

Operator TEXAS PACIFIC COAL & OIL CO.			Lease STATE "C" MINNESOTA OFFICE OOO. 1		Well 1
Location of Well	Unit A	Sec 4	Twp 12	Rge 33	County LEA
Name of Reservoir or Pool		Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod Media (Tbg or Csg)	Choke Size
Upper Compl	UPPER PENN		GAS	FLOW	Csg 23/64
Lower Compl	LOWER PENN		GAS	FLOW	Tbg 18/64

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:00 AM (8-12-59)

	Upper Completion	Lower Completion
Well opened at (hour, date):	<u>11:00 AM (8-14-59)</u>	
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>1290 CHART</u>	<u>1150 CHART</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>YES</u>
Maximum pressure during test.....	<u>1290</u>	<u>1150</u>
Minimum pressure during test.....	<u>1290</u>	<u>250</u>
Pressure at conclusion of test.....	<u>1290</u>	<u>250</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>900</u>
Was pressure change an increase or a decrease?.....	<u>-</u>	<u>DECREASE</u>
Well closed at (hour, date):	<u>11:00 AM (8-15-59)</u>	Total Time On Production <u>24 HOURS</u>
Oil Production	Gas Production	
During Test: <u>14.59</u> bbls; Grav. <u>47.0</u> ;	During Test <u>374.222</u> MCF; GOR <u>25,649</u>	
Remarks <u>TEST RESULTS INDICATE THAT THE PACKER IS SEPARATING THE TWO PRODUCING ZONES PROPERLY.</u>		

FLOW TEST NO. 2

Well opened at (hour, date):	<u>11:30 AM (8-16-59)</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>	
Pressure at beginning of test.....	<u>1290 CHART</u>	<u>1200 CHART</u>	
Stabilized? (Yes or No).....	<u>YES</u>	<u>YES</u>	
Maximum pressure during test.....	<u>1290</u>	<u>1210</u>	
Minimum pressure during test.....	<u>940</u>	<u>1200</u>	
Pressure at conclusion of test.....	<u>940</u>	<u>1210</u>	
Pressure change during test (Maximum minus Minimum).....	<u>350</u>	<u>10</u>	
Was pressure change an increase or a decrease?.....	<u>DECREASE</u>	<u>INCREASE</u>	
Well closed at (hour, date):	<u>4:00 PM (8-16-59)</u>	Total time on Production	<u>4 1/2 HOURS</u>
Oil Production	Gas Production		
During Test: <u>8.97</u> bbls; Grav. <u>71.0</u> ;	During Test <u>450.581</u> MCF; GOR <u>50,232</u>		
Remarks <u>TEST RESULTS INDICATE THAT THE PACKER IS SEPARATING THE TWO PRODUCING ZONES PROPERLY.</u>			

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

Approved <u>OCT 1 1959</u> 19	Operator <u>TEXAS PACIFIC COAL & OIL CO.</u>
New Mexico Oil Conservation Commission	By <u>JOE A. COLEMAN</u>
By <u>John W. Dunham</u>	Title <u>AGENT</u>
Title <u>Geologist</u>	Date <u>AUGUST 18, 1959</u>

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