

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator WESTERN NATURAL GAS COMPANY				Lease STEELER		Well No. 2	
Location of Well	Unit N	Sec 19	Twp 23s	Rge 37E	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	3 3/4" ORIFICE	
Lower Compl	LANGLIE MATTIX-SR QUEEN		OIL	PUMP	Tbg	2"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:45 AM (3-7-61)

Well opened at (hour, date):	Upper Completion	Lower Completion
<u>10:00 AM (3-8-61)</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>715 CHART</u>	<u>690 CHART</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>YES</u>
Maximum pressure during test.....	<u>715</u>	<u>690</u>
Minimum pressure during test.....	<u>650</u>	<u>250</u>
Pressure at conclusion of test.....	<u>650</u>	<u>265</u>
Pressure change during test (Maximum minus Minimum).....	<u>65</u>	<u>440</u>
Was pressure change an increase or a decrease?.....	<u>DECREASE</u>	<u>DECREASE</u>
Well closed at (hour, date): <u>9:00 AM (3-9-61)</u>	Total Time On Production <u>24 HOURS</u>	
Oil Production During Test: <u>15.0</u> bbls; Grav. <u>35.0</u> ;	Gas Production During Test <u>62.0</u> MCF; GOR <u>4133</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):	Upper Completion	Lower Completion
<u>9:00 AM (3-10-61)</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>725 CHART</u>	<u>680 CHART</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>YES</u>
Maximum pressure during test.....	<u>725</u>	<u>680</u>
Minimum pressure during test.....	<u>650</u>	<u>640</u>
Pressure at conclusion of test.....	<u>650</u>	<u>640</u>
Pressure change during test (Maximum minus Minimum).....	<u>75</u>	<u>40</u>
Was pressure change an increase or a decrease?.....	<u>DECREASE</u>	<u>DECREASE</u>
Well closed at (hour, date): <u>9:00 AM (3-11-61)</u>	Total time on Production <u>24 HOURS</u>	
Oil Production During Test: <u>-</u> bbls; Grav. <u>-</u> ;	Gas Production During Test <u>2891.5</u> MCF; GOR <u>-</u>	
Remarks _____		

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	Operator <u>WESTERN NATURAL GAS COMPANY</u>
By _____	By <u>COLEMAN PETROLEUM ENGINEERING CO.</u>
Title _____	Title <u>AGENT</u>
	Date <u>MARCH 16, 1961</u>

as for Ring Test No. 1 except that the previous v. value was 0.000 and the rain should be the previous v. value of 0.000.

2. All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges. The gauges used shall be checked with a dead weight tester, at least once during the test beginning and ending at the end of each time test.

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