

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2004 FEB 12 AM 11:34

1a. Type of Work DRILL	5. Lease Number SF-079193 Unit Reporting Number MV-8910010510 DK-891001051B	070 Farmington, NM
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name San Juan 28-6 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87458 (505) 326-9700	8. Farm or Lease Name San Juan 28-6 Unit	
	9. Well Number #143N	
4. Location of Well 1790' FNL, 190' FWL Latitude 36°38.9475'N, Longitude 107°29.8907' W	10. Field, Pool, Wildcat Blanco Mesaverde/Basin Dakota	
	11. Sec., Twn, Rge, Mer. (NMPM) E Sec. 20, T28N, R06W API # 30-039- 27614	
14. Distance in Miles from Nearest Town 13 miles to Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 190'		
16. Acres in Lease	17. Acres Assigned to Well 320 W/2	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1300'		
19. Proposed Depth 7898'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6597' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Joni Clark</u> Regulatory/Compliance Specialist	<u>1/29/04</u> Date	

PERMIT NO. _____ APPROVAL DATE 3-8-04
APPROVED BY DM TITLE _____ DATE 3-8-04

Archaeological Report attached

Threatened and Endangered Species Report attached

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.

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

NMCCD

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

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

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

District II
PO Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

District III
1000 Rio Brazos Rd., Aztec, NM 87410

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- 27614		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7462	*Property Name SAN JUAN 28-6 UNIT		*Well Number 143N
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP		*Elevation 6597'

¹⁰ Surface Location

UL or lot no. E	Section 20	Township 28N	Range 6W	Lot Idn	Feet from the 1790	North/South line NORTH	Feet from the 190	East/West line WEST	County RIO ARriba
--------------------	---------------	-----------------	-------------	---------	-----------------------	---------------------------	----------------------	------------------------	----------------------

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 MV - W/320 DK-W/320	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

<p>¹⁶</p> <p>5273.40'</p> <p>5280.00'</p> <p>1790'</p> <p>LAT: 36°38.9475' N LONG: 107°29.8907' W DATUM: NAD27</p> <p>USA SF-079193</p> <p>20</p> <p>070 Farmington, NM 2004 FEB 12 AM 11:34</p> <p>RECEIVED 5273.40'</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Joni Clark</i></p> <p>Signature Joni Clark</p> <p>Printed Name Regulatory Specialist</p> <p>Title 1-29-04</p> <p>Date</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Survey Date: SEPTEMBER 5, 2003</p> <p>Signature and Seal of Professional Surveyor</p> <p><i>JASON C. EDWARDS</i></p> <p>Certificate Number 15269</p>

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #143N
Location: 1790' FNL, 190' FWL, Sec 20, T-28-N, R-6-W
Rio Arriba County, NM
Latitude 36° 38.9 Longitude 107° 29.9
Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 7898'

Logging Program:
Mudlog from 7325' to 7898'

Mud Program: See 28-6 Unit Master Operations Plan

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>	<u>Cement</u>
12 1/4"	0' - 120'	9 5/8"	32.3#	WC-50	113 cu.ft.
8 3/4"	0' - 3674'	7"	20.0#	J-55	822 cu.ft.
6 1/4"	0' - 7800'	4 1/2"	10.5#	J-55	568 cu.ft.
6 1/4"	7800' - 7841'	4 1/2"	11.6#	N-80	
3 7/8"	7841' - 7898'	NA	NA	NA	NA

Tubing Program: See 28-6 Unit Master Operations Plan

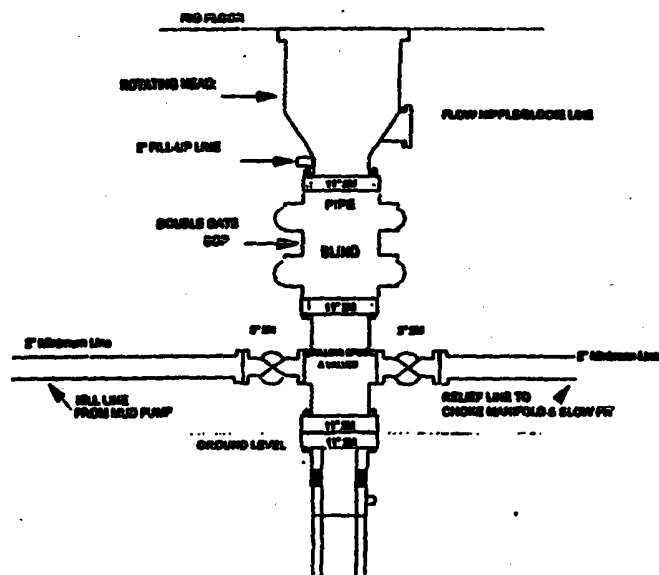
- The Mesaverde and Dakota formations will be completed and commingled.
- The west half of Section 20 is dedicated to the Mesaverde and the west half of Section 20 is dedicated to the Dakota formations in this well.
- Gas is dedicated.

Sean Corrigan
Drilling Engineer

February 11, 2004
Date

Burlington Resources

Drilling Rig 2000 psi System



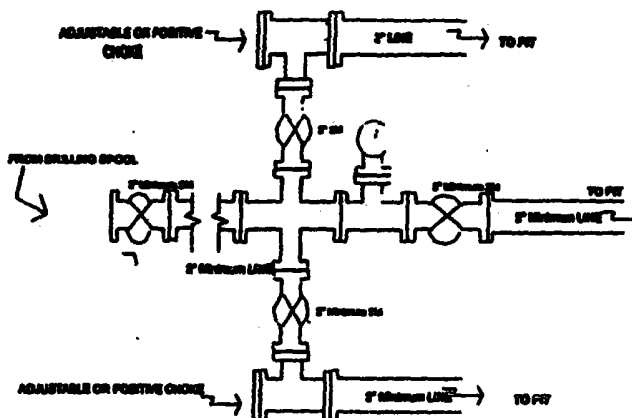
SOP Installation from Surface Casing Point to Total Depth. 1 1/2" Bore 10" Nominal, 2000 psi working pressure double gate SOP to be equipped with blind ram and pipe rams. A 500 psi stripping head on top of ram preventers. All SOP equipment is 2,000 psi working pressure.

Figure #1

4-20-01

Burlington Resources

Drilling Rig Choke Manifold Configuration 2000 psi System

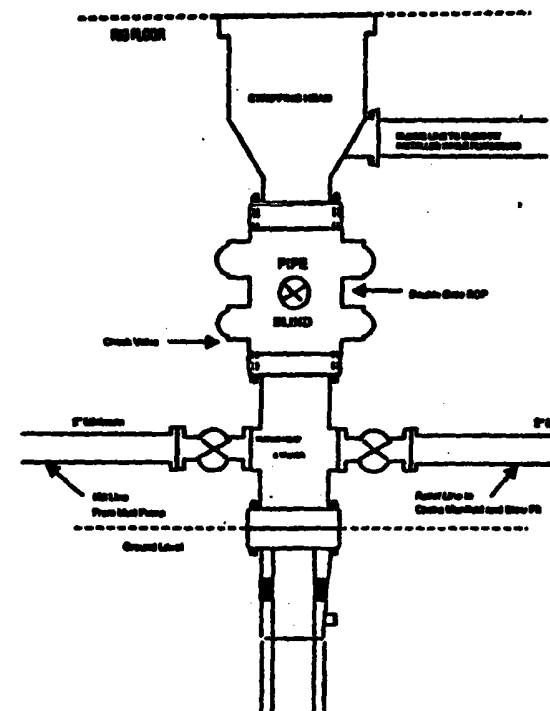


Choke manifold installation from Surface Casing Point to Total Depth. 2,000psi working pressure equipment with two chokes.

Figure #3

Burlington Resources

Completion/Workover Rig BOP Configuration 2,000 psi System



Minimum SOP Installation for all Completion/Workover Operations. 7-1/16" bore, 2000 psi minimum working pressure double gate SOP to be equipped with blind and pipe rams. A stripping head to be installed on the top of the BOP. All BOP equipment is 2000 psi working pressure or greater excluding 500 psi stripping head.

Figure #2

4-20-01

MULTI-POINT SURFACE USE PLAN

San Juan 28-6 Unit #143N

See San Juan 28-6 Unit Master Multi-point Surface Use Plan

- Anticipated pipeline facilities as shown on the attached plat from El Paso Field Services.
- Approximately 1200' of new road will be built.
- Water Supply from San Juan 29-6 Water Well #1 in located in SW/4 Section 28, T-29-N, R-6-W, New Mexico.
- Surface Ownership: Bureau of Land Management
- Cut trees.
- Build a diversion ditch above cut slope between corners 2 & 3, draining east with a silt trap at the midpoint.
- Use silt traps a low spots along the access road.
- Use culverts, set high in dam, to drain silt traps.
- Archaeological Resources: See Archaeological Survey technical report #03-27 from Aztec Contract Archaeology.

Joni Clark
Regulatory Supervisor

1/29/04
Date