

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

NM-0442 04242

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Denius Federal # 3

9. API Well No.

30-025-01376

10. Field and Pool, or Exploratory Area

Corbin (Abo)

11. County or Parish, State

Lea

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Southwestern Energy Production Company

3a. Address 2350 N. Sam Houston Pkwy. E.,
Suite 300, Houston, TX 77032

3b. Phone No. (include area code)
281-618-4739

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

1980' FSL & 1980' FWL

Sec. 33-17S-33E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please see attached procedure.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Vonnie J. Cermin

Title Drilling / Production Analyst

Signature

Date 11/25/02

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) DAVID R. GLASS

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 to any matter within its jurisdiction.

GWW

**Denius Federal No. 3
Corbin Abo Field
P&A Procedure**

1. MIRU rig. NU BOPs. POOH w/ tubing.
2. RU EL and RIH w/ gauge ring and junk basket. RIH and set through CIBP at 8000'. Dump 35' cement on top of bridge plug.
3. TIH w/ workstring. Tag TOC on bridge plug. Circ well with 9.5# salt gel mud (9.5# brine mixed w/ 25 lbs gel/bbl). POOH.
4. RU WL and cut 4-1/2" casing at 2970'. Pull casing. TIH and spot 35 sx cement plug from 2870'-3020'. POOH.
5. RU WL and RIH. Tag TOC. Cut 8-5/8" casing at 360'. RD WL. TIH and spot 90 sx cement plug from 259'-410'. POOH.
6. RU WL and RIH. Tag TOC. TOOH and RD WL. Spot 45 sx surface plug from 0'-60'.
7. Cut casing off 5' below ground level and install dry hole marker.
8. RDMO rig.

Tubing Detail

Sqz'd holes with 450 sx of cmt @ 5457' - 88'

Sqz'd csg leak with 100 sx @ 5535'

Sqz'd csg leak with 17sx @ 7116' - 23'

Perforations:

Sqz'd 8576' - 8606'

8559', 65', 69'
83', 89', 91', 96'
97', 99', 8602'
21', 24', 25'

8686' - 8710'

8690' - 8740'

@ 0'-60' -- Proposed 45 sx surface cement plug

@ 309' -- 13 3/8" 48# Surf. Csg. Cmt'd w/ 340 sx

@ 259'-410' -- Proposed 90 sx cement plug

@ 360' -- Proposed cut 8/5/8" casing

@ 900' -- TOC

@ 2920' -- 8 5/8" 24# Prod Csg. Cmt'd w/ 850 sx

@ 2870'-3020' -- Proposed 35 sx cement plug

@ 2970' -- Proposed cut 4-1/2" casing

@ 7700' -- TOC

@ 8000' -- Proposed CIBP w/ 35' cement dumped on top

@ +/- 8000' Top of Fish

Fish includes:

8 jts 2 3/8" tbg
TAC
6 jts 2 3/8"
Seat nipple
Perf sub
2 3/8" mud anchor

@ 8745' set CIBP with cmt cap to 8710'

@ 8969' Drilled out cmt

@ 9068' -- 4 1/2" 11.6# Prod. Csg. Cmt'd w/ 250 sx

9071'

Revised

PROPOSED COMPLETION

LEASE: **Denius Federal**

WELL: **3**

LOCATION: **Corbin Abo**

COUNTY: **Lea**

STATE: **NM**

PRODUCING FORMATION: **Abo Formation**

Drawn

WKB

8/7/2002

Approved

Date



Southwestern Energy Production Company
GOPET