

OPERATIONS PLAN - A. B. GEREN #5

Well Name: A. B. GEREN #5

I. Location: 860 ENL, 1490 FEL Sec. 26-T29N-R9W San Juan Co., NM

Field: Basin Fruitland Elev: 5925 'GL

II. Geology:

A. Formation Tops:	Surface San Jose	Fruitland	2139
	Ojo Alamo 1479	Total Depth	2479
	Hirtland 1539		

B. Logging Program: I-ES & SR-PDC-ONL & total depth.

III. Drilling:

A. Mud Program: Air from surface to 2564 (100' above the top of the Fruitland). At that point mud up and drill to TD.

IV. Materials

A. Casing Program:	Hole Size	Depth	Csg. Size	Wt. Grade
	12 1/4"	200'	8 5/8"	24.0# H-40
	7 7/8"	2479	4 1/2"	10.5# J-55

B. Float Equipment: 8 5/8" Surface casing - Sawtooth guide shoe.

4 1/2" Production casing - Guide shoe and self-fill insert valve on 15" shoe joint. Run centralizers on bottom 8 joints.

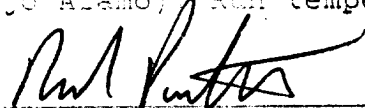
C. Tubing: 2479 feet of 1 1/2" EUE, 2.9#, J-55 tubing.

D. Wellhead Equipment: Hercules 8 5/8" x 4 1/2" 2000 psi casing head assembly complete with casing hanger. 4 1/2" x 1 1/2" tubing head assembly with tubing hanger.

V. Cementing:

8 5/8" Surface casing - 140 sks. of class "B" cement with 1/4# gel-flake per sack and 3% calcium chloride (165 cu. ft of slurry, 100% excess to circulate to surface). Test casing, wellhead, and BOP to 600#, 30 minutes.

4 1/2" Production casing - precede cement with 5 bbls. water. Cement with 536 sks. 65/35 Class "B" with 6% gel, 2% calcium chloride, 1/2 cu. ft. perlite per sack and 10.3 gallons water per sk. followed by 75 sks. 50/30 Class "B" Por with 2% gel (1128 cu. ft of slurry, 100% excess to cover Ojo Alamo) Run temperature survey after 12 hours.


Rod Pinkett