

SUPPLEMENTAL DRILLING DATA

BIRD CREEK RESOURCES, INC.
BCR FEDERAL WELL NO. 2
B - 3 - T23S - R28E
EDDY COUNTY, NEW MEXICO

1. **SURFACE FORMATION:** Dense Triassic dolomite (locally named Culebra Bluff).
2. **ESTIMATED FORMATION TOPS:**

Salado salts	180'
Delaware sand	2650'
Bone Spring lime	6200'
TD	6350'
3. **POTENTIAL HYDROCARBON ZONES:**

Delaware	Oil	2650 - 6200'
Bone Spring	Oil	6200 - 6350'

4. **PROPOSED CASING & CEMENTING PROGRAM:**

8 5/8", 24# J-55, STC casing is to be set @ 320' in 12 1/4" hole. Casing will be cemented with 200 sxs. of class "C", 2% CaCl, and 1/4 pps flocele. Cement to circulate to surface.

4 1/2", 10.5# and 11.6# J-55 casing is to be set @ 0 - 6350' in 7 7/8" hole. Casing will be cemented in 2 stages. The first stage will consist of approximately 200 sxs. Lite cmt., 5% NaCl, and 0.4 pps flocele, followed by 250 sxs. class "C", 10% salt. With stage tool set at 4000', second stage will be cemented with 735 sxs. Lite cement, 5% NaCl, 0.4 pps flocele, tailed with 50 sxs. class "C", 2% CaCl. Cement to circulate to surface.

5. **PRESSURE CONTROL EQUIPMENT:**

The BOP stack will consist of 3000 psi WP annular and ram type preventers while drilling below the surface casing shoe.

A BOP sketch is attached.