Form 3 160-5 UNITED STATES FORM APPROVED (June 1990) Budget Bureau No. 1004-0135 DEPARTMENT OF THE INTERIOR Expires: March 3 1,1993 **BUREAU OF LAND MANAGEMENT** 5 Lease Designation and Seriai No SF 079947 SUNDRY NOTICES AND REPORTS ON WELLS ... 28 6 If Indian, Allonee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals 7 If Unit or CA, Agreement Designation SUBMIT IN TRIPLICA TE 1. Type of Well Well 8 Well Name and No. 2. Name of Operator +1414, ✓ Jackson #2E CONOCO INC. 9. API Well No. 3 Address and Telephone No 30-045-24931 10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424 10 Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T. R. M. or Survey Description) Blanco Mesaverde Section 33, T-29-N, R-9-W, B 11. County or Parish, State 1010' FNL & 1660' FEL San Juan CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion New Construction Plugging Back Non-Routine Fracrunng Casing Renair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection

13 Describe Proposed or Completed Operations (Clearly state ail pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical lepths for all markers and zones pertinent to this work.)

Iy is proposed to recomplete this well to the Mesaverde using the attached procedure.

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OUL CON. DIV.

| _K    | ay Maddox        |                     |
|-------|------------------|---------------------|
| Title | Regulatory Agent | Date March 19, 1998 |
| Title | Pet En           | Date 3/25/18        |
|       | Title            | Pet De              |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as so any matter within its junsdiction.



# Helen Jackson No. 2E Mesaverde Recompletion Procedure

# API # 30-045-24931 AFE# 51-61-8256

March 9, 1998

### Summary of Work Recommended

- ✓ Isolate existing Dakota Interval
- ✓ Perforate and Stimulate Mesaverde Interval thru Tubing
- ✓ Remove Isolation Tools
- ✓ Return well to Production as a CH/MV/DK Downhole Commingle

# Well Data:

Location:

1010' FNL & 1660' FEL, Sec. 33, T29N-R9W

San Juan County, New Mexico

Elevations:

KB: 5914'

GL: 5902' PBTD: 6843'

TD: 6845'

Casing:

9-5/8", 36 #/ft, set @ 291'

cmt 250 sx. TOC @ Surface (circ)

Drift: 8.765", Capacity: 0.0773 bbl/ft, Burst: 2464 psi (70% SF)

7", 23#/ft, set @ 2849'

cmt 580 sx, TOC @ Surface (circ)

Drift: 6.241", Capacity: 0.0393 bbl/ft, Burst: 3042 psi (70% SF)

Liner:

4-1/2", 10.5 & 11.6 #/ft, set from 2693' to 6845'

cmt 500 sx. TOC @ Liner top 2693'

Drift: 3.927", Capacity: 0.0159 bb/ft, Burst: 3353 psi (70% SF)

Tubing:

2-3/8" **(a)** 6813'

Drift: 1.995", Capacity: 0.00387 bbl/ft, Burst: 5416 psi (80% SF)

Perforations:

Chacra:

3256' - 3392'

Dakota:

6666' - 6832'

**Additional Notes:** 

Chacra & Dakota was DHC'd in April 1996

# Helen Jackson No. 2E Mesaverde Recompletion Procedure

- Hold safety meeting. MIRU workover unit. If necessary, kill well with a minimum of 1 % KCl. NU BOP and rotating stripping head. Run Blooie line to flare pit. POOH & LD production string.
- 2. RU wireline unit and RIH w/ 4 1/2" Composite bridge plug. Set plug at +/- 5000'.
- 3. MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR. Correlate to attached log section and perforate the following depths:
  - A. If necessary, spot 15% HCl from 4680' to 4650' using a dump bailer.

# B. DO NOT PRESSURE UP CASING PRIOR TO PERFORATING.

# Point Lookout perfs:

```
4553', 55', 58', 64', 66', 69', 73', 75', 79', 81', 89', 98', 4607', 09', 14', 39', 41', 62', 64', 4705', 07', 26', 28', 82', 86', 88', 4887', 89', 92', 4912', & 14'
```

Total: 31 holes.

- 4. PU & RIH w/ Frac string and treating packer to +/- 3500'. RU Acidizing equipment.
- 5. Break down perfs thru tubing using 750 gallons 15% HCl and 50% excess 1.1 sg balls. (47) Surge balls off perforations.

# DO NOT EXCEED 3000 PSI

- 6. Frac per attached schedule. Keep frac equipment on location.
- 7. Release treating packer & POOH w/ frac string & packer.
- 8. RU wireline unit and RIH w/ 4 1/2" Composite bridge plug. Set plug @ +/- 4500'. Test casing to 500 psi.

### Helen Jackson No. 2E Mesaverde Recompletion Procedure

- 9. MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR. Correlate to attached log section and perforate the following depths:
  - A. If necessary, spot 15% HCl from 4300' to 4250' using a dump bailer.

#### B. DO NOT PRESSURE UP CASING PRIOR TO PERFORATING.

# Menefee Perfs:

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4135', 40', 70', 73', 76', 79', 92', 94',
4206', 11', 15', 17', 34', 36', 64', 66', 69', 91',
4303', 07', 09', 37', 39',
4402', 07', 10', 13', 62', 65', & 68'
```

Total: 30 holes.

- 10. PU & RIH w/ Frac string and treating packer to +/- 4050'. RU acidizing equipment.
- 11. Break down perfs thru tubing using 500 gallons 15% HCl and 50% excess 1.1 sg balls. (45). Surge balls off perforations.

DO NOT EXCEED 3000 PSI

- 12. Frac per attached schedule. Clean Location & Release frac equipment.
- 13. Release treating packer & POOH w/ frac string & packer.
- 14. RU compressors and drill out bridge plugs w/ gas. Clean out well to PBTD (6843'). Jet well w/ gas until well will flow on its own. Drywatch as necessary.
- 15. RIH w/ production string. Land SN at +/- 6750'. ND BOP and NU wellhead.
- 16. Record and notify necessary personnel for regulatory and gas allocation purposes.
- 17. RDMO workover unit.
- 18. Thank You.

strict | FO Box 1980, Hobbs. NM 88241-1980

District II PO Drawer DD, Artesia, NM 88211-0719

1000 Rio Brazos Rd. Aztec, NM 87410

District III

State of New Mexico Energy, Minerals & Natural Resources Department

# OIL CONSERVATION DIVISION PO Box 2088

Santa Fe. N.M. 87504-2088

Cha Revi

Form C-102

Revised February 21, 1994

instructions on back

Submit to Appropriate District Office State Lease - 4 Copies

Fee Lease - 3 Copies

| District IV<br>PO Box 2088. | Santa Fe           | NM 875          | 04-2088       |            |             |                  |                          | 23 77 2: 21    | 8 _  | ree<br>T    | Lease - 3 Copies    |  |  |
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| A                           | PINumbe            | ber 2 Pool Code |               |            |             |                  | 3 Pool Name              |                |  |             |                     |  |  |
| 30-                         | 045-2493           | 931 72319       |               |            |             | Blanco Mesaverde |                          |                |  |             |                     |  |  |
| 4 Property                  | e b c C            |                 |               |            | 5 Pr        | opert            | y Name                   |                | 6 Well Number  |             |                     |  |  |
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