

## RECORD OF DRILL STEM TESTS

Gulf Oil Corporation's J. T. Jennings No. 1 in SW SW of Sec. 5, T-8S, R-30E, Wildcat Field, Chaves County, New Mexico.

DST TD 7120' with 8" Johnston packer set at 7086' with 5/8" sub surface and 1" surface choke, tool open 2 1/4 hours with 15 minute build up, 3200 CF of gas to surface in 1/2 hour. Recovered 110' gas cut mud in 4 1/2" drill pipe. FP - 300#, BUP - 650#, HSP - 3900#

DST #2 - 2 hours Johnston tool 7115' to 7140', 4 1/2" drill pipe, 5/8" choke at 7096'. One 8" packer and two bombs at 7115' to 7139', safety joint at 7116', tool open 1:52 pm, closed 3:52 p.m. on 12th; gas to surface in 23 mins. 24 hr. gas volume 1810 CF. Recovered 1046' fluid, 186' gas cut mud 300' oil cut water, 10% oil and 90% water and 560' salt water, HSP 4075#, FP 400#, 15 min. closed in BHP - 3000#.

One hours "H" DST - 7958' - 7993', 4 1/2" drill pipe, 5/8" choke at 7926', two 8" packers 7968 - 7950', 2 bombs at 7931'-7991', safety joint 7961'. Tool open 9:30 a.m., closed 10:30 a.m. Sept. 6th. Slight blow of air through out test. Red. 90( drilling fluid, HSP - 4500#, FP 20#, 15 minute closed in BHP 40#.

DST -8150-97'. 4 1/2" drill pipe with 5/8" choke at 8134', two 8" packers at 8150-8142', two BHP at 8197-8195', safety joint at 8154', tool open 11:30 p.m. closed 12:30 p.m. No gas or oil Rec. 7000' fluid, 872' water cut mud, 6128' sulphur water, HSP -4500#, FP 3250#, did not obtain BHP.

"J" DST 8199-8290', 4 1/2" drill pipe, with 5/8" choke at 8180', two 8" packers at 8191', two BHP 8289-8282, safety joint at 8202', tool open 6:13 p.m. closed 7:13 p.m. Sept. 16th, weak blow of air during 20 minutes. Rec. 5' drilling fluid, HSP 4600#, FP 15#, BHP not obtained.

UNITED STATES DEPARTMENT OF THE INTERIOR

WATER RESOURCES DIVISION  
WASHINGTON, D. C. 20250

TO: DIRECTOR, ARMY CORPS OF ENGINEERS  
FROM: CHIEF, WATER RESOURCES DIVISION  
SUBJECT: [Illegible]

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