

Submit 3 Copies  
to Appropriate  
District Office

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT I  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT I  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department  
**OIL CONSERVATION DIVISION**  
2040 Pacheco St.  
Santa Fe, New Mexico 87505

Form C-103  
Revised 1-1-89

WELL API NO.

5. Indicate Type of Lease

STATE ☐

FEE

☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

*J.E. Decker*

8. Well No.

*#3C*

9. Pool name or Wildcat

*Blanco Mesa Verde*

**SUNDRY NOTICES AND REPORTS ON WELLS**

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well:

OIL

GAS

WELL ☐

WELL ☒

OTHER

2. Name of Operator

*Great Western Drilling Company*

3. Address of Operator

*c/o Walsh Engineering, 7415 East Main Street, Farmington, NM 87402*

4. Well Location

Unit Letter *N* : *775'*

Feet From The *South*

Line and *1890'*

Feet From The *West*

Line

Section *8*

Township *32N* Range *11W*

NMPM

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
*6601' GL*

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data  
**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG & ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: *Treatment Report* ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent date, including estimated date of starting any proposed work).  
SEE RULE 1103.

*8/28/01 Fraced well according to the attached treatment report.*



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

SIGNATURE

*Paul C. Thompson*

TITLE *Agent/Engineer*

DATE *10/30/01*

TYPE OR PRINT NAME

*Paul C. Thompson*

TELEPHONE NO. *327-4892*

(This space for State Use)

**SPECIAL SIGNED BY CHARLES T. PERRIN**

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

**SENIOR OIL & GAS INSPECTOR, DIST. 3**

**NOV - 1 2001**

## FRACTURE TREATMENT REPORT

Operator: Great Western Drilling Well Name: J.E. Decker #3C  
 Date: 28-Aug-01 Location: 8/32N/11W County: San Juan State: NM  
 Field: Blanco Mesa Verde Supervisor: Paul Thompson  
 Stimulation Company: Schlumberger

Stage #: 1/3 Point Lookout

Sand on location (design): 90,000 Weight ticket: 242,500 Size/type: 20/40 Brady  
 Fluid on location : No. of Tanks: 23 Strap: 20' Amount: 9200 Usable: 8280

Perforations: Depth: 5554' - 5887' Total Holes: 42 PBTD: 5912' KB  
 Shots per foot: 1 EHD: 0.34"

Breakdown: Acid: 1000 gal 15% HCl Comments: Well broke at 3000#. Disp acid at 35 BPM and 140 psi.  
 Balls: 72 Good ball action and complete ball off  
 Pressure: 0 - 3500# Rate: 0 - 35 BPM  
 Recovered 72 balls with 34 hits

### Stimulation

ATP: 1,500 AIR: 67 BPM  
 MTP: 1,750 MIR: 68 BPM

ISIP: 0#  
 5 min:  
 10 min:  
 15 min:

| Sand Stage | Pressure        |
|------------|-----------------|
| pad        | 1281# at 65 BPM |
| 0.5 ppg    | 1120# at 65 BPM |
| 1.0 ppg    | 1200# at 68 BPM |
| 1.5 ppg    | 1620# at 68 BPM |

Job Complete at: 11:25 hrs. Date: 8/28/01 Start flow back:  
 Total Fluid Pumped: 3021 Bbls  
 Total Sand Pumped: 88,690 Total Sand on Formation: 88,690  
 Total Nitrogen Pumped: NA

### Notes:

Pressure increased twice during the job to 1750# but broke back each time. Increased friction reducer from 0.5 gal/1000 to 1.0 gal/1000 half way through 1 PPG stage.

Signature Paul Thompson

## FRACTURE TREATMENT REPORT

Operator: Great Western Drilling Well Name: J.E. Decker #3C  
 Date: 28-Aug-01 Location: 8/32N/11W County: San Juan State: NM  
 Field: Blanco Mesa Verde Supervisor: Paul Thompson  
 Stimulation Company: Schlumberger

Stage #: 2/3 Menefee

Sand on location (design): 135,000 Weight ticket: Size/type: 20/40 Brady

Fluid on location : No. of Tanks: 14.5 Strap: 20 Amount: 5800 Usable: 5200

Perforations: Depth: 5258' - 5488' Total Holes: 35 PBTD: 5530' CIBP  
 Shots per foot: 1 EHD: 0.34"

Breakdown: Acid: 1000 gal 15% HCl Comments: Well broke at 1680. Disp acid at 21 BPM and 1500 psi.  
 Balls: 72 Good ball action and complete ball off to 3500 psi.  
 Pressure: 0 - 3500# Recovered 70 balls with 35 hits  
 Rate: 0 - 21 BPM

Stimulation: ATP: 1,500 AIR: 67 BPM  
 MTP: 2,170 MIR: 68 BPM

ISIP: 0#  
 5 min:  
 10 min:  
 15 min:

| Sand Stage | Pressure        |
|------------|-----------------|
| pad        | 2170# at 67 BPM |
| 0.5 ppg    | 1600# at 65 BPM |
| 1.0 ppg    | 1550# at 67 BPM |
| 1.5 ppg    | 1406# at 67 BPM |

Job Complete at: 15:05 hrs. Date: 8/28/01 Start flow back:  
 Total Fluid Pumped: 1991Bbls  
 Total Sand Pumped: 58,000 Total Sand on Formation: 58,000  
 Total Nitrogen Pumped: NA

### Notes:

Well broke at 1680# during the ball off. Steady job - no problems.

Signature Paul Thompson

## FRACTURE TREATMENT REPORT

Operator: Great Western Drilling Well Name: J.E. Decker #3C  
 Date: 28-Aug-01 Location: 8/32N/11W County: San Juan State: NM  
 Field: Blanco Mesa Verde Supervisor: Paul Thompson  
 Stimulation Company: Schlumberger

Stage #: 3/3 Cliff House

Sand on location (design): 80,440 Weight ticket: Size/type: 20/40 Brady  
 Fluid on location: No. of Tanks: 13 Strap: 12.5 Amount: 3250 Usable: 2730

Perforations: Depth: 4796' - 5167' Total Holes: 43 PBTD: 5230' CIBP  
 Shots per foot: 1 EHD: 0.34"

Breakdown: Acid: 1000 gal 15% HCl Comments: Well broke at 2160# at 3 BPM.  
 Balls: 72 Good ball action and complete ball off to 3500 psi.  
 Pressure: 0 - 3500# Rate: 0 - 15 BPM  
 Recovered 7 balls.

Stimulation: ATP: 1,850 AIR: 60 BPM  
 MTP: 2,750 MIR: 70 BPM

ISIP: 0#  
 5 min:  
 10 min:  
 15 min:

| Sand Stage | Pressure        | Breaker test |
|------------|-----------------|--------------|
| pad        | 2600# at 40 BPM |              |
| 0.5 ppg    | 1400# at 65 BPM |              |
| 1.0 ppg    | 1750# at 70 BPM |              |
| 1.5 ppg    | 1820# at 70 BPM |              |

Job Complete at: 19:40 hrs. Date: 8/28/01 Start flow back:  
 Total Fluid Pumped: 2,514 Bbls  
 Total Sand Pumped: 71,440 Total Sand on Formation: 71,350  
 Total Nitrogen Pumped: NA

### Notes:

Frac ball was stuck in the junk basket. Only recovered 7 balls. Well was tight during the pad but broke back during the job. Increased rate as treating pressure declined. The gate on the Sand Chief broke at the end of the 1.5 ppg stage. Left approximately 6,000# of sand on the truck. Also spilled approx. 3,000# of sand. Dowell took 20,000# off of the final ticket.

Signature John Thompson