

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
9:34 SF-078988

6. If Indian, Allottee or Tribe Name
19641

7. If Unit or CA Agreement, Name and No.
Northeast Blanco Unit

8. Lease Name and Well No.
NEBU 319

9. API Well No.
30-045-31089

10. Field and Pool, or Exploratory
Blanco Mesaverde Basin Dakota

11. Sec., T., R., M., or Blk. And Survey or Area
N Sec. 7, T 31N, R 6W

12. County or Parish
San Juan

13. State
NM

2. Name of Operator
Devon Energy Production Company, L.P. Attn: Kim Walker

3a. Address
20 North Broadway, Suite 1500, OKC, OK 73102

3b. Phone No. (include area code)
(405) 552-4734

4. Location of well (Report location clearly and in accordance with any State requirements. *)
At surface 1230' FSL & 1690' FWL SE SW Unit N
At bottom hole Same
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approx. 25 miles SE of Ignacio, CO

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg unit line, if any)
1230'

16. No. of Acres in lease
2560.00

17. Spacing Unit dedicated to this well
320 ac. w/2

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.

19. Proposed Depth
8240'

20. BLM/ BIA Bond No. on file
CO-1104

21. Elevations (Show whether DF, RT, GR, etc.)
6512' GL

22. Approximate date work will start*
Upon Approval

23. Estimated Duration
20 Days

24. Attachments
The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1 shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by existing bond on file (see item 20 above).
- Operator certification.
- Such other site specific information and/ or plans as may be required by the authorized officer.

25. Signature
Kim Walker

Name (Printed/ Typed)
Kim Walker

Date
4/30/02

Title
Regulatory Technician

Approved By (Signature)
DM

Name (Printed/ Typed)

Date
5-23-2

Title

Office

Application approval 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 operations thereon.

Conditions of approval, if any, are attached.

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.

* (Instructions on reverse)

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

NMOCD

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated, on Federal and Indian lands and leases for action by appropriate Federal agencies, pursuant to applicable Federal laws and regulations. Any necessary special concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

ITEM 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal offices for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

ITEM 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR Part 3160.

PRINCIPAL PURPOSES: The information will be used to: (1) process and evaluate your application for a permit to drill a new oil, gas, or service well or to reenter a plugged and abandoned well; and (2) document, for administrative use, information for the management, disposal and use of National Resource Lands and resources including (a) analyzing your proposal to discover and extract the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluating the effects of the proposed operation on the surface and subsurface water and other environmental impacts.

ROUTINE USE: (1) The analysis of the applicant's proposal to discover and extract the Federal or Indian resources encountered. (2) The review of procedures and equipment and the projected impact on the land involved. (3) The evaluation of the effects of proposed operation on surface and subsurface water and other environmental impacts. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions, as well as routine regulatory responsibility.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if the operator elects to initiate drilling operation on an oil and gas lease.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 30 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 1849 C Street, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0136), Washington, D.C. 20503.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq) requires us to inform you that: This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases.

This information will be used to analyze and approve applications.

Response to this request is mandatory only if the operator elects to initiate drilling or reentry operations on an oil and gas lease.

This form does nothing to reduce paper.

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

DISTRICT II
811 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-31089		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 019641	*Property Name NEBU		*Well Number 319
*OGRID No. 006137	*Operator Name DEVON ENERGY Production Company, L.P.		*Elevation 6512'

¹⁰ Surface Location

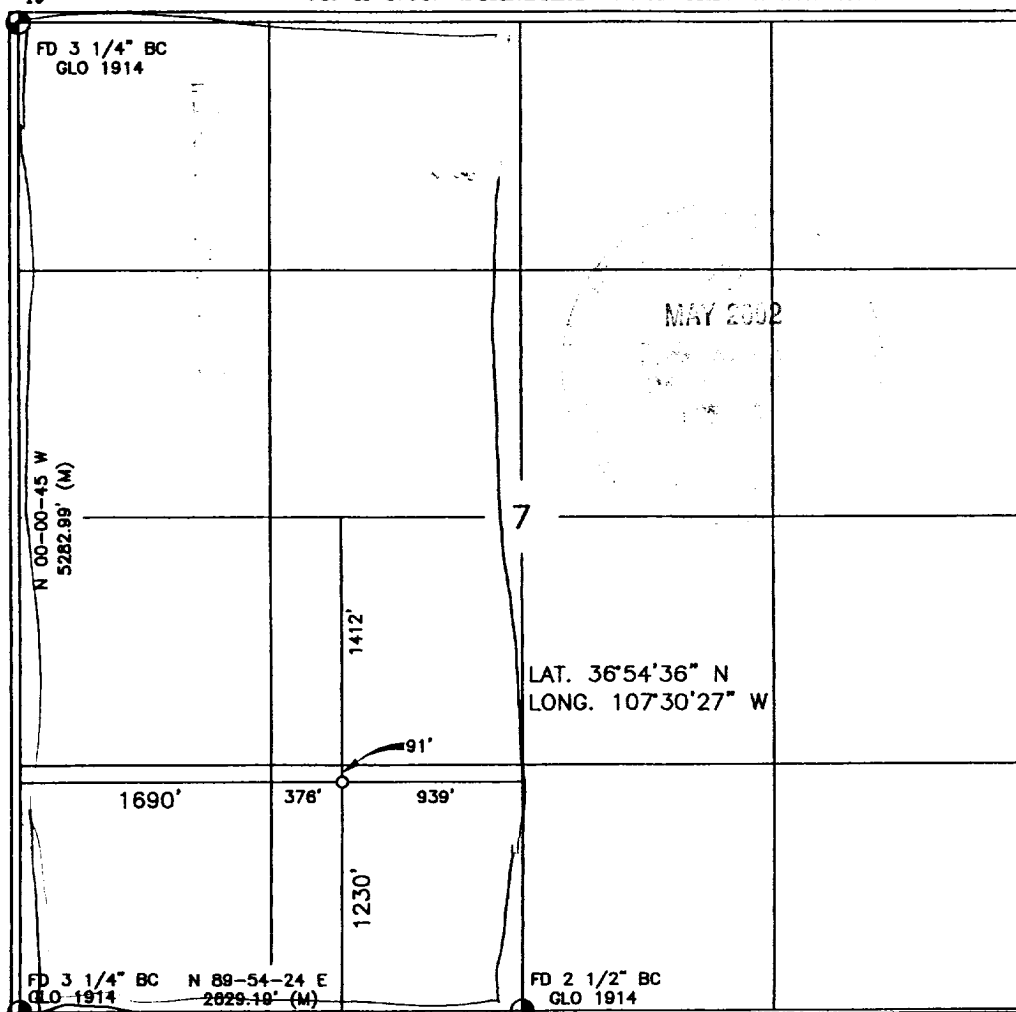
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	7	31-N	6-W		1230	SOUTH	1690	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
*Dedicated Acres MV-W/320 DK-W/320			*Joint or Infill		*Consolidation Code		*Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16



17 OPERATOR CERTIFICATION

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

Kim Walker
Signature
Kim Walker
Printed Name
Regulatory Technician
Title
4/30/02
Date

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat
was plotted from field notes of actual surveys made by
me or under my supervision, and that the same is true
and correct to the best of my belief.

11/20/01
Date of Survey
Signature and Seal of Professional Surveyor:
NEW MEXICO
14827
Certificate Number

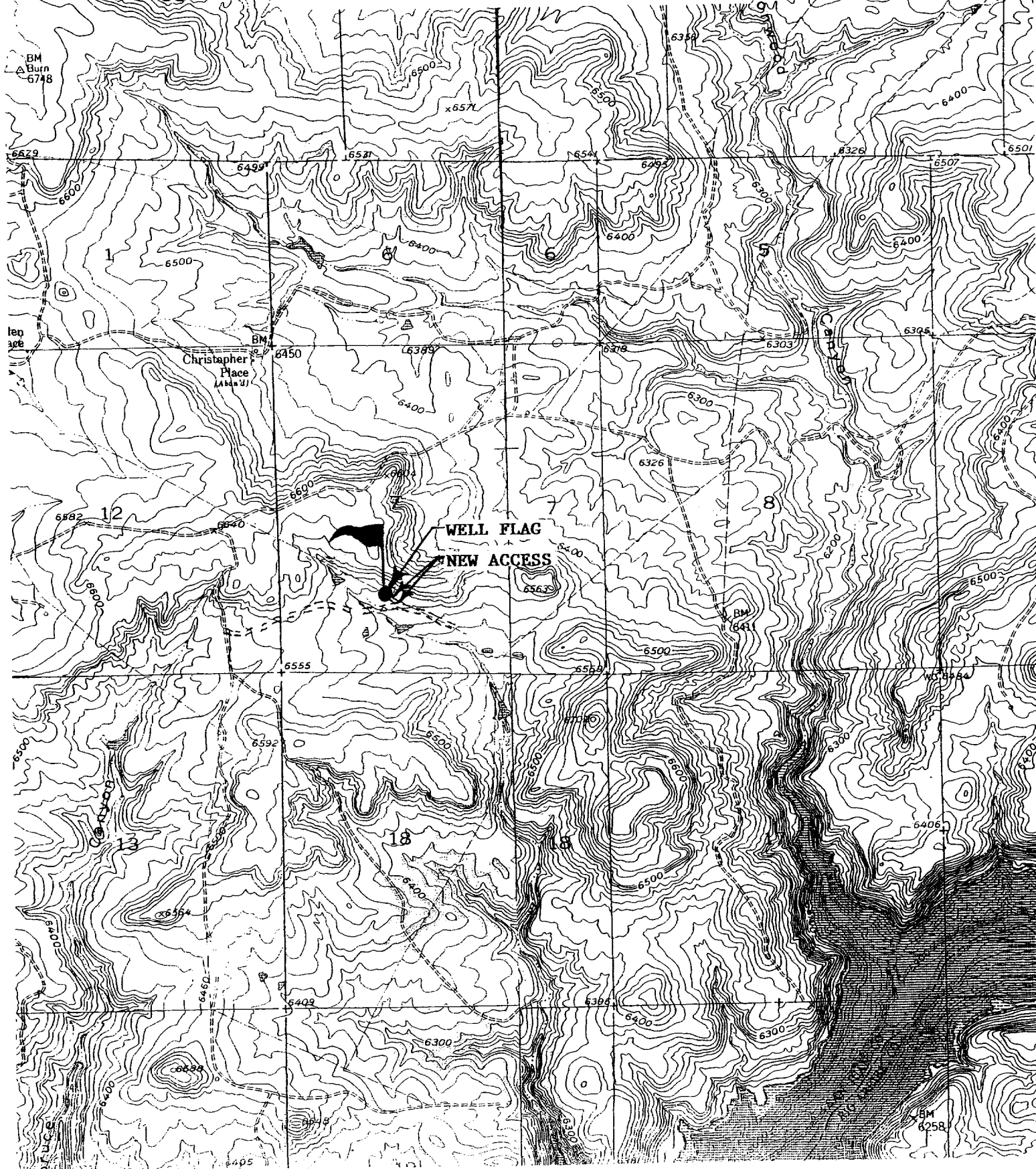
DEVON ENERGY CORP.

NEBU No. 319

SW/4 SEC. 7, T-31-N, R-6-W, N.M.P.M.

SAN JUAN COUNTY, NEW MEXICO

1230' FSL 1690' FWL



The minimum specifications for pressure control equipment that will be provided are included on the attached schematic diagram which shows the size and pressure ratings.

2000# BOP With Pipe Rams
2000# BOP With Blind Rams

Auxiliary equipment to be used:

- Upper kelly cock with handle available.

The manifold includes appropriate valves and adjustable chokes. The kill line will have one check valve. Ram type preventers will be pressure tested to full working pressure (utilizing a test plug) or 70% of the internal yield pressure (without a test plug) at:

- Initial installation
- Whenever any seal subject to test pressure is broken
- Following related repairs
- At 30 day intervals

Pipe and blind rams shall be activated each trip.

A BOPE pit level drill will be conducted weekly for each drilling crew.

All tests and drills will be recorded in the drilling log.

The accumulator will have sufficient capacity to close all rams and retain 200 psi above pre-charge pressure without the use of closing unit pumps.

Master controls will be at the accumulator.

3. CASING & CEMENTING PROGRAM:

A. The proposed casing program will be as follows:

Depth	Hole Size	Size	Grade	Weight	Thread	Condition
0-250'	12-1/4"	9-5/8"	H-40	32#	STC	New
0-3655'	8-3/4"	7"	K-55	23#	LTC	New
0-TD	6-1/4"	4-1/2"	K-55	11.6 #	LTC	New

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi, whichever is greater, but not to exceed 70% minimum internal yield.

The bottom three joints of the surface casing will have a minimum of one centralizer per joint and one centralizer every fourth joint thereafter.

B. The proposed cementing program will be as follows:

Surface String: Cement will be circulated to surface. Estimated volume (180% of theoretical value):

Lead: 200 sks Class "B" with additives mixed at 15.6 ppg, 1.19 ft³/sks.

Intermediate String: Cement stage collar at 2900'.

First Stage: 165 sks 50/50 "G" Poz with additives mixed at 13.5 ppg, 1.40 ft³/sks, circulated to stage collar.

Second Stage: 300 sks 65/35 "G" Poz with additives mixed at 12.3 ppg, 2.02 ft³/sks, circulated to surface.

Production String: TOC will be tied into the intermediate casing. — 100' min.

Lead: 675 sks 50/50 Poz cement @ 13 lb/gal, 1.47 ft³/sks.

Actual volumes will be calculated and adjusted with caliper log prior to cementing.

4. DRILLING FLUIDS PROGRAM:

Interval	Type	Weight (ppg)	Viscosity	pH	Water Loss	Remarks
0-3655'	Spud-foam	8.4-9.0	29-70	8.0	NC	FW gel, LSND or stiff foam
3655-7880'	Air				NC	
7880-TD	Mud	8.5-9.0*	30-50	8.0-10.0	8-10cc @ TD	Low solids – nondispersed. * Min Wt. to control formation pressure.

NC = no control

Sufficient quantities of mud material will be maintained on site or be readily accessible for the purpose of assuring well control. SPR will be recorded on daily drilling report after mudding up. Visual mud monitoring will be conducted during operations.

5. EVALUATION PROGRAM:

Logs: Platform Express AIT/GR/SP: Intermediate casing point to the base of the surface casing and TD to the base of the intermediate casing.

Platform Express CNL/LDT/PE: Intermediate casing point to the base of the surface casing and TD to the base of the intermediate casing.

Survey: Deviation surveys will be taken every 500' from 0-3655' or first succeeding bit change. The hole will be air drilled from 3640'-TD. The equipment used in this type of operation will not allow for single shot surveys without considerable