

MUD PROGRAM

GOVERNMENT T #1

1980 FWL 810 FNL

SEC. 14-T20S-R28E

EDDY COUNTY, NEW MEXICO

0' - 350'	Spud with fresh water & native mud. Mud weight 8.5 ppg. Viscosity 30-34.
350' - 3290'	Drill with fresh water & native mud. If circulation is lost & cannot be regained, dry drill to 3290' with fresh water. Mud weight 8.5 ppg. Viscosity 28-30.
3290' - 7000'	Drill with fresh water-brine system. Mud weight 9.4 - 9.5 ppg. Maintain ph of 10. Suspect salt water flow with H ₂ S at approx. 4800 feet at mud weights less than 9.3 - 9.4 ppg. Viscosity.
7000' - 10,000'	Start increasing mud weight gradually at 7000 feet to 9.8 ppg at 8500 feet. Maintain weight and viscosity as dictated by hole conditions.
10,000' - 11,6000' T.D.	Mud up at 10,000 feet. Reduce water loss to 6-10 cc prior to drilling thru the Morrow. Mud weight approximately 9.8 ppg. Viscosity 30-34 sec.

30-015-20958
Government T Com #1

14-20S-28E
Ut. C NE NW

Smead®

No. 2-153C

HASTINGS, MN
LOS ANGELES, CHICAGO, LOGAN, OH
MEMPHIS, TX, LUCAS, GROVE, GA
U.S.A.

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3-12-74

Borehole Compensated
Sonic Log - Gamma Ray
0 - 11,505

Gravel Laterlog
3018 - 11,508

Microlaterlog
9000 - 11,510

Compensated Neutron
Form Density
9000 - 11,513

WC #s 4206-3 OK
7-1-75

IT IS THEREFORE ORDERED: Case # 5204 4-10-74
Order # 4766 4-16-74

(1) That the applicant, Cities Service Oil Company, is hereby authorized to complete its Government T Well No. 1, located in Unit C of Section 14, Township 20 South, Range 28 East, NMPM, Eddy County, New Mexico, as a dual completion

(conventional) to produce gas from the Wolfcamp formation through the casing-tubing annulus and thence, by means of a crossover assembly, through tubing to the surface, and gas from the Morrow formation through tubing and thence, by means of a crossover assembly, through the casing-tubing annulus to the surface, with separation of the zones achieved by means of a packer set at approximately 10,987 feet.

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Shut-In Pressure Test Period for gas wells in South-eastern New Mexico.

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