

HENRY ENGINEERING  
*Petroleum Engineers*  
807 FIRST NATIONAL BANK BUILDING  
MIDLAND, TEXAS 79701

November 20, 1972

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O. C. C.  
ARTESIA, OFFICE

New Mexico Oil Conservation Commission  
P. O. Drawer DD  
Artesia, New Mexico 88210

Attention: Mr. Gressett

Re: David Fasken  
Arco "4" Matlock No. 1  
Sec. 4, T-19-S, R-25-E,  
Eddy Co., New Mexico

Gentlemen:

Pumping operations were shut down at approximately noon November 17, 1972. We appreciated the opportunity to complete the production and bottom pressure testing.

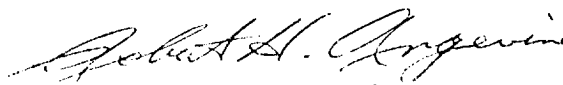
The well was operated continuously from October 26, 1972 to November 14, 1972 with a Kobe 8-B jet. Stabilized production was 24 B.O.P.D., 125 B.W.P.D. (149 B.F.P.D.), 16.1% oil. The operating B.H.P. was 413 psig for a theoretical operating fluid level at 6646 ft. or 1100 ft. above the pump.

The test with a Kobe 8-A jet was 26 B.O.P.D., 110 B.W.P.D. (136 B.F.P.D.), 19.1% oil. The operating B.H.P. was 475 psig for a theoretical operating fluid level at 6481 ft. or 1265 ft. above the pump.

For all practical purposes the tests are nearly the same and probably reflect only minor variations in reservoir conditions.

Yours truly,

HENRY ENGINEERING

  
Robert H. Angevino

RHA:bi