

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Cities Service Oil Company			Lease Brunson "B"		Well No. 3	
Location of Well	Unit M	Sec 3	Twp 22S	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	Tubb		Gas	Flow	Casing	16/64"
Lower Compl	Drinkard		Oil	Flow	Tubing	22/64"

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:15 a.m. 3-18-73

	Upper Completion	Lower Completion
Well opened at (hour, date): 7:45 a.m. 3-19-73		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	1245	1250
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	1245	1250
Minimum pressure during test.....	525	350
Pressure at conclusion of test.....	525	350
Pressure change during test (Maximum minus Minimum).....	720	900
Was pressure change an increase or a decrease?.....	Decrease	Decrease
Well closed at (hour, date): 7:45 a.m. 3-20-73	Total Time On Production 24 hours	
Oil Production	Gas Production	
During Test: 9 bbls; Grav. 39	During Test 588	MCF; GOR 65.333

Remarks It appears that we have a packer leak and we are making preparations to repair it.

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): 8:00 a.m. 3-21-73		
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	1225	1225
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	1225	1225
Minimum pressure during test.....	750	1025
Pressure at conclusion of test.....	1200	1200
Pressure change during test (Maximum minus Minimum).....	475	200
Was pressure change an increase or a decrease?.....	Decrease	Decrease
Well closed at (hour, date) 8:00 a.m. 3-22-73	Total time on Production 24 hours	
Oil Production	Gas Production	
During Test: 8 bbls; Grav. 37	During Test 42	MCF; GOR 5,250

Remarks It appears that we have a packer leak and we are making preparations to repair it.

Leak repair immediately

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 Cities Service Oil Company

By Mike Daniel

By _____
Title _____

Title Production Engineer

Date March 29, 1973