

**PATINA OIL & GAS**  
Daily Completion/Workover Report

New Drill  **X** Recompletion  LOE  Re-Frac

Date: 04-Jun-01 Well Name: COORS V8-14 AFE #: \_\_\_\_\_

Legal Desc: SESW

Sec: 6 Twn: 2N Rng: 67W

| Perforations |   |
|--------------|---|
| Zone         | Depths                                  |
| Codell       | 7,326' - 7,343' 61 HOLES<br>BEHIND PIPE |
| J-SAND       | 7,755' - 7,767' 24 HOLES                |
| J-SAND       | 7,772' - 7,794' 44 HOLES                |

Surface Csg: Size: 8 5/8" W/Gd: 24# Conn. \_\_\_\_\_ Depth: 571'

Production Csg: Size: 3 1/2" W/Gd: 7.7# Conn. \_\_\_\_\_ Depth: 7,607'

Liner: Size: 2 3/8" W/Gd: 4.26 / NWB Top: \_\_\_\_\_ Depth: 7,918'

Tubing: Size: \_\_\_\_\_ W/Gd: \_\_\_\_\_ Conn. \_\_\_\_\_ Depth: \_\_\_\_\_

Packer: \_\_\_\_\_ RBP: \_\_\_\_\_ CIBP: \_\_\_\_\_ Sd Plug: \_\_\_\_\_ P/C: \_\_\_\_\_

TD: 7,912 PBTD: 7,900' TOC: 3,244' (613850) 6,784' (600800) 6,735' (61020)

Fluid Lost \_\_\_\_\_ Recovered \_\_\_\_\_ Load Remaining \_\_\_\_\_

Other Information: FRAC VIA 2 3/8" LINER

Job Objective: FRAC THE J-SAND FORMATION

**Operation Past 24 Hours**

**04-Jun-01**  
MIRU BJ Services to 2 3/8" Liner. The J-Sand was frac'd via 2 3/8" Liner from 7,755' - 7,794'. Performed reverse step rate tests. Calculated 19 perfs open out of 68, NWB friction = 0 psi, perf friction = 815 psi, leakoff Coef. = 0.001278 - CLOSURE ESTIMATED AT < 0.525 PSI / FT. The J-Sand was treated with 135,072 gals of MEDALLION w/ 25# & 30# gel loadings and 351,480 LBS of 20/40 Ottawa sand. Flushed treatment with 28.0 bbls. Max sand concentration = 4 #/gal, ATP = 6,200 psi, Max pressure = 7,765 psi, ATR = 17.9 BPM, Max rate = 18.1 BPM, pre frac ISIP = 1,197 psi, post frac ISIP = 2,140 psi, 5 min = 2,076 psi. Plumbed in flowback line and the well was opened to flow back after +/- 14 min. on a 18/64" choke w/ 1,900 psi. There is a total of 3,244 BBLs of load to recover.  
  
General trend of pressure slope was positive throughout treatment. Hydration unit caught air midway through 3# sand stage causing the viscosity to drop and the treating pressure to increase. Pressure slope was slightly negative for several minutes while viscosity was recovering to the proper value. Counted 21.5K lbs on sand (6.5%) - water was less than 1.1% off. BJ is investigating densimeters - In-line was reading very similar values.

Proposed Operations: Flowback well, turn well on to production.

Contractor: BJ Services Supervisor: Dave Burger

**Cost Estimate**

| Intangible                | Description                     | Daily    | Cum       | Tangible                  | Daily    | Cum       |
|---------------------------|---------------------------------|----------|-----------|---------------------------|----------|-----------|
| Hot Oil                   | Norther Plains Trucking         | \$1,400  | \$1,400   | Production Liner          |          | \$0       |
| Misc. Pump                |                                 |          | \$0       | Production Casing         |          | \$0       |
| Trucking                  | Lead / Action                   |          | \$1,875   | Tubing                    |          | \$0       |
| Bits                      | Hughes                          |          | \$3,000   | Tree                      |          | \$0       |
| Drilling Fluids           | Imperial                        |          | \$1,300   | Pumping Unit & Engine     |          | \$0       |
| Cement & Services         | BJ Services (Liner)             |          | \$4,339   | Subsurface Equipment      |          | \$0       |
| Cased Hole Logging & Perf | ASAP                            |          | \$6,200   | Flow Line & Connections   |          | \$0       |
| Equipment Rentals         | G & L / Rocky Mtn               |          | \$4,088   | Separation/Treating Equip |          | \$0       |
| Contract Services         |                                 |          | \$0       | Storage Tanks             |          | \$0       |
| Completion Unit           | Action / Key                    |          | \$17,537  | Wellhead Equipment        |          | \$0       |
| Swab Rig                  |                                 |          | \$0       | Other Lease Equipment     |          | \$0       |
| Stimulation               | BJ Services                     | \$84,852 | \$84,852  |                           |          | \$0       |
| Hydrotesting              | H - S Testing                   |          | \$270     |                           |          | \$0       |
| Professional Services     |                                 |          | \$0       |                           |          | \$0       |
| Refrabour                 | Patina (In - House)             | \$500    | \$500     |                           |          | \$0       |
| Frac tanks / KCL water    | Lead (8 tanks) / Action         | \$3,836  | \$5,211   | <b>Total Tangible</b>     | \$0      | \$0       |
| Stickline                 |                                 |          | \$0       |                           |          | \$0       |
| Other                     | Flowback                        | \$3,000  | \$3,000   | <b>Completion Cost</b>    | \$93,588 | \$139,847 |
| Drill Pipe Rental         | Patina                          |          | \$4,000   |                           |          | \$0       |
| Anchors/Diesel            | Key (anchors) / Action (diesel) |          | \$2,275   | <b>Drill Cost</b>         | \$0      | \$65,000  |
|                           | <b>Total Intangibles</b>        | \$93,588 | \$139,847 | <b>Total Cost</b>         | \$93,588 | \$204,847 |

**PATINA OIL & GAS**  
Daily Completion/Workover Report

New Drill     Recompletion     LOE     Ceg Repair     P & A

Date: 5/3/61    Well Name: Cona V 6-14    AFE #: \_\_\_\_\_

Legal Desc: SE/3W    Sec: 6    Twp: 2N    Rng: 67W

| Perforations |             |
|--------------|-------------|
| Zone         | Depth       |
| I-Sand       | 7755'-7767' |
| I-Sand       | 7722'-7774' |
| Cadell       | 7821'-7848' |
|              |             |
|              |             |
|              |             |
|              |             |

Surface Ceg:    Size: 2 5/8"    WGD: 24"    Conn. \_\_\_\_\_    Depth: 521

Production Ceg:    Size: 3 1/2"    WGD: 27"    Conn. \_\_\_\_\_    Depth: 7507

Liner:    Size: \_\_\_\_\_    WGD: \_\_\_\_\_    Top: \_\_\_\_\_    Depth: \_\_\_\_\_

Tubing:    Size: 2 3/4"    WGD: 4.6"    Conn. N-80    Depth: 7916

Packer: \_\_\_\_\_    RBP: \_\_\_\_\_    CIBP: \_\_\_\_\_    Sd Plug: \_\_\_\_\_    PIC: \_\_\_\_\_

TU 7912'    PBTD 2900'    TOC 3600'    6755' + 7925'

Fluid Lost \_\_\_\_\_    Recovered \_\_\_\_\_    Load Remaining \_\_\_\_\_

Other Information: \_\_\_\_\_

Job Objective: I-Sand Deepening before the Cadell zone

**Operation Past 24 Hours**

M.T. Rullo Pulling Unit. Workover used head tank off top of casing.  
Used 4" x 2 3/8" N-80 subject to free string.  
Expanded up well head. Spud well in for casing.  
Rigged down pulling unit and made off location.

Proposed Operations: Before the Cadell zone

Contractor: Key # 104    Supervisor: \_\_\_\_\_

**Cost Estimate**

| Intangible                | Description | Daily      | Cum           | Tangible                   | Daily | Cum |
|---------------------------|-------------|------------|---------------|----------------------------|-------|-----|
| Plot Cost                 |             |            |               | Production Liner           |       |     |
| Misc. Pump                |             |            |               | Production Casing          |       |     |
| Trucking                  |             |            |               | Tubing                     |       |     |
| Rite                      |             |            |               | Iron                       |       |     |
| Utility Fields            |             |            |               | Pumping Unit & Engine      |       |     |
| Contract & Services       |             |            |               | Subsurface Equipment       |       |     |
| Cased Hole Logging & Perf |             |            |               | Flow Line & Connections    |       |     |
| Equipment Rentals         |             |            |               | Separation/ Treating Equip |       |     |
| Contract Services         |             |            |               | Storage Tanks              |       |     |
| Completion Unit           | <u>Key</u>  | <u>512</u> | <u>512</u>    | Wellhead Equipment         |       |     |
| Swab Trip                 |             |            |               | Other Lease Equipment      |       |     |
| Stimulation               |             |            |               |                            |       |     |
| Hydrotesting              |             |            |               |                            |       |     |
| Professional Services     |             |            |               |                            |       |     |
| Flourishment              |             |            |               |                            |       |     |
| Free tanks / KCL water    |             |            |               |                            |       |     |
| Electricity               |             |            |               |                            |       |     |
| Tubing Rental             |             |            |               |                            |       |     |
| Other                     |             |            |               |                            |       |     |
|                           |             |            |               | <b>Total Tangible</b>      |       |     |
|                           |             |            |               | <b>Completion Cost</b>     |       |     |
|                           |             |            |               | <b>Drill Cost</b>          |       |     |
| <b>Total Intangibles</b>  |             | <u>512</u> | <u>46,456</u> | <b>Total Cost</b>          |       |     |