

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Pan American Petroleum Corporation			Lease Eva Owen "P"			Well No. 4	
Location of Well	Unit H	Sec 24	Twp 21	Rge 37	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	Blindery		Gas	Flow	Csg.	24/64	
Lower Compl	Brinkard		Oil	Flow	Tbg.	25/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 11:00 A.M. 2-6-61

Well opened at (hour, date):	Upper Completion	Lower Completion
11:00 A.M. 2-7-61		
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	1490	440
Stabilized? (Yes or No).....	Yes	No
Maximum pressure during test.....	1490	560
Minimum pressure during test.....	1140	440
Pressure at conclusion of test.....	1140	560
Pressure change during test (Maximum minus Minimum).....	350	120
Was pressure change an increase or a decrease?.....	Decrease	Decrease
Well closed at (hour, date): 11:00 A.M. 2-8-61	Total Time On Production 24 hrs.	
Oil Production	Gas Production High Press. 787	48,200
During Test: 16.32 bbls; Grav. 56°API	; During Test Low Press. 20 MCF; GOR	1,230
Remarks		

FLOW TEST NO. 2

Well opened at (hour, date):	Upper Completion	Lower Completion
11:00 A.M. 2-9-61		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	1500	600
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	1540	200
Minimum pressure during test.....	1500	90
Pressure at conclusion of test.....	1540	90
Pressure change during test (Maximum minus Minimum).....	40	110
Was pressure change an increase or a decrease?.....	Increase	Decrease
Well closed ^{off test} at (hour, date): 11:00 A.M. 2-10-61	Total time on Production 24 hrs.	
Oil Production	Gas Production	
During Test: 26.31 bbls; Grav. 38°API	; During Test 270 MCF; GOR	10,250
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

Operator Pan American Petroleum Corporation

By _____
Original Signed By: E. W. MEEK

By _____
Title _____

Title Area Engineer
Date February 28, 1961

✓

2. Backfilling must shall be commenced on each multiply completed well within seven days after actual completion of the well, and approval therefor as required by the order authorizing the multiple completion. Backfilling shall 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 an evaluation is requested or when requested by the Commission.

At least 15 days prior to the commencement of any parking enforcement, the operator shall notify the Commission in writing of the exact time and date as to be commenced. Offset operators shall also be so notified.

The backer pressure test shall commence when both zones of the dual backer are ready for pressure stabilization. Both zones shall remain saturated until the well-head pressure in each has stabilized and a minimum of two hours thereafter, provided however, that they need not remain saturated more than 48 hours.

4. For flow test No. 1, one zone of the dual completion shall be produced at a flow rate of production while the other zone remains shut in. If the shut in zone is closed until the flowing wellhead pressure has become stabilized and a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

1. Manufacturer Model No. Test No. Date Page

2. Location Duration Remarks Signature

6. The Test No. 2 shall be as follows:

(a) The test shall be conducted at the following conditions:

(i) Temperature: 70°F ± 5°F

(ii) Humidity: 50% ± 5%

(iii) Wind speed: 10 mph ± 2 mph

(iv) Air pressure: 14.7 psi ± 0.1 psi

(v) Soil moisture: 10% ± 2%

(vi) Light intensity: 1000 lux ± 100 lux

(vii) Noise level: 80 dB ± 5 dB

(viii) Vibration: 0.5 g ± 0.1 g

(ix) Acceleration: 1g ± 0.1g

(x) Deceleration: 1g ± 0.1g

(xi) Shock: 10g ± 0.5g

(xii) Impact: 10g ± 0.5g

(xiii) Torsion: 10g ± 0.5g

(xiv) Compression: 10g ± 0.5g

(xv) Tension: 10g ± 0.5g

(xvi) Bending: 10g ± 0.5g

(xvii) Twisting: 10g ± 0.5g

(xviii) Shear: 10g ± 0.5g

(xix) Pulling: 10g ± 0.5g

(xx) Pushing: 10g ± 0.5g

(xxi) Lifting: 10g ± 0.5g

(xxii) Lowering: 10g ± 0.5g

(xxiii) Moving: 10g ± 0.5g

(xxiv) Stopping: 10g ± 0.5g

(xxv) Starting: 10g ± 0.5g

(xxvi) Turning: 10g ± 0.5g

(xxvii) Rotating: 10g ± 0.5g

(xxviii) Oscillating: 10g ± 0.5g

(xxix) Vibrating: 10g ± 0.5g

(xxx) Shaking: 10g ± 0.5g

(xxxi) Jarring: 10g ± 0.5g

(xxxii) Colliding: 10g ± 0.5g

(xxxiii) Impacting: 10g ± 0.5g

(xxxiv) Striking: 10g ± 0.5g

(xxxv) Crushing: 10g ± 0.5g

(xxxvi) Breaking: 10g ± 0.5g

(xxxvii) Destroying: 10g ± 0.5g

(xxxviii) Damaging: 10g ± 0.5g

(xxxix) Weakening: 10g ± 0.5g

(xl) Strengthening: 10g ± 0.5g

(xli) Improving: 10g ± 0.5g

(xlii) Enhancing: 10g ± 0.5g

(xliii) Boosting: 10g ± 0.5g

(xliv) Amplifying: 10g ± 0.5g

(xlv) Increasing: 10g ± 0.5g

(xlvi) Decreasing: 10g ± 0.5g

(xlvii) Reducing: 10g ± 0.5g

(xlviii) Minimizing: 10g ± 0.5g

(xlvix) Maximizing: 10g ± 0.5g

(cl) Optimizing: 10g ± 0.5g

(cli) Fine-tuning: 10g ± 0.5g

(clii) Adjusting: 10g ± 0.5g

(cliii) Calibrating: 10g ± 0.5g

(cliv) Synchronizing: 10g ± 0.5g

(clv) Coordinating: 10g ± 0.5g

(clvi) Integrating: 10g ± 0.5g

(clvii) Combining: 10g ± 0.5g

(clviii) Merging: 10g ± 0.5g

(clvix) Blending: 10g ± 0.5g

(clx) Mixing: 10g ± 0.5g

(clxi) Joining: 10g ± 0.5g

(clxii) Connecting: 10g ± 0.5g

(clxiii) Linking: 10g ± 0.5g

(clxiv) Binding: 10g ± 0.5g

(clxv) Attaching: 10g ± 0.5g

(clxvi) Fastening: 10g ± 0.5g

(clxvii) Securing: 10g ± 0.5g

(clxviii) Locking: 10g ± 0.5g

(clxix) Unlocking: 10g ± 0.5g

(clxx) Opening: 10g ± 0.5g

(clxxi) Closing: 10g ± 0.5g

(clxxii) Shutting: 10g ± 0.5g

(clxxiii) Turning off: 10g ± 0.5g

(clxxiv) Turning on: 10g ± 0.5g

(clxxv) Switching: 10g ± 0.5g

(clxxvi) Flipping: 10g ± 0.5g

(clxxvii) Toggling: 10g ± 0.5g

(clxxviii) Cycling: 10g ± 0.5g

(clxxix) Repeating: 10g ± 0.5g

(clxxx) Iterating: 10g ± 0.5g

(clxxxi) Looping: 10g ± 0.5g

(clxxxii) Branching: 10g ± 0.5g

(clxxxiii) Merging back: 10g ± 0.5g

(clxxxiv) Exiting: 10g ± 0.5g

(clxxxv) Returning: 10g ± 0.5g

(clxxxvi) Resuming: 10g ± 0.5g

(clxxxvii) Continuing: 10g ± 0.5g

(clxxxviii) Proceeding: 10g ± 0.5g

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the pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure transducer or other device which must be checked with a dead-weight tester or other suitable device, recording an error at the end of each flow test.

[illegible]

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