

OPERATOR: Union Oil Company of California  
LEASE: Federal "AJ"  
WELL NO.: 1  
POOL: Undesignated (Esperanza Delaware)  
LOCATION: Unit Letter G, Section 10,  
Township 22 South, Range 27 East,  
Eddy County, New Mexico

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U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

DRILL STEM TESTS

No. 1 - Delaware from 4,253' to 4,391', opened tool for 15 min. pre-flow, had strong blow instantly (bottom bucket), shut in for 1 hour ISIP. Tool open for 1 hour with strong blow (bottom bucket), no increase or decrease during flow period, no oil or gas to surface, shut in for 4 hour FSIP. Pulled tool, recovered 819' drilling mud, trace of oil, 2,010' formation water. Sampler: Pressure 450 psi; Temp. 70°; Chlorides 144,000 PPM (chlorides pit 180,000 PPM). Top Chart: IHP 2233, IFP 326, FFP 624, ISIP 1974, IFP 669, FFP 1299, FSIP 1974, FHP 2222. Bottom Chart: IHP 2361, IFP 451, FFP 750, ISIP 2096, IFP 785, FFP 1110, FSIP 2096, FHP 2352.