

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator WESTERN NATURAL GAS COMPANY				Lease KING		Well No. 1	
Location of Well		Unit L	Sec 12	Twp 23s	Rge 36E	County LEA	
Name of Reservoir or Pool			Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size	
Upper Compl	JALMAT - YATES			GAS	FLOW	Csg	1.25" ORIFICE
Lower Compl	LANGLIE MATTIX-SR QUEEN			OIL	FLOW	Tbg	32/64"

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 AM (3-5-62)

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:30 AM (3-6-62)</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>630 CHART</u>	<u>400 CHART</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>NO</u>
Maximum pressure during test.....	<u>630</u>	<u>400</u>
Minimum pressure during test.....	<u>630</u>	<u>30</u>
Pressure at conclusion of test.....	<u>630</u>	<u>40</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>370</u>
Was pressure change an increase or a decrease?.....	<u>-</u>	<u>DECREASE</u>
Well closed at (hour, date): <u>8:00 AM (3-7-62)</u>	Total Time On Production <u>22 HOURS 30 MINUTES</u>	
Oil Production During Test: <u>15.81</u> bbls; Grav. <u>35.0</u>	Gas Production During Test <u>154.539</u> MCF; GOR <u>9,775</u>	

Remarks TEST RESULTS INDICATE THAT THE PACKER IS SEPARATING THE TWO PRODUCING ZONES PROPERLY.

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:00 AM (3-8-62)</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>630 CHART</u>	<u>400 CHART</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>YES</u>
Maximum pressure during test.....	<u>630</u>	<u>400</u>
Minimum pressure during test.....	<u>545</u>	<u>315</u>
Pressure at conclusion of test.....	<u>545</u>	<u>315</u>
Pressure change during test (Maximum minus Minimum).....	<u>85</u>	<u>85</u>
Was pressure change an increase or a decrease?.....	<u>DECREASE</u>	<u>DECREASE</u>
Well closed at (hour, date): <u>12:00 NOON (3-9-62)</u>	Total time on Production <u>27 HOURS</u>	
Oil Production During Test: <u>-</u> bbls; Grav. <u>-</u>	Gas Production During Test <u>763.764</u> MCF; GOR <u>-</u>	

Remarks TEST RESULTS INDICATE THAT THE PACKER IS SEPARATING THE TWO PRODUCING ZONES PROPERLY.

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

Approved _____ 19____
New Mexico Oil Conservation Commission

By _____
Title _____

Operator WESTERN NATURAL GAS COMPANY
By COLEMAN PETROLEUM ENGINEERING CO.
Title AGENT
Date MARCH 16, 1962

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