

Operator Phillips Petroleum Company		Lease Santa Fe			Well No. 18	
Location of Well	Unit B	Sec 34	Twp 17S	Rge 35E	County Lea	
Name of Reservoir or Pool			Type of Prod (Oil or Gas)	Method of Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size
Upper Compl	Vacuum (Yates)		Oil	Art. lift	tubing	-
Lower Compl	Vacuum (San Andres)		Oil	Art. lift	tubing	- 16/64"

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 A.M. March 7, 1960

Well opened at (hour, date): 9:00 A.M. March 8, 1960

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	<u>tbg 42 csg 281</u>	<u>2" tbg 452 1" tbg 743</u>
Stabilized? (Yes or No).....	<u>Yes No</u>	<u>No No</u>
Maximum pressure during test.....	<u>42 281</u>	<u>468 760</u>
Minimum pressure during test.....	<u>42 42</u>	<u>452 743</u>
Pressure at conclusion of test.....	<u>42 42</u>	<u>468 760</u>
Pressure change during test (Maximum minus Minimum).....	<u>0 -239</u>	<u>16 17</u>
Was pressure change an increase or a decrease?.....	<u>0 Dec</u>	<u>Inc Inc</u>
Well closed at (hour, date): <u>9:00 A.M. March 9, 1960</u>	Total Time On Production <u>24 hours</u>	
Oil Production During Test: <u>17</u> bbls; Grav. <u>35.0</u>	Gas Production During Test: <u>22.12</u> MCF; GOR <u>1301</u>	
Remarks <u>Well pumped</u>		

FLOW TEST NO. 2

Well opened at (hour, date): 9:00 A.M. March 10, 1960

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	<u>tbg 82 csg 296</u>	<u>2" tbg 468 1" tbg 760</u>
Stabilized? (Yes or No).....	<u>No No</u>	<u>Yes Yes</u>
Maximum pressure during test.....	<u>130 403</u>	<u>468 760</u>
Minimum pressure during test.....	<u>41 296</u>	<u>105 596</u>
Pressure at conclusion of test.....	<u>41 403</u>	<u>105 596</u>
Pressure change during test (Maximum minus Minimum).....	<u>89 207</u>	<u>363 164</u>
Was pressure change an increase or a decrease?.....	<u>Dec Inc</u>	<u>Dec Dec</u>
Well closed at (hour, date) <u>9:00 A.M. March 11, 1960</u>	Total time on Production <u>24 hours</u>	
Oil Production During Test: <u>45</u> bbls; Grav. <u>38.1</u>	Gas Production During Test: <u>35.6</u> MCF; GOR <u>792</u>	
Remarks <u>Well flooded</u>		

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved _____
New Mexico Oil Conservation Commission

Engineer

Operator Phillips Petroleum Company
By W. R. Brown
Title Engineer
Date March 17, 1960