

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>Skelly Oil Company</b>			Lease <b>Las Cruces "C"</b>			Well No. <b>1</b>	
Location of Well	Unit <b>G</b>	Sec <b>23</b>	Twp <b>25-S</b>	Rge <b>37-E</b>	County <b>Lea</b>		
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	<b>Justis Elinebry</b>		<b>Oil</b>	<b>Flow</b>	<b>Tbg.</b>	<b>10/64</b>	
Lower Compl	<b>Justis Tabb-Drinkard</b>		<b>Oil</b>	<b>Flow</b>	<b>Tbg.</b>	<b>6/64</b>	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 A.M. March 2, 1964

Well opened at (hour, date): <u>10:00 A.M. March 3, 1964</u>	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....		<b>xx</b>
Pressure at beginning of test.....	<b>858</b>	<b>950</b>
Stabilized? (Yes or No).....	<b>No</b>	<b>No</b>
Maximum pressure during test.....	<b>863</b>	<b>950</b>
Minimum pressure during test.....	<b>858</b>	<b>372</b>
Pressure at conclusion of test.....	<b>863</b>	<b>481</b>
Pressure change during test (Maximum minus Minimum).....	<b>5</b>	<b>578</b>
Was pressure change an increase or a decrease?.....	<b>Increase</b>	<b>Decrease</b>
Well closed at (hour, date): <u>10:00 A.M. March 4, 1964</u>	Total Time On Production	<b>2 1/2 hours</b>
Oil Production During Test: <u>56</u> bbls; Grav. <u>36.4</u>	Gas Production During Test: <u>168</u> MCF; GOR	<b>3,000</b>
Remarks <u>Tabb Drinkard</u>		

FLOW TEST NO. 2

Well opened at (hour, date): <u>10:00 A.M. March 5, 1964</u>	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....	<b>xx</b>	
Pressure at beginning of test.....	<b>876</b>	<b>947</b>
Stabilized? (Yes or No).....	<b>Yes</b>	<b>No</b>
Maximum pressure during test.....	<b>876</b>	<b>976</b>
Minimum pressure during test.....	<b>350</b>	<b>947</b>
Pressure at conclusion of test.....	<b>550</b>	<b>976</b>
Pressure change during test (Maximum minus Minimum).....	<b>526</b>	<b>29</b>
Was pressure change an increase or a decrease?.....	<b>Increase</b>	<b>Increase</b>
Well closed at (hour, date): <u>10:00 A.M. March 6, 1964</u>	Total time on Production	<b>2 1/2 hours</b>
Oil Production During Test: <u>54</u> bbls; Grav. <u>37.3</u>	Gas Production During Test: <u>55</u> MCF; GOR	<b>1,004</b>
Remarks <u>Elinebry</u>		

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>SKELLY OIL COMPANY</u> By <u>Charles J. Love</u> Charles J. Love Title <u>District Engineer</u> Date <u>March 17, 1964</u>
By _____ Title _____	

4. Wellbore leakage tests shall be conducted on each well during the well drilling, even prior to the completion of the well. The tests shall thereafter be repeated at regular intervals, and at the discretion of the Services, during the drilling and completion of the well. If multiple completions within 30 days following recompletion and/or chemical or fracture treatment, and/or remedial work has been done on a well during which the wellbore integrity testing have been disturbed, tests shall also be taken at any time when communication is suspected or when requested by the Commission.
5. At least 72 hours prior to the commencement of any further drilling, the operator shall notify the Commission in writing of the date and time of the test is to be conducted. The operator shall also file a copy of the test report with the Commission.
6. The packer, cement and well completion shall be tested prior to the completion are shall be pressure stabilized and the well shall be shut-in until the wellbore pressure in each well zone has reached a minimum of two hours thereafter, provided however, that the flow and leak shut-in may be for a shorter period.
7. For Flow Test: Each zone of the well completion shall be tested at the normal rate of production while the other zone remains shut-in. The test shall be conducted until the flowing wellbore pressure has been stabilized and the wellbore pressure has remained constant for a minimum of two hours thereafter, provided however, that the flow and leak shut-in may be for more than 72 hours.

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HOBBS OFFICE O.C.C.