Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

C/SF

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

2. Name of Operator
DEVON SFS OPERATING, INC.

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)
660' FSL & 1980' FEL, Section 6-17S-29E, Unit "O"

5. Lease Designation and Serial No.
NM-97875

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
TNT 6 Federal Com #1

9. API Well No.
30-015-31712

10. Field and Pool, or Exploratory Area
Empire Morrow South (Morrow)

11. County or Parish, State
Eddy County, NM

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
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☒ Altering Casing	☐ Conversion to Injection
	☐ Other ____	☐ 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.)*

The Application for Permit to Drill this well was approved April 13, 2001. The original APD called for 7 7/8" hole with 4 ½" casing. At this time, Devon Energy Production Company, L.P. requests to amend this APD to allow for 5½" casing in 7 7/8" hole. Casing is proposed as follows.

0 – 2800' 5 ½" 17# L80 LTC

2800' – 7700' 5 ½" 17# J55 LTC

7700' – 10,700' 5 ½" 17# L80 LTC

Please see the attached casing design for design conditions.

APPROVED
MAY 15 2001
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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

Signed Karen A. Cottom Title Engineering Technician Date May 8, 2001

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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 to any matter within its jurisdiction.

***See Instruction on Reverse Side**

Well name:	**TNT 6-1**
Operator:	**Devon**
String type:	Production

Design parameters:

Collapse

Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 5,535 psi
Internal gradient: 0.002 psi/ft
Calculated BHP 5,558 psi

Annular backup: 8.40 ppg

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

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

Tension is based on air weight.
Neutral point: 9,077 ft

Estimated cost: 55,732 ($)

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 225 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
3	2800	5.5	17.00	L-80	LT&C	2800	2800	4.767	17741
2	4900	5.5	17.00	J-55	LT&C	7700	7700	4.767	18984

Devon Energy

Date: May 7,2001
Oklahoma City, Oklahoma

Remarks:
Collapse is based on a vertical depth of 10700 ft, a mud weight of 10 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

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Operator: **Devon**
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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	3000	5.5	17.00	L-80	LT&C	10700	10700	4.767	19007

Devon Energy

Date: May 7,2001
Oklahoma City, Oklahoma

Remarks:
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