

CITIES SERVICE OIL COMPANY
GOVERNMENT S WELL NO. 1
SEC. 3-T20S-R28E
EDDY COUNTY, NEW MEXICO

DST #1

9010-9111' (101') Wolfcamp, 3/4" B.C., no wtr. blanket. Tool opened for 15 mins. preflow with fair blow increasing to 12 psig on blow hose in 15 mins. Closed in for 90 mins. ISIP. Gas to surface in 22 mins. Reopened with good blow on 1/4" choke.

<u>Time</u>	Flowing Surface Pressure	Surface Choke	Gas Volume
5 mins.	48 psig	1/4"	82520 cfd
10 mins.	48 psig	1/4"	82520 cfd
15 mins.	48 psig	1/4"	83360 cfd
20 mins.	47 psig	1/4"	83360 cfd
25 mins.	47 psig	1/4"	83360 cfd
30 mins.	47 psig	1/4"	83360 cfd
35 mins.	47 psig	1/4"	83360 cfd
40 mins.	47 psig	1/4"	82620 cfd
45 mins.	47 psig	1/4"	80930 cfd
50 mins.	47 psig	1/4"	80930 cfd
55 mins.	47 psig	1/4"	79330 cfd
60 mins.	47 psig	1/4"	76080 cfd
65 mins.	47 psig	1/4"	76080 cfd
70 mins.	46.5 psig	1/4"	74450 cfd
75 mins.	46.5 psig	1/4"	72790 cfd
80 mins.	46.5 psig	1/4"	72790 cfd
85 mins.	46 psig	1/4"	71120 cfd
90 mins.	46 psig	1/4"	71120 cfd

Closed tool for 90 mins. FSIP. Released packers. Recovered 1 bbl. condensate API gravity 48 at 60° and 2-1/2 bbls. water 105,300 ppm chlorides (mud in pit 105,300 ppm chlorides). Sample chamber at 8972 contained 100 cc drilling fluid chlorides 105,300 ppm and 1/2 cu. ft. gas at 150 psig. BHP's as follows:

	Top Chart at 8988	Bottom Chart at 9107
IMCP	4296 psig	4341 psig
IF) 15 min. preflow	110	175
FF) 15 min. preflow	132	197
90 min. ISIP	2695	2758
IF) 90 min. flow period	132	175
FF) 90 min. flow period	221	243
90 min. FSIP	1808	1852
FMCP	4296	4341
BHT	146°F	

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