

STAFFORD
KANSAS

SE 1/4 16
off setting
Curtin

6/15 022S 012W 16
SPANGENBERG
LAT: 38.13413

UNITS: BRITISH
LICENSE NO: 21809

LONG: 98.64561

GROUND:

KELLY BUSHING: 1872.00ft

DST# 001 INTERVAL: 3370.0 to 3398.0ft

TOTAL DEPTH: 3398.00ft

FORMATIONS: ILNSG LANSING
FNONE UNKNOWN

TEST CO: STAR HUGHES

TYPE: CBH

DATE: 83 06 14

QUALITY CODE: C

WHY: 25 17

RECORDER NO: 013310

RECORDER TYPE: AK1

RECORDER DEPTH: 3398.00ft Outside

RECORDER TEMP:

SUBSEA: -1526.00ft

TEMP DEPTH:

CAPACITY: 4750.00psi

BOTTOM HOLE TEMP: 108.00F

HORNER

TIMES (min)	PRESSURE (psi)	EXTRAP(G) (psi)	SLOPE(G) ((psi^2/10^6)/cycle)	PERM: AV DAMAGE: NO HF: G
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Preflow 30.0

193.00

Initial SI 30.0

170.00

1197.00

1238.31

0.3352

GAS MEASUREMENTS

2nd flow 45.0

166.00

155.00

Final SI 60.0

1196.00

1218.07

0.1516

MAX: 603.0000mcf/d

FIRST: 603.0000mcf/d

LAST: 603.0000mcf/d

INITIAL HYDROSTATIC: 1787.00

ASSIGNED P-MAX: 1218.07

FINAL HYDROSTATIC: 1777.00

PRESSURE/DEPTH: 0.36

RECOVERY DESCRIPTION

130.0ft Very highly gas cut mud.

BLOW DESCRIPTION

Good blow. Gas to surface in 2 minutes on pre-flow, stabilized throughout.
Gas to surface on final flow, stabilized throughout, no time given.

GENERAL COMMENTS

DRILL PIPE TYPE: XH

LENGTH:

WEIGHT:

OUTER DIAMETER: 4.50in

INTERNAL DIAMETER:

DRILL COLLAR TYPE:

LENGTH:

OUTER DIAMETER:

INTERNAL DIAMETER:

CUSHION TYPE:

LIQUID CUSHION:

GAS CUSHION:

INHIBITOR:

MUD TYPE: SALTSTARCH

MUD WEIGHT: 9.80lb/gal

SALINITY:

CHLORIDE CONTENT: