

NEW MEXICO OIL CONSERVATION DIVISION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Revised June 9, 2003

Well

30-015-20368

Operator Chaparral Energy, LLC Lease Little Jewel Com No. 1  
Location Of Well: Unit F Section 31 Township 22S Range 27E County Eddy

	Name of Reservoir or Pool	Type of Prod. (Oil or Gas)	Method of Prod. (Flow Art. Lift)	Prod. Medium (Tbg. Or Cag.)	Choke Size
Upper Completion	S. Carlsbad Strawn	Gas	Flow	Csg	Open
Lower Completion	S. Carlsbad Morrow	Gas	Flow	Tbg	Open

**FLOW TEST NO. 1**

Both zones shut-in at (hour, date): 10/4/04 2:00 pm

Well opened at (hour, date): 10/5/04 2:00 pm Upper Completion Lower Completion

Indicate by (X) the zone producing..... X

Pressure at beginning of test..... 54

Stabilized? (Yes or No)..... Yes

Maximum pressure during test..... 53

Minimum pressure during test..... 53

Pressure at conclusion of test..... 53

Pressure change during test (Maximum minus Minimum)..... 1

Was pressure change an increase or a decrease?..... Decrease

Well closed at (hour, date): 10/6/04 2:00 pm Total Time On Production 24 hrs

Oil Production 0 bbls; Grav. NA Gas Production 357 MCF; GOR NA

During Test: 0 bbls; Grav. NA ; During Test 357 MCF; GOR NA

Remarks: \_\_\_\_\_

**FLOW TEST NO. 2**

Both zones shut-in at (hour, date): 10/6/04 2:00 pm

Well opened at (hour, date): 10/7/04 2:00 pm Upper Completion Lower Completion

Indicate by (X) the zone producing..... X

Pressure at beginning of test..... 33

Stabilized? (Yes or No)..... Yes **RECEIVED**

Maximum pressure during test..... 31 **NOV 02 2004**

Minimum pressure during test..... 31 **OGG ARTESIA**

Pressure at conclusion of test..... 31

Pressure change during test (Maximum minus Minimum)..... 2

Was pressure change an increase or a decrease?..... Decrease

Well closed at (hour, date): 10/8/04 2:00 pm Total Time On Production 24 hrs

Oil Production 0 bbls; Grav. NA Gas Production 554 MCF; GOR NA

During Test: 0 bbls; Grav. NA ; During Test 554 MCF; GOR NA

Remarks: \_\_\_\_\_

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved NOV 3 2004 20 \_\_\_\_\_  
New Mexico Oil Conservation Division

By \_\_\_\_\_  
Title \_\_\_\_\_

Operator Chaparral Energy, LLC  
By Leigh Kuykendall  
Title Engineering Tech  
E-mail Address leighk@chaparralenergy.com  
Date 10/29/04

24 HRS  
CASS ST  
FLOW TUB 52 lbs  
24 HRS  
554 MCF 0 fluid

ON  
10-4-04  
2:00 P.M.

1  
off  
10-6-04  
2:00 P.M.

RECEIVED  
NOV 02 2004  
OPERATIONS

42 lbs  
CASS ST 24 HRS  
TUB 24 HRS  
186 lbs

SI Tub 24 HRS 192 lbs  
Flow cos 24 HRS 31-16's 357 MCF NO FLUID

RECEIVED  
NOV 02 2004  
HALL-AMERICA

ON  
10-6-04  
2:00 P.M.

OFF  
10-8-04  
2:00 P.M.

SI Tub 24 HRS 186 lbs  
SI cos 24 HRS 44 lbs