

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

18.7 S. 31. N. 10-2834  
Artesia, NM

FORM APPROVED

Budget Bureau No. 1004-0135  
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other proposed gas well

2. Name of Operator

DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.

20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface 2,167' FSL & 1,998' FWL, Unit K, Sec. 31, T21S, R24E, Eddy County, NM  
Bottom Hole Location 660' FSL & 1,650' FEL, Unit O, Sec. 31, T21S, R24E, Eddy County, NM

5. Lease Designation and Serial No.

NM-LC063246D for SHL and BHL

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

SW-211

8. Well Name and No.

Winston Gas Com. #3

9. API Well No.

30-015-30359

10. Field and Pool, or Exploratory Area

Indian Basin (Morrow)

11. County or Parish, State

Eddy Cnty, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

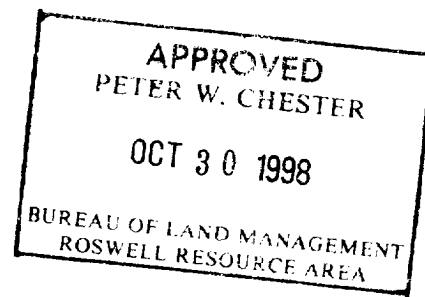
- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other run 4 1/2" liner to total depth

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all 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 depths for all markers and zones pertinent to this work.)

Please be advised, concerning the Winston Gas Com. #3, that Devon Energy Corporation (Nevada) is going to run 4 1/2" 11.6# J-55 LT&C liner ±8,150' to 9,800' TVD. Please see attached casing design for details. Cement will be circulated.



14. I hereby certify that the foregoing is true and correct

Signed Candace R. Graham

Candace R. Graham

Title Engineering Technician

Date October 21, 1998

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

Well name:	<b>Winston Liner</b>
Operator:	<b>Devon Energy Corporation (Nevada)</b>
String type:	<b>Liner: Production</b>
Location:	<b>Eddy County, New Mexico</b>

**Design parameters:**
**Collapse**

Mud weight: 7.100 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**
**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 90 °F  
Bottom hole temperature: 173 °F  
Temperature gradient: 0.85 °F/100ft  
Minimum section length: 1,500 ft  
Minimum Drift: 3.875 in

**Burst**

Max anticipated surface pressure: 3,769 psi  
Internal gradient: 0.000 psi/ft  
Calculated BHP 3,615 psi  
  
Annular backup: 9.60 ppg

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Liner top: 8,600 ft  
Directional Info - Build & Drop  
Kick-off point 2500 ft  
Departure at shoe: 2221 ft  
Maximum dogleg: 3 °/100ft  
Inclination at shoe: 3 °

Packer fluid details:  
Fluid density: 8.500 ppg  
Packer depth: 9,800 ft

Tension is based on buoyed weight.  
Neutral point: 10,046 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1618	4.5	11.60	J-55	LT&C	9800	10218	3.875	37.5

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3615	4960	1.37	3301	5350	1.62	17	162	9.67 J

Prepared by: W.M. Frank  
Devon Energy

Phone: (405) 552-4595  
FAX: (405) 552-4621

Date: October 21, 1998  
Oklahoma City, Oklahoma

4 1/2" J-55, 11.6 ppf liner.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

*Engineering responsibility for use of this design will be that of the purchaser.*