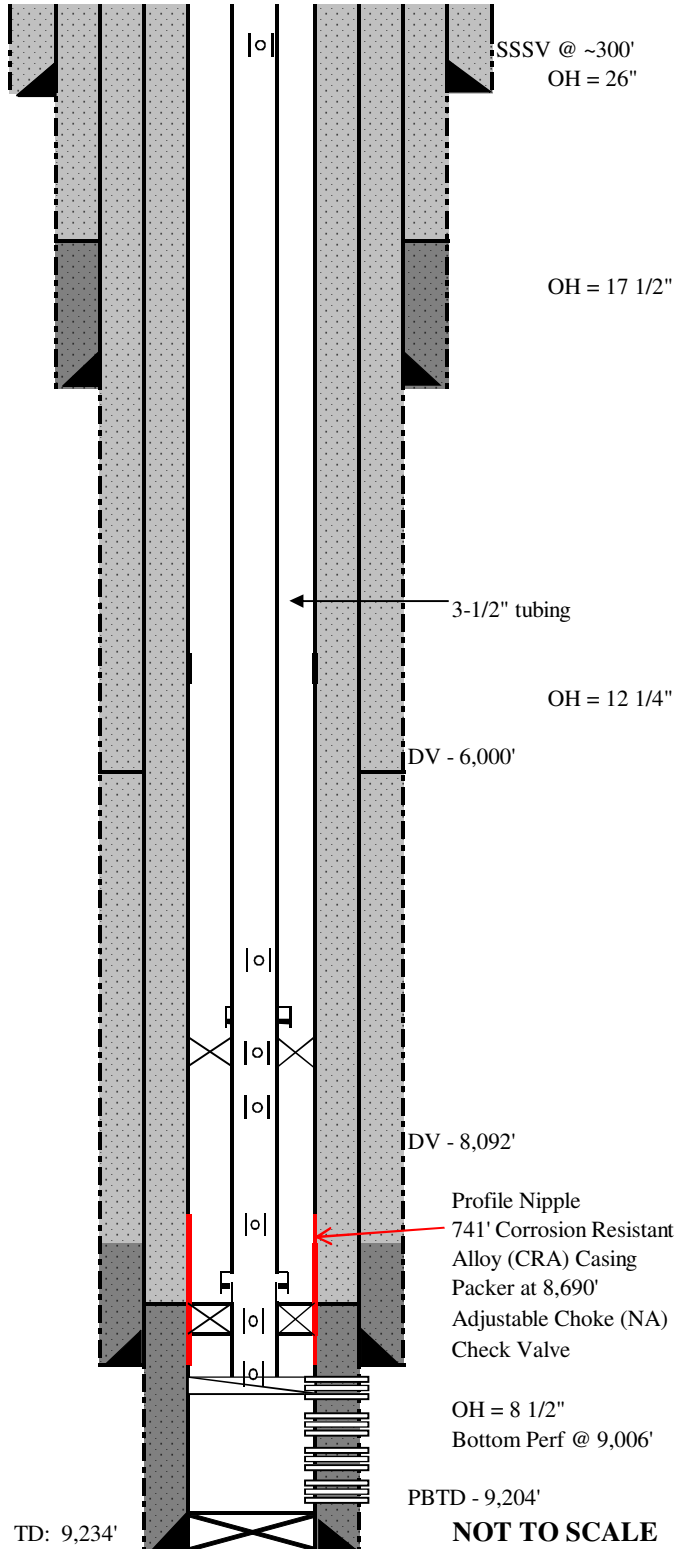


APPENDIX E

WELL BORE DIAGRAM

LINAM AGI #2 ASBUILT WELL SCHEMATIC

Location: 2120 FSL & 2120' FWL
STR S30-T18S-R37E
County, St.: LEA COUNTY, NEW MEXICO



CONDUCTOR CASING

30" Conductor at 120'

SURFACE CASING

20", 106.5#, J55, BTC from surface to 1572'

Cement to surface

UPPER INTERMEDIATE CASING:

13 3/8", 68 #/ft, J55, STC at 3,219'

Cement to surface

LOWER INTERMEDIATE CASING:

9 5/8", 47 #/ft, HCL-80, LTC at 8,604'

Cement to surface

PRODUCTION CASING:

7", 26 #/ft, HCL-80, LTC to 8,414'

7", 26 #/ft, 28Cr, VAM TOP from 8,414' to 9,155'

7", 26 #/ft, HCL-80, LTC to 9,155' to 9,204'

Cement to surface

TUBING:

Subsurface Safety Valve at 300'

3 1/2", 9.3#/ft, L80 from surface to 8,550'

3 1/2", 9.3#/ft, SM2550 from 8,550 to 8,683'

Premium thread utilizing metal to metal sealing in collars

ANNULAR FLUID:

Diesel Fuel w/ biocide from top of packer to surface

BOTTOM HOLE PRESSURE/TEMPERATURE

Monitoring equipment set immediately above packer

PACKER:

Permanent injection packer with Incoloy components set in Corrosion Resistant Alloy (CRA) csg at 8,690'

PERFORATIONS:

Primary Targets:

8,765'-8,769"	8,925'-8,945'
8,795'-8,801'	8,956'-8,978'
8,817'-8,832'	8,995'-9,006'
8,840'-8,885'	