

Cities Service Oil Company  
Government-U #1  
Section 22-T20S-R28E  
Eddy County, New Mexico

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APR 4 - 1974

O. C. C.  
ARTESIA, OFFICE

DST No. 1

9120-9220' (100') Wolfcamp Ls., 5/8" BH choke, 3/8" TC. No water blanket. Tool opened with good blow. Gas to surface in 8 mins. at 5 psig. Closed tool for 90 min. ISIP. Tool opened for final flow with a good blow on 1/2" choke.

<u>Time</u>	<u>Flow Press.</u>	<u>Gas Volume</u>	<u>Remarks</u>
5 mins.	80 psig		
10 mins.	120 psig		
15 mins.	(shut in at surface)		Surface choke)
20 mins.	(" " " " )		plugged )
25 mins.	(" " " " )		)
30 mins.	220 psig	510 MCFD	
35 mins.	216 psig	412 MCFD	
40 mins.	210 psig	398 MCFD	
45 mins.	205 psig	493 MCFD	
50 mins.	200 psig	510 MCFD	
55 mins.	200 psig	495 MCFD	
60 mins.	200 psig	487 MCFD	
65 mins.	200 psig	462 MCFD	
70 mins.	200 psig	416 MCFD	
75 mins.	200 psig	445 MCFD	
80 mins.	200 psig	487 MCFD	
85 mins.	200 psig	487 MCFD	
90 mins.	200 psig	487 MCFD	

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U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

Closed tool for 90 min. FSIP. Released packers and POOH. Clock didn't run on bottom chart.

Top Chart at 9210'

IMCP	4380 psig
IF ( 8 min.)	196-222 psig
90 min. ISIP	4724 psig (constant)
FF (90 min.)	222-477 psig
90 min. FSIP	4660 psig (building slightly)
FMCP	4176 psig
BHT	150 deg. F

Recovered 450' of 53.5 API at 60° condensate and 274' brine water that titrated 138,000 ppm chlorides. Drilling fluid in pit 138,000 ppm chlorides. Sample chamber at 9095' contained 300 cc of condensate and 2.0 cu. ft. gas at 200 psig.