RECOVERD FLUID OF 110.8 BBLs DURING THE 169.4 TOTAL MINUTES OF FLOW.
ALL CALCULATIONS ARE BASED ON 100% OIL RECOVERY.

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