

Form 3160-5
(June 1990)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 deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED

MAR 28 2004

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FORM APPROVED

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

5. Lease Designation and Serial No.
NM-98824
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
8. Well Name and No.
Power 31 Federal #3
9. API Well No.
30-015-31806
10. Field and Pool, or Exploratory Area
Cedar Lake (Morrow Gas)
11. County or Parish, State
Eddy County, NM

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other _____

2. Name of Operator
 DEVON ENERGY PRODUCTION COMPANY, LP.

3. Address and Telephone No.
 20 NORTH BROADWAY, SUITE 1100, OKLAHOMA CITY, OKLAHOMA 73102 (405) 228-7512

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1980' FNL, 660' FEL, Sec 31-T17S-R31E, Unit H

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

TYPE OF SUBMISSION

TYPE OF ACTION

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

- ☒ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing Repair
- ☐ Altering Casing
- ☐ Other _____

- ☐ 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.)*

1. Set CIBP @ +/- 8525' cap w/ 35' cement.
2. Displace hole w/ 9.5 ppg mud. #3. Set 150' cement plug from 4925' - 5075'
3. Set 100' cement plug from 3870' to 3970'
4. Set 100' cement plug from 470' to 570'. PERFORATE @ 570' CIRCULATE ANNULUS (TAG)
5. Set 60' surface cement plug from 0' - 60'.
6. Cut casings off, 3' below ground level and install dry hole marker
7. Back fill pits and restore location.

Note: Cement class "C" at 14.8 ppg with a yield of 1.32 cu. ft/sx

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

Signed Ronnie Slack
(This space for Federal or State office use)Ronnie Slack
Title Engineering TechnicianDate 3/22/04Approved by Lisa J. Lars
Conditions of approval, if any:Title Petroleum Engineer Date 3/22/04

BUREAU OF LAND MANAGEMENT
Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201
(505) 627-0272

**Permanent Abandonment of Federal Wells
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon. If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.
 2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call (505) 627-0272, in Eddy County call (505) 361-2822; for wells in Lea County call (505) 393-3612.
 3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.
 4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
 5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.
- Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" for up to 7500 feet of depth, mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack .
6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10 feet in length, 4 feet above the ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).
 7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval shall be developed and furnished to you.

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: Power 31 Federal 3		Field: Cedar Lake (Morrow Gas)	
Location: 1980' FNL & 660' FEL Sec 31-17S-31E Unit H		County: Eddy	State: NM
Elevation: 3719' GR		Spud Date: 8/13/01	Compl Date: 11/21/01
API#: 30-015-31806	Prepared by: R Slack	Date: 3/22/04	Rev: NA

Lease Designation: NM-98824

PROPOSED P&A

17-1/2" hole

13-3/8", 48#, H40 @ 520'

Cmt'd w/ 782 sxs. Cmt to surf.

TOC @ 2916'- CBL (10/17/01)

(1000 psi applied on casing)

12-1/4" hole

8-5/8", 32#, J55, LT&C. @ 3920'

Cmt'd w/ 1830 sxs. Cmt to surf.

*Base Springs 5000
CIBP w/ 35' cmt on top
or 150' plug*

DV Tool @ 8718'

WOLFCAMP PERFS (perfed 3/11/04)

8548' - 8588' 4 spf 90 Deg Phasing

MORROW PERFS: (perfed 10/20/01)

11,462' - 11,470'

11,623' - 11,630'

10/25/01: Acidized w/ 1000 gals acid, 30% methanol, 24 mscf N2

5-1/2", 17#, P110 & N80, @ 11875'

Cmt'd w/ 2095 sxs.

*Part**Perfor
Part 4
Casing*

9.5# Mud

9.5# Mud

9.5# Mud



TD @ 11,875'

Proposed: 60' surface plug

Proposed: 100' Cement plug @ 470' to 570'

Proposed: 100' Cement plug @ 3870' to 3970'

Geologic Markers

Rustler	420'
Yates	1840'
Seven Rivers	2184'
Queen	2820'
Grayburg	3120'
San Andres	3652'
BoneSpring	5000'
WolfCamp	8450'
Canyon	9820'
Strawn	10672'
Atoka	10820'
Morrow	11138'
Barnett	11664'

Proposed: CIBP @ 8525' w/35' cmt on top

CIBP @ 11,440' w/35'cmt on top

approx. 211' of 2-3/8" tbg guns released (10/24/01)
wireline ran in hole to 11600'

PBD @ 11,850'

TO: JOE LARA

3-22-04

FM: WYATT ABBITT / RONNIE SLACK

RE: Joe, we currently have rig on well. The
WOLFcamp is wet, we would like to
P: A well while we are on location.

PLEASE EXPEDITE Approval if Possible.

THANKS

WYATT ABBITT

(405) 552-8137 PHONE

(405) 552-4621 FAX