

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator WESTERN NATURAL GAS CO.			Lease KING			Well No. 1	
Location of Well	Unit L	Sec 12	Twp 23	Rge 36	County LEA		
	Name of Reservoir or Pool		Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Casing Size	
Upper Compl	JALMAT - YATES		GAS	FLOW	CSG	1/2"	
Lower Compl	LANOLIE MATTIX-SEVEN RIVERS QUEN		OIL	FLOW	TBG	16/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 AM (9-12-60)

Well opened at (hour, date): <u>10:00 AM (9-13-60)</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>750 CHART</u>	<u>660 CHART</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>YES</u>
Maximum pressure during test.....	<u>750</u>	<u>660</u>
Minimum pressure during test.....	<u>750</u>	<u>60</u>
Pressure at conclusion of test.....	<u>750</u>	<u>255</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>600</u>
Was pressure change an increase or a decrease?.....	<u>-</u>	<u>DECREASE</u>
Well closed at (hour, date): <u>10:00 AM (9-14-60)</u>	Total Time On Production <u>24 HOURS</u>	
Oil Production During Test: <u>72.41</u> bbls; Grav. <u>34.9</u>	Gas Production During Test <u>126.685</u> MCF; GOR <u>1749</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>6:30 AM (9-15-60)</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>750 CHART</u>	<u>720 CHART</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>YES</u>
Maximum pressure during test.....	<u>750</u>	<u>740</u>
Minimum pressure during test.....	<u>600</u>	<u>720</u>
Pressure at conclusion of test.....	<u>600</u>	<u>720</u>
Pressure change during test (Maximum minus Minimum).....	<u>150</u>	<u>20</u>
Was pressure change an increase or a decrease?.....	<u>DECREASE</u>	<u>INCREASE</u>
Well closed at (hour, date): <u>12:00 MIDNIGHT (9-15-60)</u>	Total time on Production <u>17 HOURS 30 MINUTES</u>	
Oil Production During Test: <u>0</u> bbls; Grav. <u>-</u>	Gas Production During Test <u>1,879.2</u> MCF; GOR <u>-</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>SEP 19 1960</u> 19 <u>W.E.</u> New Mexico Oil Conservation Commission	Operator <u>WESTERN NATURAL GAS COMPANY</u>
By <u>[Signature]</u>	By <u>COLEMAN PETROLEUM ENGINEERING CO.</u>
Title <u>[Signature]</u>	Title <u>AGENT</u>
	Date <u>SEPTEMBER 19, 1960</u>

