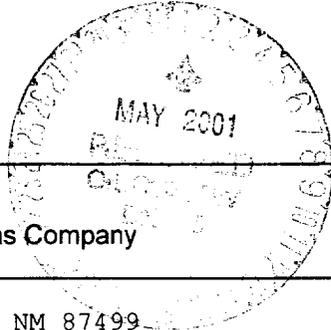


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-080655 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name <i>28038</i>
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Neudecker Com 9. Well Number #291
4. Location of Well 1205' FSL, 1005' FWL Latitude 36° 43.3'N, Longitude 107° 50.5'W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) M Sec. 13, T-29-N, R-10-W API# 30-045-30549
14. Distance in Miles from Nearest Town 1.3 miles from P.O in Blanco, NM	12. County San Juan
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1005'	
16. Acres in Lease	17. Acres Assigned to Well W/319.8
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 358'	
19. Proposed Depth 2291' <small>This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.</small>	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5858' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <i>[Signature]</i> Regulatory/Compliance Supervisor	Date <i>12-8-00</i>



[Handwritten notes and stamps]
"GENERAL SUPERVISOR"

PERMIT NO. _____ APPROVAL DATE 4/26/01
APPROVED BY /s/ Joel Farrell TITLE _____ DATE APR 26

Archaeological Report to be submitted
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3
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 presentations as to any matter within its jurisdiction.

X

DISTRICT I
P.O. Box 1980, Hobbs, N.M. 88241-1980

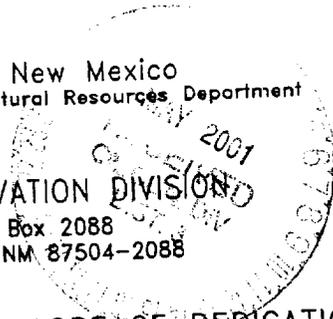
DISTRICT II
P.O. Drawer DD, Artesia, N.M. 88211-0719

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

DISTRICT IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088



Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-30549		² Pool Code 71629 -	³ Pool Name Basin Fruitland Coal
⁴ Property Code 28038	⁵ Property Name NEUDECKER COM		⁶ Well Number 291
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS, INC.		⁹ Elevation 5858'

¹⁰ Surface Location

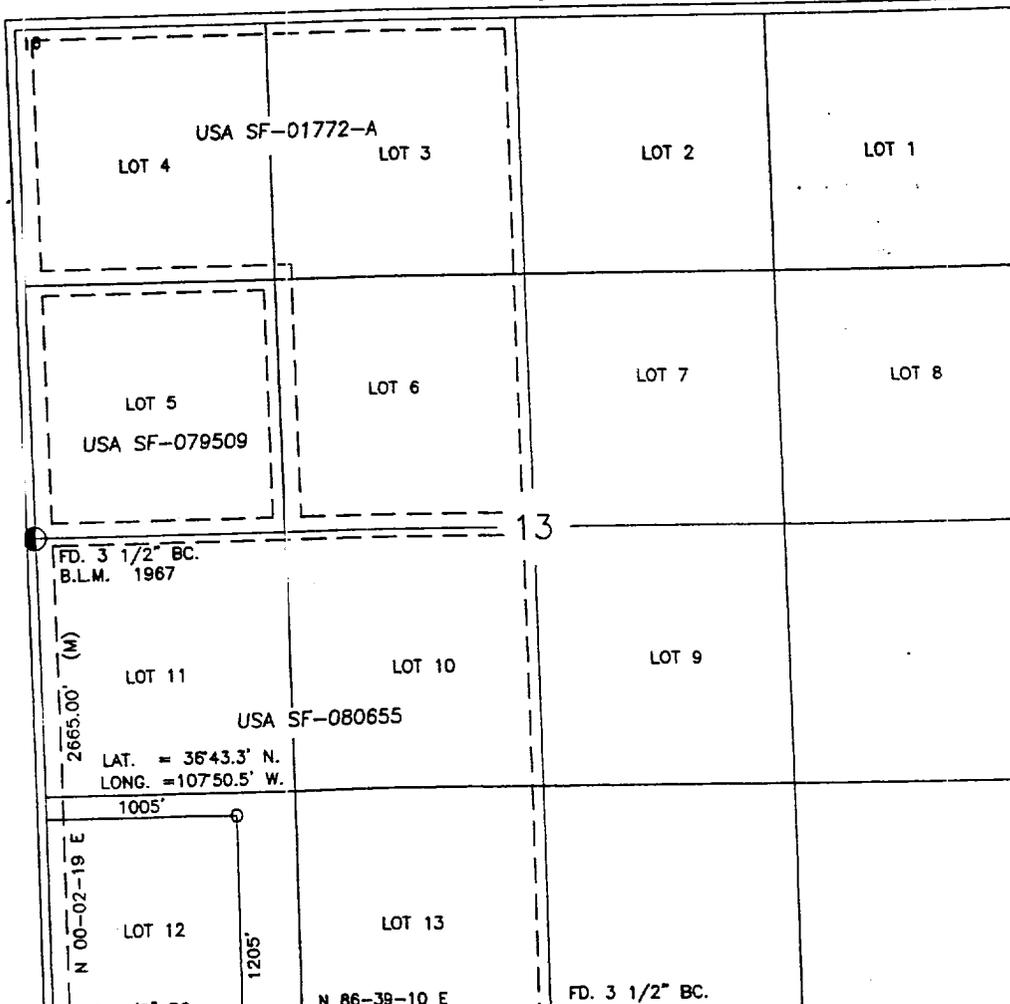
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	13	29-N	10-W		1205	SOUTH	1005	WEST	SAN JUAN

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

¹² Dedicated Acres: W/319.8
¹³ Joint or Infill: _____
¹⁴ Consolidation Code: _____
¹⁵ 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



17 OPERATOR CERTIFICATION

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

Peggy Cole
Signature
Peggy Cole
Printed Name
Regulatory Supervisor
Title
12-8-00
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 knowledge.

Date of Survey: _____
Signature: *[Signature]*
Professional Surveyor Seal:
8894
Certificate Number

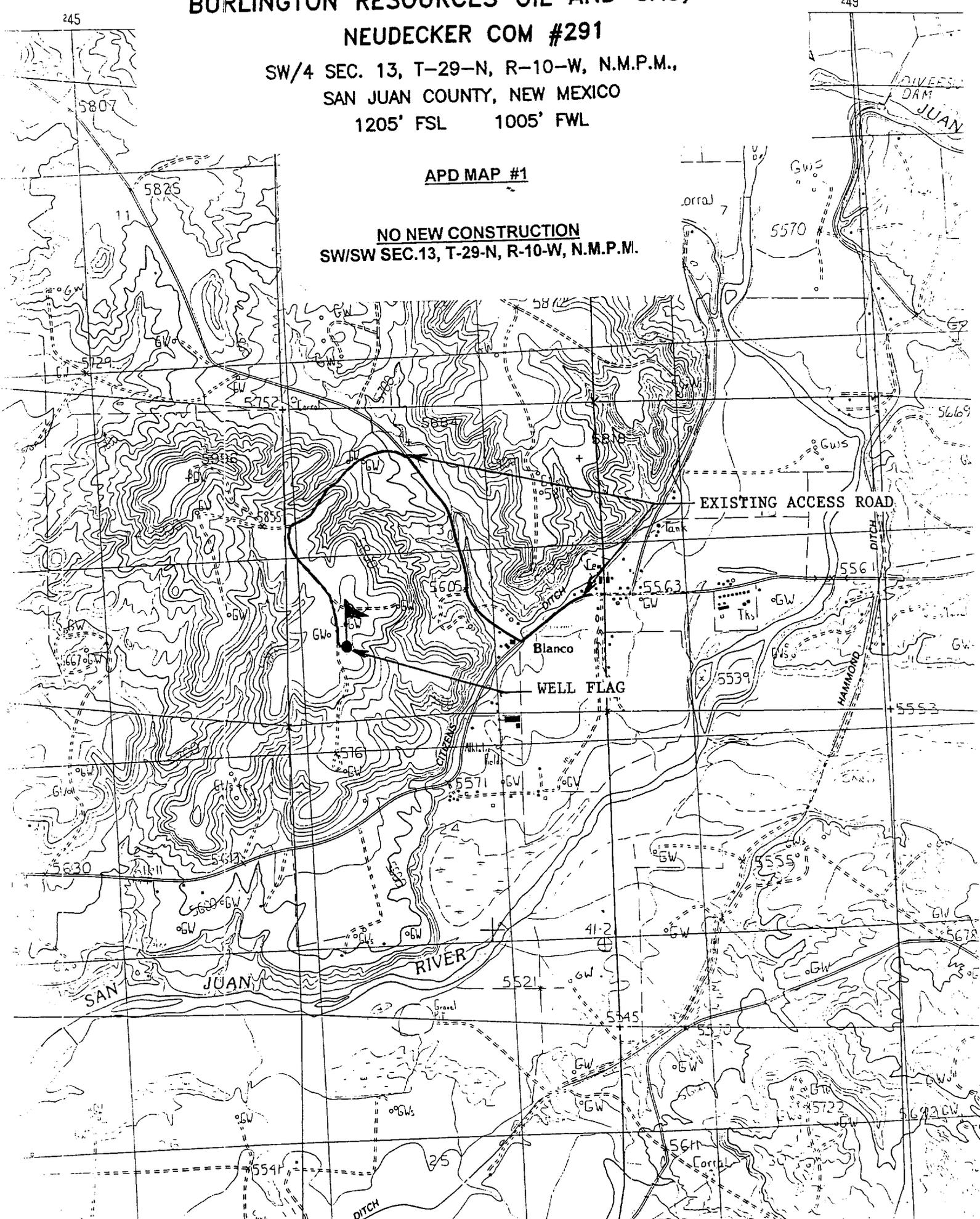
BURLINGTON RESOURCES OIL AND GAS, INC.

NEUDECKER COM #291

SW/4 SEC. 13, T-29-N, R-10-W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
1205' FSL 1005' FWL

APD MAP #1

NO NEW CONSTRUCTION
SW/SW SEC.13, T-29-N, R-10-W, N.M.P.M.



OPERATIONS PLAN

Well Name: Neudecker Com #291
Location: 1205' FSL, 1005' FWL Section 13, T-29-N, R-10-W
Latitude 36° 43.3'N, Longitude 107° 50.5'W
San Juan County, NM
Formation: Basin Fruitland Coal
Elevation: 5858'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	1136'	
Ojo Alamo	1136'	1219'	aquifer
Kirtland	1219'	1929'	gas
Fruitland	1929'	2247'	gas
Pictured Cliffs	2247'	2291'	gas
Total Depth	2291'		

Logging Program: Platform Express from TD to surface.

Mudlog: 2 Man unit from Ojo Alamo to TD.

Coring Program: none

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 120'	Spud	8.4-9.0	40-50	no control
120-2291'	Non-dispersed	8.4-9.5	30-60	no control

Casing Program (as listed, the equivalent, or better):

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
8 3/4"	0' - 120'	7"	20.0#	J-55
6 1/4"	0' - 2291'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 2291' 2 3/8" 4.7# J-55

Float Equipment: 7" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - guide shoe and self-fill float collar. Three centralizers run every fourth joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1219'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 7" x 4 1/2" x 2 3/8" x 11" 2000 psi xmas tree assembly.

Cementing:

7" surface casing - cement with 46 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (54 cu.ft. of slurry, 200% excess to circulate to surface). WOC 8 hrs. Test casing to 600 psi/30 minutes.

4 1/2" production casing - lead w/143 sacks Class "B" with 37#/sx blended silicalite, 3% bentonite, and 4% calcium chloride. Tail with 90 sacks 50/50 Class "B" Pozmix with 2% gel, 2% calcium chloride, 1/4#/sack flocele, 5 pps gilsonite (470 cu.ft., 100% excess to circulate to surface).

Note: If open hole logs are run, cement volumes will be based on 25% excess over caliper volumes.

BOP and tests:

Surface to TD - 11" 2000 psi (minimum) double gate BOP stack (Reference Figure #1). Prior to drilling out surface casing, test rams to 600#/30 min.

Completion - 7 1/6" 2000 psi (minimum) double gate BOP stack (Reference Figure #2). Prior to completion operations, test blind rams and casing to 1500 psi for 30 minutes; all pipe rams and casing to 1500 psi for 30 minutes each.

From surface to TD - choke manifold (Reference Figure #3).

Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Additional information:

- * The Fruitland Coal formation will be completed.
- * Anticipated pore pressure for the Fruitland is 750 psi.
- * This gas is dedicated.
- * The west half of section 13 is dedicated to the Fruitland Coal.

Date: 12/20/00

Drilling Engineer: E. J. Giles