

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-31168
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LG-4087, (NMNM91067X)
7. Lease Name or Unit Agreement Name EAST CORBIN DELAWARE UNIT
8. Well No. 4
9. Pool name or Wildcat WEST CORBIN DELAWARE

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 WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER WATER INJECTION WELL	
2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY	
3. Address of Operator P.O. Box 51810 Midland, TX 79710-1810	
4. Well Location Unit Letter <u>P</u> : <u>660</u> Feet From The <u>SOUTH</u> Line and <u>460</u> Feet From The <u>EAST</u> Line Section <u>16</u> Township <u>18S</u> Range <u>33E</u> NMPM LEA County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3866' GR	

11. 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: INSTALL DUAL PACKERS & ACIDIZE ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

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

Workover water injection well.

Due to the declining oil production on the East Corbin Delaware Unit, Burlington Resources proposes to install dual packers with regulator subs and acidize the Delaware Zone to re-direct the injected water so that 50% of the injected water goes to the Delaware Zone "A" and 50% of the injected water goes to the Delaware Zone "B".

See the attached detailed procedure

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

SIGNATURE Maria L. Perez TITLE REGULATORY TECH. DATE 10-5-99

TYPE OR PRINT NAME MARIA L. PEREZ TELEPHONE NO. 915-688-6906

(This space for State Use) ORIGINAL SIGNED BY
GARY WINK
FIELD REP.

APPROVED BY _____ TITLE _____ DATE OCT 12 1999

CONDITIONS OF APPROVAL, IF ANY:

IC

✓

East Corbin Delaware Unit #4
460' FEL & 660' FSL, SEC. 16, T18S, R33E
Lea County, New Mexico

Procedure for Installing Dual Packers

Notify BLM and NMOCD in Hobbs 48 Hours before work commences.

1. **Safety is always the highest priority.** Hold wellsite safety meetings prior to each significant operation. Review critical parameters and objectives as well as emergency action plans.
2. Order out Frac Tanks, Flow well back one day before moving Pulling Unit on Location.
3. Order out 5 Jts 2 3/8" J-55, IPC Tubing & 10 Jts 2 3/8" J-55 Non-IPC Tubing.
4. MIRU Pulling Unit
5. ND Wellhead, NU BOP, Release 5 1/2" X 2 3/8" Plastic coated Guiberson "G-6" Double Grip Injection Packer.
6. TIH from 5175' to $\pm 5220'$, Set 5 1/2" X 2 3/8" Plastic coated Guiberson "G-6" Double Grip Injection Packer.
7. RU QOS Acid Truck on Tubing, Pump 50 BBLs Clean Produced Water to Establish Pump Rate. Follow with 1500 Gals 15% NEFE with 20% by volume of Toulene (Treating Proposal is attached). Flush with 50 BBLs Clean Produced Water, slow to 1 BPM on last 25 BBLs of Flush to establish Injection Rates and Pressures for the Delaware "B" Zone.

Treating Rate = 4 to 6 BPM
Maximum Treating Pressure = 2500 PSI

8. Release 5 1/2" X 2 3/8" Plastic coated "G-6" Double Grip Injection Packer & TOH. Have Packer Redressed.
9. TIH with the Following:
 - 1 - 2 3/8" Bull Plug,
 - 1 - 4' Regulator Sub with 1/8" Orifice,
 - 1 Jt. - 2 3/8" Tubing Coated on the ID & OD
 - 5 1/2" X 2 3/8" Plastic coated "G-6" Double Grip Packer.
 - 1-2 3/8" X 4' Regulator Sub Mandrel with 1/8" Standard Orifice and Reverse Flow Check Valve.
 - 1 Jt.-2 3/8", J-55 Tubing, Plastic coated both ID and OD.
 - Type S-1 Arrow Tandem Tension Packer 5 1/2" X 2 3/8" Plastic coated,
 - ± 169 Jts 2 3/8" J-55 IPC Tubing.
10. Space out and set 5 1/2" X 2 3/8" Guiberson "G-6" Packer @ $\pm 5220'$ Load Annulus with Packer Fluid (Annulus Volume = 95 BBLs), Continue pulling on tubing slowly to shear the setting pin on the Arrow Type S-1 Tandem Tension Packer, (3500# each pin). A continuous tension of 8,000# is required at the Tandem Tension to Maintain packoff. This should place the top of packer @ $\pm 5186'$

NOTE: Make sure packer fluid has defoamer added.

11. Finish loading Annulus with packer fluid and pressure test annulus to 500 PSI and hold for 30 minutes (H-5 Test).

NOTE: Notify Both BLM and NMOCD 48 Hours before performing the H-5 Test.

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12. Install Wellhead Injection Equipment and Place Well on Injection @ a Rate of 750 BWPD.

NOTE: Maximum Injection Pressure is 1650 PSI Surface Pressure.

Prepared &

Recommended by: Eddie Carpenter
Eddie Carpenter

Date: 10/5/99

Approved by: _____
Cash Smithwick

Date: _____