

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease Learey McBuffington			Well No. 5	
Location of Well	Unit J	Sec 13	Twp 25S	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	Justis Paddock		Oil	Flow	Tbg.	14/64"	
Lower Compl	Justis Blinebry		Oil	Flow	Tbg.	12/64"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:30 A. M. 5-10-66

	Upper Completion	Lower Completion
Well opened at (hour, date):	<u>10:30 A. M. 5-11-66</u>	
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>1384</u>	<u>1299</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>No</u>
Maximum pressure during test.....	<u>1384</u>	<u>1299</u>
Minimum pressure during test.....	<u>1099</u>	<u>1271</u>
Pressure at conclusion of test.....	<u>1099</u>	<u>1271</u>
Pressure change during test (Maximum minus Minimum).....	<u>285</u>	<u>28</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Decrease</u>
Total Time On Production		
Well closed at (hour, date):	<u>10:30 A. M. 5-12-66</u>	<u>24 hours</u>
Oil Production	Gas Production	
During Test: <u>41</u> bbls; Grav. <u>38.5</u> ;	During Test <u>1027</u>	MCF; GOR <u>18,672</u>
Remarks _____		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date):	<u>11:00 A. M. 5-13-66</u>	
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>1380</u>	<u>1297</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>No</u>
Maximum pressure during test.....	<u>1380</u>	<u>1297</u>
Minimum pressure during test.....	<u>1380</u>	<u>1240</u>
Pressure at conclusion of test.....	<u>1380</u>	<u>1240</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>57</u>
Was pressure change an increase or a decrease?.....	<u>No change</u>	<u>Decrease</u>
Total time on Production		
Well closed at (hour, date):	<u>11:00 A. M. 5-14-66</u>	<u>24 hours</u>
Oil Production	Gas Production	
During Test: <u>87</u> bbls; Grav. <u>38.8</u> ;	During Test <u>996</u>	MCF; GOR <u>11,448</u>
Remarks <u>This well was retested in accordance with verbal OCC instructions. Bottom-hole pressure bomb was run in the Blinebry zone and left in the hole for 72 hours. A 53 psi pressure decrease was noted in the Blinebry during the 24 hour period the Paddock zone was produced. This pressure decrease may be caused by temperature cooling from producing a high GOR well. Fluid production tests and well head pressures are dissimilar indicating well is not in communication.</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

By _____
Title _____

Operator Gulf Oil Corporation
By W. W. Whitaker
Title Area Engineer
Date May 16, 1966

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FBI AUTOMATIC DECLASSIFICATION GUIDE

1. The following information is being furnished to you for your information only. It is not intended to constitute an offer of insurance or any other financial product. The information is being provided to you for your information only and should not be used as a basis for any investment decision. The information is being provided to you for your information only and should not be used as a basis for any investment decision.

"It is necessary throughout the entire work that the people be informed and equipped with reading material. At the same time, the whole of the work must be done with a constant feeling of responsibility for the people, and the people must be able to feel the pulse of the work."

[illegible]

2. For the first 24 hours after the start of the fire, completion shall be greater than the normal rate of completion while the other zone remains stabilized. After 24 hours shall not be less than the normal rate of completion. If the flowing overland pressure has become stabilized at 100 psi or less within 48 hours thereafter, provided however that the flowing overland pressure remains above 50 psi for more than 24 hours.

[illegible]

MAY 18 11 08 AM '66

HOBBS OFFICE O.C.C.