DATE: ~~11/2/90~~ 1-15-92

Workover Procedure

REVISED 1-15-92

WELL & JOB: H. S. RECORD # 6 Recomplete **DRILLED:** 1981

LAST WORKOVER: **FIELD:** Eunice **COUNTY:** Lea/NM

BY: GORE **TD:** 3959 **PBD:** 3913' **DATUM:**

TUBINGHEAD: **SIZE:** **PRESS RATING:**

CASING:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	8-5/8"	24#	K-55	1091'	600	SURFACE
INTER:						
PROD:	5-1/2"	15.5#	K-55	3939	925	SURFACE

PERFORATIONS: 3698'-3881'

SCOPE OF WORK: Recomplete as Jalmat gas well.

PROCEDURE

1. MIRU PU. Pull rods and pump and LD same. Kill well. NU BOPE.

2. Pull CA. RIH w/casing scraper on tubing to 3550'. POOH. Set a CIBP @ 3650' and dump 35' cement on same. Load and test casing to 1500 psi using 2% KCL water. TIH w/open-ended tubing and a SN. Swab well down to 3000' from surface. POOH w/tubing. ND BOPE and NU frac head w/full opening valve.

3. Perforate Jalmat zone as follows:

   3408 - 3442' at 2 JSPF

   - Use either 60° or 90° spiral phasing
   - Use casing perforating guns that produce a minimum EHD of 0.40"
   - Correlate to Schlumberger DLL dated 9-27-81
   - Use full lubricator

4. Fracture treat above perfs using attached procedure from O/A Engineering. Treat through 3-1/2" workstring with packer. Rig up lines to permit immediate flowback and forced closure of frac.

   Frac with 174,980# of 16/30 Brady (Vulcan) sand in 1399 barrels of CO_2 foam at approximately 20-25 bpm. Maximum treating pressure of 4000 psi is recommended.

5. Utilize immediate flowback/forced closure technique. Flow and/or swab test as required. The well should be kept open and flowing for at least the first day of flowback, so a light plant and well flowback watch is required.

6. Check for sandfill w/wireline. Clean out sand if necessary.