

# KUKUI Operating Company

## COMPLETION RECOMMENDATION

**WELL:** Degas 6 State Com. #1 **DATE:** 6/6/2002

**LOCATION:** 1,980' FNL & 800' FEL **ELEVATION GR/KB:** 4,055' / 4,081'  
Sec. 6 - T16S - R35E

**COUNTY, STATE:** Lea County, New Mexico **TD:** 13,120'

**PREPARED BY:** Larry K. Strider **PBTD:** ~ 13,070'

**OBJECTIVE:** Complete Atoka Sand **Calculated BHP:** estimated 6,000 psi

<b>CASING RECORD:</b>	<b>SIZE</b>	<b>WEIGHT</b>	<b>GRADE</b>	<b>DEPTH</b>	<b>CEMENT</b>	<b>TOC</b>
	13-3/8"	48#	J55	449'	500 sx.	Surface
	9-5/8"	40#	J55	4,565'	1700 sx.	Surface
	5-1/2"	20#	P110	13,120'	1,170 sx..	TD - ~ 9,500'

### PERFORATIONS:

Proposed Atoka Sand Perfs: 12,572' - 12,592' Density/Neutron 2 spf

### DOWNHOLE EQUIP DESCRIPTION AND DEPTHS:

#### Proposed Completion:

Bit & scraper run to PBTD. Circulate hole with 2% treated KCL fluid. POH with tubing. Run CBL/CCL log. GIH w/ TCP assembly to perforate Atoka. NU tree & perforate underbalanced. Flow well and evaluate. If stimulation is required, kill well w/ treated KCL & POH w/ TCP assembly. Stimulate with 1,000 gals. 7 1/2 % HCL diverted with 60 ea. 1.3 sg balls. Surge balls and allow to fall into rathole. Frac down 5 1/2" casing with 70 Quality CO2 foam and ~ 78,000 lbs. 20/40 Intermediate Strength prop. Flow back frac through casing until clean. Lubricate 5 1/2" Baker WL Wireline Set Retrievable Packer with blanking plug in L-10 Seal Nipple above packer. Set packer @ ~ 12,500'. Bleed casing to zero psi. GIH w/ on/off tool assembly and 2 7/8", 6.5 lbs.ft., N-80, EUE tbg. Circulate hole with packer fluid. Latch on/off tool. NU 2 9/16" 5M tree. Pull blanking plug and produce well.

**WELLHEAD/TREE:** 11" 5,000# x 7-1/16" 5,000# tubinghead. 2 9/16" 5M tree assembly.

Rental 7 1/16" 10,000 psi tubing head & 2 ea. 7 1/16" 10,000 psi frac valves for stimulation.