HOSPAH SAND UNIT # 104 30-031-20830 SEC. 01, T17N, R9W MCKINLEY, NM

12 1/4" HOLE @ 42'

8 5/8" 20# SURFACE CASING @ 39' CMT. CIRCULATED

7 7/8" HOLE @ 39'- 1588'

5 1/2" 14# CASING @ 1587' CMTD W/ 100 SXS

PBTD @ 1574'

PERFS @ 1522'~ 1548'

TOPS:

MENEFEE

POINT LOOKOUT

GALLUP

SURFACE

290'

1520'

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PROPOSED P & A PROCEDURE

- ** PREPARE LOCATION
- ** MIRU PLUGGING EQUIPMENT, RLS PKR AND POOH W\TBG, PU AND TIH WITH 2 7/8" TBG. TO 1548', LOAD CASING WATER AND CIRCULATE HOLE CLEAN, MIX AND PUMP 30 SXS. CLASS "B" CMT. AND SPOT BALANCED PLUG AT 1320'-1548', POH WITH TBG., SECURE WELL, WOC OVERNIGHT
- ** CREW TO LOCATION, CONDUCT SAFETY MEETING, TIH WITH TEG. TAG TOC AT 1320' (1420' MIN), IF TOC MEETS NMOCD REQUIREMENTS PROCEED TO PROCEDURE "A" IF THE TOC DOES NOT MEET NMOCD REQUIREMENTS PROCEED TO PROCEDURE "B"

PROCEDURE "A"

- ** PRESSURE TEST CASING TO 500 PSIG TO ASCERTAIN MECHANICAL INTEGRITY, IF CASING DOES NOT PRESSURE TEST, PU AND TIH W/ PKR AND TBG TO LOCATE CASING LEAKS, TAKE NECESSARY ACTION TO MEET THE REQUIRED PLUGGING PROCEDURE, MIRU WIRELINE TRUCK PERF CASING AT 340', RIG DOWN WIRELINE TRUCK
- ** ESTABLISH RATE INTO PERFS AT 340' AND CIRCULATE OUT BRADEN HEAD UNTIL WATER CLEANS UP, MIX AND PUMP SUFFICIENT CEMENT VOLUME TO FILL 5 1/2" CASING AND ANNULUS BETWEEN 5 1/2" X 7 7/8" HOLE FROM 340' TO 39' AND 5 1/2" X 8 5/8" ANNULUS FROM 39' TO SURFACE,

- ** RIG DOWN PLUGGING EQUIPMENT, ASCERTAIN HOLE TO BE STABLE, TOP OFF CASING IF NECESSARY, INSTALL P&A MARKER, RIG DOWN AND MOVE ALL EQUIPMENT
- ** RESTORE LOCATION

PROCEDURE "B"

- ** MIX AND PUMP SUFFICIENT CEMENT TO ESTABLISH A SATISFACTORY TOC, CEMENT WILL BE PUMPED THROUGH TBG AND A BALANCED PLUG WILL BE ACHIEVED, POH WITH TBG WOC
- ** TIH MITH TBG, TAG TOC AND THEN PROCEED TO PROCEDURE "A"