

LUSK AHB FED. 1
35-19S-32E
RECOMPLETION PROCEDURE NO. 2
WOLFCAMP, BONE SPRING
9/2/93

OBJECTIVE: Recomplete well to Wolfcamp and/or Bone Spring until commercial production is established.

PROCEDURE:

1. Kill well and install 7-1/16" 3000 psi WP hydraulic double ram BOP. TOOH with packer and tubing. RU lubricator and set CIBP + 35' cement at 12325' (DV tool at 8766'). Close blind rams and test casing and CIBP to 1000 psi.

WOLFCAMP

2. RU lubricator and perforate the Wolfcamp as follows:

- a) 11032', 11034', 11043', 11045', 11053', 11056', 11064', 11066',
11090', 11092', 11094', 11096', 11102', 11104', 11114', 11116',
11128', 11130', 11162', 11164', 11166', 11183', 11192', 11194' (24)
- b) Use 4" HSC casing gun, 1 SPF, 180 deg. phasing, deepest penetrating charges.
- c) Correlate to CBL

3. Acidize Wolfcamp with 5000 gals. 15% NE Fe HCl acid inhibited for 6 hrs. at 200 deg. F as follows.

- a) Pump acid at 3-5 BPM while limiting differential treating pressure across tubing to 6500 psi.
- b) Drop 15 1.3 SG ballsealers every 24 bbls. acid (75).
- c) Displace acid to bottom perf with 2% KCl.

4. Swab/flow test Wolfcamp.

BONE SPRING

5. RU lubricator and perforate the Bone Spring as follows:

- a) 10333', 10334', 10335', 10344', 10346', 10351', 10352', 10353',
10354' (18)
10467', 10468', 10469', 10470', 10488', 10491' (12)
- b) Use 4" HSC casing gun, 2 SPF, 180 deg. phasing, deepest penetrating charges.
- c) Correlate to CBL

6. Straddle acidize Bone Spring 10467-10491' with 2000 gals. 15% NE Fe HCl acid inhibited for 6 hrs. at 200 deg. F as follows.