

BOTTOM-HOLE PRESSURE REPORT

GTS

OEC-859.C

COMPANY

SPENCE ENERGY

OPERATOR

MIKE LIVINGSTON

MSGR

NEW MEXICO

DATE

7-19-22/85

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WELL

FEDERAL 25 #1

LEASE

FIELD

COUNTY/PARISH

STATE

DATUM

REF. ELEV.

TEMPERATURE/INTERVAL (FT)

MAX TEMP

MIN TBG ID

PACKER DEPTH

END OF TBG

GAUGE

CALIBRATION TECHNIQUE

DATE

REF. ELEV.

UPPER GAUGE

PRESS ELE NO

23882

PRESS ELE RANGE

6400

INNER HOUSING NO

CHART TIME RANGE

CALIBRATION DATE

CALIBRATION MODULUS

CALIBRATION 3.0%
FTTVD
MEAS

LOWER GAUGE

PRESS ELE NO

23882

PRESS ELE RANGE

6400

INNER HOUSING NO

CHART TIME RANGE

CALIBRATION DATE

CALIBRATION MODULUS

CALIBRATION 3.0%
FTTVD
MEAS

BOTTOM HOLE PRESSURES

PRESS ELE NO

23882

PRESS ELE RANGE

6400

INNER HOUSING NO

CHART TIME RANGE

CALIBRATION DATE

CALIBRATION MODULUS

CALIBRATION 3.0%
FTTVD
MEAS

TIME	UPPER GAUGE				LOWER GAUGE				SURFACE CONDITIONS				REMARKS
	FLOW OR SHUT-IN DURATION (HOURS)	TIME DEFLECTION (INCHES)	PRESSURE DEFLECTION (INCHES)	NON-LINEAR * CORRECTION, CL MODULUS	BOTTOM-HOLE PRESSURE ** P=KY+3.0%*CL	TIME DEFLECTION (INCHES)	PRESSURE DEFLECTION (INCHES)	NON-LINEAR * CORRECTION, CL MODULUS	BOTTOM-HOLE PRESSURE ** P=KY+3.0%*CL	WELLHEAD PRESSURE (PSIG)	WH TEMP (°F)	CHOKES SIZE (INCH)	
7-19-85 PM	2:30	2.45	.957		3084		1.024		3090				
2	3:30	3.45	.958		3088		1.025		3093				
3	4:30	4.45	.960		3094		1.027		3099				
4	9:30	9.45	.963		3104		1.030		3108				
7-20-85 AM	2:30	14.45	.965		3110		1.032		3114				
5	7:30	19.45	.965		3110		1.032		3114				
1	1:30	24.45	.965		3110		1.032		3114				
3	3:30	29.45	.965		3110		1.032		3114				
7-21-85 AM	3:30	39.45	.965		3110		1.032		3114				
1 PM	1:30	49.45	.965		3110		1.032		3114				
11	11:30	59.45	.967		3117		1.035		3123				
7-22-85 AM	9:25	69.40	.967		3117		1.035		3123				
13													GAUGE OFF BOTTOM
14													END OF TEST
15													

* NON-LINEAR CORRECTION FACTOR WHEN LEAST SQUARES CALIBRATION USED; MODULUS WHEN MODULUS CURVE CALIBRATION USED.

* * * * * WHEN MODULUS CURVE CALIBRATION USED