



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

NMOCD

JUL 05 2019

DISTRICT III

MECHANICAL INTEGRITY TEST REPORT (TA OR UIC)

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

Property Name Lucerne A Well # 2A Location: Unit 9 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. 2 psi above packer Tbg. SI Pres. NA Max. Inj. Pres. NA
Wellhead Pres. 0 - light puff Tbg. Inj. Pres. NA
Tubing Pres. 0 - see note under packer
Int. Casing Pres. NA

Pressured annulus up to 640 psi. for 23 mins. Test passed/failed passed

REMARKS: 1000 lbs spring, 1 hr clock, 1 hr 1000 lbs chart. Test between 4450ft and 3082ft. Start
C.O. psi. pressured up to 597 psi, 5 min 550 psi Csg Srf 3 psi Bt 0 psi, 6 min crossed 540 psi,
bled back to 0 psi and pressure up to 590 psi resume @ 12 min on chart. 17 min 550 psi Csg Srf 3 psi Bt 0 psi,
540 psi @ 18 min, bumped up to 640 psi resume @ 20 min on chart, 25 min 615 psi Csg Srf 3 psi
Bt 0 psi, 30 min 590 psi Csg Srf 3 psi Bt 0 psi, 35 min 570 psi Csg Srf 3 psi Bt 0 psi,
40 min 550 psi Csg Srf 3 psi Bt 0 psi reached 540 psi @ 43 min on chart. 100 psi loss in 23 min
last calibrated 6/10/2019
PC bottom 3058ft packer @ 3082ft. RBP @ 4450ft. Top Cht perf 4478ft.

by _____
(Operator Representative)

Witness [Signature] Kelly
(NMOCD)

(Position)

Revised 02-11-02