

CAMPBELL & HEDRICK

P. O. BOX 401 220 MID-AMERICA BLDG.
MIDLAND, TEXAS 79701

June 27, 1979

Energy & Minerals Department
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey,
Director

Campbell & Hedrick herewith requests exception to Rule 303-A to permit commingling in the well bore of production from the Blinebry and Tubb Formations in the Campbell & Hedrick, A M Lockhart Well No. 2, Unit M, Sect. 17, T21S, R37E, Lea County, New Mexico. This well is located 660' FSL and 990' FWL of said section. An example of a similar down hole commingling is Campbell & Hedrick Lockhart No. 1, Order DC 744. Pertinent facts, information and conditions follow:

- (a) Both zones to be commingled in the well bore are oil zones.
- (b) The total daily production expected from the two zones tested individually does not exceed the amount specified in Rule 303 C 1 (b) .
- (c) Each of the zones is capable of flowing.
- (d) Water production from each zone is less than the combined oil limit.
- (e) The fluid from each zone is compatible with the fluids from the other zone.
- (f) The total value of the crude will not be reduced by commingling.
- (g) Ownership of the zones to be commingled is common.
- (h) The commingling will not jeopardize the present or future secondary recovery operations of the zones to be commingled.

To support the above statements the following information is tabulated or attached:

- (a) Campbell & Hedrick
P.O. Box 401
Midland, Texas 79702
- (b) A.M. Lockhart Well No. 2, 660' FSL and 990' FWL of Sect. 17, T-21-S, R-37-E, NMPM, Lea County, New Mexico.
- (c) Well is presently completed and producing from the Blinebry zone.
- (d) Productivity test on C-116's attached.
- (e) Both the Tubbs and Blinebry zones are newly completed with little or no production history.
Tubb zone-ran perf log and perforated 5½" Csg. w/2 shots per foot, 6562', 6547', 6532', 6517', 6406', 6373', 6347', 6309', 6291', 6270', 6241', and 6212'. Acidized above perfs. w/3000 gal. 15% acid and Sand-Fraced w/ 35000 gelled 9.2 brine with 45000# 20/40 mesh sand. Acid and Frac job was done down 2 7/8" tubing. Aver. inj. rate 23/bbls/minute; aver. pressure 5350#. After job well produced 2 bbls. oil with GOR 10,000. Flowing on intermitter.
Blinebry zone-perforate interval 5670'-5735' with 3 1/8" WJM, 20 holes. Run Baker RTBP and Baker Full Bore on 2 7/8" frac tubing. Tested tubing to 5000# psi and casing to 1500#. Set RTBP at 5781.40 spot 750

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