STAFFORD 6/15 021S 012W 22 UNITS: BRITISH
KANSAS TAYLOR LICENSE NO: 21187
LAT: 38.21601 LONG: 98.62251

GROUND: KELLY BUSHING: 1848.00ft

DST# 001 INTERVAL: 3267.0 to 3325.0ft TOTAL DEPTH: 3325.00ft
TEST CO: SUN
FORMATIONS: ILNSG LANSING TYPE: CBH
FNONE UNKNOWN DATE: 81 01 06
RKSSC KANSAS CITY QUALITY CODE: D
WHY: 30 13 12
RECORDER NO: 001553 RECORDER TYPE:
RECORDER DEPTH: 3267.00ft RECORDER TEMP:
SUBSEA: -1419.00ft TEMP DEPTH:
CAPACITY: BOTTOM HOLE TEMP:114.00F

HORNER

	TIMES (min)	PRESSURE (psi)	EXTRAP(G) (psi)	SLOPE(G) ((psi^2/10^6)/cycle)
		187.00		
Preflow	30.0	187.00		
Initial SI	30.0	638.00	657.53	0.0844
		220.00		
2nd flow	30.0	231.00		
Final SI	30.0	649.00	668.32	0.0530

PERM: AV
DAMAGE: NO
HF: G

GAS MEASUREMENTS

MAX: 1910.0000mcf/d
FIRST: 1910.0000mcf/d
LAST: 1910.0000mcf/d

INITIAL HYDROSTATIC: 1825.00
FINAL HYDROSTATIC: 1730.00

ASSIGNED P-MAX: 668.32
PRESSURE/DEPTH: 0.20

RECOVERY DESCRIPTION

360.0ft Oil and gas cut watery mud. (20% oil, 10% water, 70% mud)
360.0ft Heavy oil and gas cut watery mud. (40% oil, 30% water, 30% mud)

BLOW DESCRIPTION

Strong air blow on pre-flow. Gas to surface in 20 minutes. Strong air blow on final flow. Gas to surface in 20 minutes. Remaining steady.

GENERAL COMMENTS

Only one set of pressures provided, recorder number not specified, assumed for recorder #1553. No recorder depths given, estimated from top of tested interval.

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: N/A
MUD WEIGHT: 9.70lb/gal
SALINITY:
CHLORIDE CONTENT:

STAFFORD 6/15 021S 012W 22 UNITS: BRITISH
KANSAS TAYLOR LICENSE NO: 21187
LAT: 38.21601 LONG: 98.62251

GROUND: KELLY BUSHING: 1848.00ft

DST# 002 INTERVAL: 3353.0 to 3400.0ft TOTAL DEPTH: 3400.00ft
TEST CO: SUN
FORMATIONS: ILNSG LANSING TYPE: CBH
FNONE UNKNOWN DATE: 81 01 17
RKSSC KANSAS CITY QUALITY CODE: B
WHY: 13 12
RECORDER NO: 011027 RECORDER TYPE:
RECORDER DEPTH: 3553.00ft RECORDER TEMP:
SUBSEA: -1705.00ft TEMP DEPTH:
CAPACITY: BOTTOM HOLE TEMP:114.00F

	TIMES (min)	PRESSURE (psi)	HORNER EXTRAP(G) (psi)	SLOPE(G) ((psi^2/10^6)/cycle)
		165.00		
Preflow	45.0	220.00		
Initial SI	30.0	703.00	722.93	0.0720
		264.00		
2nd flow	30.0	275.00		
Final SI	30.0	638.00	658.59	0.0488

PERM: AV
DAMAGE: NO
HF: G

GAS MEASUREMENTS

MAX: 1910.0000mcf/d
FIRST: 1910.0000mcf/d
LAST: 1910.0000mcf/d

INITIAL HYDROSTATIC: 1806.00
FINAL HYDROSTATIC: 1784.00

ASSIGNED P-MAX: 722.93
PRESSURE/DEPTH: 0.20

RECOVERY DESCRIPTION

420.0ft Muddy froggy oil.
180.0ft Clean gassy oil.
60.0ft Oily watery mud.
60.0ft Oil and gas cut muddy water.

BLOW DESCRIPTION

Air blow on pre-flow. Strong air blow on final flow, gas to surface in 25 minutes remaining steady.

GENERAL COMMENTS

Only one set of pressures provided, recorder number not specified, assumed for recorder #11027. No recorder depths given, estimated from top of tested interval.

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: N/A
MUD WEIGHT: 9.70lb/gal
SALINITY:
CHLORIDE CONTENT: