

MRR# 90043  
DIST.

MAINTENANCE & REMEDIAL REQUEST

LEASE NAME Baish B WELL NO. 1 CONOCO W.I. 100%  
OBJECTIVE OF WORK Plug and abandon  
LOCATION 660' FNL & 1650' FWL, Unit C, Sec. 22, T17S, R32E COUNTY Lea STATE NM  
DIVISION Hobbs FIELD Baish-Maljamar-Pearsall DATE 4-4-90

|  |             |               |        |                     |                       |                  |           |
|--|-------------|---------------|--------|---------------------|-----------------------|------------------|-----------|
| WELL CLASSIFICATION                              |             | WELL STATUS   |        | TD <u>13,657'</u>   |                       | MEASURING POINT  |           |
| ( X ) OIL  | ( ) INJECT. | ( ) ACTIVE    |        | PBTD <u>12,190'</u> |                       | <u>20</u>        | FT. ABOVE |
| ( ) GAS  | ( ) SERVICE | ( X ) SHUT-IN |        | TOC <u>9,495'</u>   |                       | ( X ) GL         | ( ) LF    |
| SURFACE & PRODUCTION CASING                      |             |               |        | LINER               |                       | TUBING           |           |
| SZ   | GR          | WT            | SET @  | SX CMT              | CEM. ( ) YES ( X ) NO | SZ               | SET @     |
| 13-3/8"  | H-40        | 480           | 473    | 350                 | TOP BTM SIZE WT.      |                  |           |
| 9-5/8"   | J-55        | 36&40         | 4734   | 3109                |                       |                  |           |
| 7"   | N-80        | 26-35         | 12,500 | 800                 |                       |                  |           |
| FORMATION  |             | PERF/OH       | TOP    | BTM                 | NEP                   | FORMATION        |           |
| Abo  |             | Perf          | 8928'  | 8964'               |                       | PERF/OH          |           |
| Wolfcamp   |             | Perf          | 9808'  | 9875'               |                       | TOP              |           |
| MISC. DATA (COLLAPSED CASING, BRIDGE PLUG, ETC.) |             |               |        |                     | PROBLEM               |                  |           |
| RBP @ 8885'                                      |             |               |        |                     | ( X ) RES. BEHAVIOR   |                  |           |
|  |             |               |        |                     | ( ) MECHANICAL        |                  |           |
|  |             |               |        |                     | RECURRING             |                  |           |
|  |             |               |        |                     | ( X ) YES             |                  |           |
|  |             |               |        |                     | ( ) NO                |                  |           |
| ALLOWABLE  |             | PRESENT PROD. |        | EXPECTED INCREASE   |                       | ESTIMATED PAYOUT |           |
| DATE   |             | BOPD          |        | BOPD                |                       | PERIOD :         |           |
| BOPD   |             | MCFD          |        | MCFD                |                       | OIL PRICE:       |           |
| MCFD   |             | BWPD          |        | BWPD                |                       | GAS PRICE:       |           |

JUSTIFICATION

Funds of \$23,300 are requested to permanently plug and abandon Baish B No. 1.

This well was originally drilled as a Devonian test in 1960. However unsuccessful drill stem tests in the Devonian resulted in a Maljamar Strawn completion. This formation produced 36 MBO from 1960 to 1962 when it was shut in as depleted. The well was then recompleted to the Baish Wolfcamp zone. In 1963 the Maljamar Abo zone was also opened, and the well was dually completed. The well was downhole commingled in 1970 between the Abo and Wolfcamp formations, and at this time the 7" production casing was found to be parted at  $\pm$  2228'. The free upper section of casing was removed. From 1970 until June of 1988, both zones produced and were occasionally acidized to remove scale and stimulate production. In July of 1988 the well was temporarily abandoned due to marginally economic production rates and mechanical problems with the pumping equipment. Cumulative production from the Baish Wolfcamp zone was 164 MBO and 0.3 BCF while the Maljamar Abo zone has produced 144 MBO and 0.3 BCF.

A recent casing integrity test run on this well indicates a severe casing leak has developed in either the 7" or 9-5/8" casing string. An evaluation of this well does not indicate any further potential to economically restore production in any of the previous zones. The mechanical integrity of the casing left in this well also eliminates a risky uphole recompletion attempt in either the Paddock or Grayburg-San Andres zones. (These zones may be tested in offset producers that have mechanically sound casing).

Therefore, based on the depleted status of the formerly produced zones, and the very poor uphole casing integrity, it is recommended to permanently plug and abandon the Baish B No. 1.

ESTIMATED GROSS COST: \$23,300 ESTIMATED NET COST: \$23,300 PREPARED BY: STB  
APPROVED: [Signature] DATE: 5/25/90 DIST: MRR: 90043  
STB:dw [Signature] CHARGE: Abandonment  
BAISHB#1.MRR [Signature] 02 OCT '90