

# Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530

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Company Carrie Exploration + Development

Address 210 West 2nd Hys Kansas 67601

Lease & # John Roth #C-3 Sec. 34 Twp 19S Rng 11W

Date 11-28-2012 County Barton Elevation 1777 G.L. 1785 K.B.

Drilling Contractor Southwind Drilling Rig 6

Drill Pipe Length 3287 I.D. of Drill Pipe 3.80 Tool Joint Size 4 1/2 x 4 1/2

Drill Collar Length 0 I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 x 4 1/2

Mud Weight 9.0 Viscosity 46 Filtrate 96 Chlorides-Pits 5000 DST

Top Packer Depth 3295 Bottom Packer Depth 3300 Number of Packers 2

Tested From 3300 to 3323 Total Depth 3323 Anchor Length 23

Test # 3 Formation Tested Arbuckle Hole Size 7 7/8

Initial Blow Weak blow blew 1/2 inch into the bucket.

Final Blow Weak blow blew 1/2 inch. died off

Initial Hydrostatic 1668 P.S.I. Final Hydrostatic 1612 P.S.I. Maximum Temp. \_\_\_\_\_ F

Initial Opening 38 P.S.I. to 39 P.S.I. from 4:14p m to 4:44p m 30 minutes

Initial Shut-in 58 P.S.I. from 4:44p m to 5:29p m 45 minutes

Final Opening 37 P.S.I. to 37 P.S.I. from 5:29p m to 6:14p m 45 minutes

Final Shut-in 47 P.S.I. from 6:14p m to 7:14p m 60 minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
5	mud cut oil		2	98	

Total Feet Recovered \_\_\_\_\_ Recovery Chlorides \_\_\_\_\_ Rw. \_\_\_\_\_ ohms @ \_\_\_\_\_ Degrees

Gravity of oil \_\_\_\_\_ Corrected Gas to Surface in \_\_\_\_\_ minutes into the \_\_\_\_\_

Max. Gas Gauged \_\_\_\_\_ MCF/day See Gas Flow Report Was a gas sample taken no

Comments Thanks

Extra Equipment-Jars none Safety Joint none Circulating Sub none Straddle none

Electronic Recorder No. 6663 Depth 3319 Extra Packer (3rd) none Hook Wall none

Bottom Recorder No. 6400 Depth 3320 Extra Packer (4th) none Sampler none

Tool Operator Dustin Ellis Approved By NJA

Ticket No. 17875