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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103

HOBBS OFFICE O. C. C.

(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

DEC 27 3 07 PM '63

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Macdonald Oil Corporation				Address Box 5402 - Midland, Texas			
Lease Gulf Mattern	Well No. 1	Unit Letter J	Section 30	Township 21 S	Range 37 E		
Date Work Performed	Pool Paddock			County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☒ Other (Explain): **Temp. abandoned (Paddock Zone)**
- ☐ Plugging
 ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

This well was dually completed on 10-3-63. Approved by order #MC-1358.
 After treating and production tests were made the Paddock zone was found to
 be non-commercial. The Paddock zone was temporarily abandoned 11-4-63.
 This zone will be plugged in the near future.
 Packer leakage test filed and approved 11-18-63.

Witnessed by <i>J. M. Peters</i>		Position Division Engineer		Company Macdonald Oil Corporation	
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY					
ORIGINAL WELL DATA					
D F Elev. 3492	T D 6722	P B T D	Producing Interval Drinkard		Completion Date 6-20-63
Tubing Diameter 2"		Tubing Depth 5212 Paddock		Oil String Diameter 7"	Oil String Depth 6722
Perforated Interval(s) 5179-85 Paddock		600-34 Drinkard			
Open Hole Interval			Producing Formation(s) Drinkard and Paddock		
RESULTS OF WORKOVER					
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl
Before Workover					
After Workover					
OIL CONSERVATION COMMISSION			I hereby certify that the information given above is true and complete to the best of my knowledge.		
Approved by <i>J. M. Peters</i>			Name <i>J. M. Peters</i>		
Title			Position Division Engineer		
Date			Company Macdonald Oil Corporation		

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator MACDONALD OIL CORPORATION			Lease Gulf Mattern			Well No. 1	
Location of Well	Unit J	Sec 30	Twp 21 S	Rge 37 E	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	Paddock		Oil	Pump	Tbg.	2"	
Lower Compl	Drinkard		Oil	Flow	Flow	21/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:00 A.M. 10-29-63

Well opened at (hour, date):	Upper Completion	Lower Completion
8:00 A.M. 10-30-63		
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	65	475
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	65	475
Minimum pressure during test.....	35	475
Pressure at conclusion of test.....	35	475
Pressure change during test (Maximum minus Minimum).....	30	0
Was pressure change an increase or a decrease?.....	decrease	0
Well closed at (hour, date): 4:30 P.M. 10-30-63	Total Time On Production 8-1/2 hrs.	
Oil Production	Gas Production	
During Test: 3 bbls; Grav. 34°	During Test 2.5	MCF; GOR 833

Remarks

FLOW TEST NO. 2

Well opened at (hour, date):	Upper Completion	Lower Completion
8:00 A.M. 10-31-63		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	60	475
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	60	475
Minimum pressure during test.....	60	110
Pressure at conclusion of test.....	0	110
Pressure change during test (Maximum minus Minimum).....	0	365
Was pressure change an increase or a decrease?.....	0	decrease
Well closed at (hour, date): 6:00 P.M. 10-31-63	Total time on Production 10 hrs.	
Oil Production	Gas Production	
During Test: 41 bbls; Grav. 36°	During Test 64.6	MCF; GOR 1576

Remarks No indication of communication between zones.

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 MACDONALD OIL CORPORATION

By James B. McPeters

Title Division Engineer

Date November 8, 1963

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.
2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 24 hours.
4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued until the flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with paragraph 3 above.
6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall remain shut-in while the previously shut-in zone is produced.
7. All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked with a deadweight tester at least twice, once at the beginning and once at the end, of each flow test.
8. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission on Southeast New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating thereon all pressure changes which may be reflected by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form C-116 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

