



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

NMOCD

JUL 05 2019

MECHANICAL INTEGRITY TEST REPORT

DISTRICT III

(TA OR UIC)

Date of Test 7/5/2019 Operator Hilcorp Energy API # 30-045-22504

Property Name Lucerne A Well # 2A Location: Unit P Sec 9 Twn 31 Rge 10

Land Type:

State _____
Federal X
Private _____
Indian _____

Well Type:

Water Injection _____
Salt Water Disposal _____
Gas Injection _____
Producing Oil/Gas X
Pressure observation _____

Temporarily Abandoned Well (Y/N): _____ TA Expires: _____

Casing Pres. 3 Casing Above Pkr Tbg. SI Pres. NA Max. Inj. Pres. NA
Wellhead Pres. 0 Tbg. Inj. Pres. NA
Tubing Pres. 0 btwn Pkr + RBP
Int. Casing Pres. NA

Pressured annulus up to 620 psi. for 20 mins. Test passed/failed passed

REMARKS: 1000 lbs spring, 1hr clock, 1hr 1000 lbs chart, test between RBP@ 4450ft and Packer @ 3082ft. Start @ Ops. Pressured up to 590 psi, chart start @ 1min, 6min 560 psi Csg Srf 3 psi Bt 0 psi, 11min 540 psi Csg Srf 3 psi Bt 0 psi, bumped up to 620 psi, resume @ 13 min on chart, 18min 600psi Csg Srf 3 psi Bt 0 psi, 23min 580 psi Csg Srf 3 psi Bt 0 psi, 28min 560 psi Csg Srf 3 psi Bt 0 psi, 33min 540 psi Csg Srf 3 psi Bt 0 psi, shut tubing valve for truck ✓ @ 34min @ 538psi 33min. psi saw 20 psi loss in 2min, isolated pump held solid for 2min, opened casing dropped ~20psi in 5min. Last calibrated 6/10/2019 RBP@ 4450ft, Packer@ 3082ft, Cliff House Top Perf 4478ft, PC bottom Perf 3058ft.

by _____ Witness [Signature]
(Operator Representative) (NMOCD)

(Position)

Revised 02-11-02