

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Continental Oil Company			Lease Skaggs B-12		WELLS OFFICE No. 1	
Location of Well	Unit E	Sec 12	Twp 20	Rge 10	County AM 10:14	
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	Skaggs-Glorieta		Oil	Art. Lift	Tbg.	open
Lower Compl	Skaggs-Drinkard		Oil	Flow	Tbg.	open

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 A.M. 1-11-60

Well opened at (hour, date): 9:30 A.M. 1-12-60	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	1/2 lb.	1184
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	1/2 lb.	1295
Minimum pressure during test.....	1/2 lb.	1184
Pressure at conclusion of test.....	1/2 lb.	1295
Pressure change during test (Maximum minus Minimum).....	None*	111
Was pressure change an increase or a decrease?.....	-	Increase

Well closed at (hour, date): 9:30 A.M. 1-13-60

Oil Production 47	Gas Production 7.40	Total Time On Production 24 hours
During Test: 47 bbls; Grav. 39		MCF; GOR 157

Remarks *Well loaded with fluid.

FLOW TEST NO. 2

Well opened at (hour, date): 9:30 A.M. 1-14-60

Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	2	1358
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	2 1/2	1358
Minimum pressure during test.....	2	99
Pressure at conclusion of test.....	2 1/2	99
Pressure change during test (Maximum minus Minimum).....	1/2	1259
Was pressure change an increase or a decrease?.....	Increase	Decrease

Well closed at (hour, date): 9:30 A.M. 1-15-60

Oil Production 39	Gas Production 97.5	Total time on Production 24 hours
During Test: 39 bbls; Grav. 40		MCF; GOR 3,362

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
By _____
Title _____
Date _____

Operator Continental Oil Company
By _____
Title District Superintendent
Date 2-8-66

CONT'D - NEW MEXICO PACKER 15-81

1. The contractor shall submit a written commitment to the contractor's superintendent that the contractor will not use any federal contract funds for the purpose of ordering or receiving any goods or services from a contractor who has been placed on a written prohibition within 30 days following revocation and/or chemical or fracture treatment and after one year of work has been done on a well during which the contractor was prohibited from being contracted. Fats shall also be taken at a time that is satisfactory to the supervisor when requested by the Commission.

At least one of the operators of the common system shall be designated as the operator of the common system in writing by the Commission. The operator of the common system shall also be responsible for

3. The packing shall not be commenced when both zones of the dual differential pressure stabilizer are stabilized. One zone shall remain stabilized at a higher pressure in excess of stabilized and for a period of two hours thereafter, provided however, that they need not remain stabilized for more than 24 hours.

1. The completion of the last completion shall be considered the completion of the well. The completion shall be considered the completion of the well. The completion shall be considered the completion of the well.

...two hours thereof as provided, however, ...
...for more than 24 hours

and the β parameter is estimated by the following equation:

$$\beta = \frac{\sum_{i=1}^n (x_i - \bar{x})(y_i - \bar{y})}{\sum_{i=1}^n (x_i - \bar{x})^2} \quad (1)$$

and α is estimated by the following equation:

$$\alpha = \bar{y} - \beta \bar{x} \quad (2)$$

and α and β are the parameters to be estimated. The regression line is then used to predict the value of y for a given value of x .

Throughout the cut test, shell hardness was maintained with the use of a shell which went on through with a regular size of shell.

Journal of Management Inquiry 16(1) 41–56

within 15 days after completion of the test. Tests were performed at the appropriate District Office or the District Health Officer's Office. The District Health Officer was responsible for the proper recording of results and for the appropriate action which was taken according to the findings.

1. The first step is to identify the problem. This involves understanding the current situation and the goals that need to be achieved.

company the Jackson Lake.

PACKER 1 AKAGE TEST
CONTINENTAL OIL COMPANY
Skaggs B-12 No.1
Unit D, Sec. 12-20-37.
Oil-Oil Dual
Jan. 11-15, 1960

