

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-079394	
1b. Type of Well GAS	Unit Reporting Number MV-8910010510 DK-8910010510	
2. Operator BURLINGTON RESOURCES Oil & Gas Company	6. If Indian, All. or Tribe BURLINGTON NM	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name San Juan 27-5 Unit	
4. Location of Well 1695' FNL, 295' FWL Latitude 36° 33.6906'N, Longitude 107° 22.2695'W	8. Farm or Lease Name San Juan 27-5 Unit 9. Well Number #122P	
10. Field, Pool, Wildcat Blanco Mesaverde/Basin Dakota	11. Sec., Twn, Rge, Mer. (NMPM) E Sec. 21, T27N, R05W API # 30-039-27755	
14. Distance in Miles from Nearest Town 37.7 miles to Blanco Post Office	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 295'	17. Acres Assigned to Well 320 W/2 - MV 320 N/2 - DK	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1438'	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 7762'	22. Approx. Date Work will Start	
21. Elevations (DF, FT, GR, Etc.) 6547' GR	23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Joni Clark</u> Regulatory Specialist	Date <u>7/28/04</u>	

PERMIT NO. _____

APPROVAL DATE

AUG 04 2004

APPROVED BY Original Signed: Stephen Mason

TITLE _____

DATE

AUG 04 2004

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.

NMCCD

DISTRICT II
611 South First, Artesia, N.M. 88210DISTRICT III
1000 Rio Brazos Rd., Artes, N.M. 87410DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87506

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

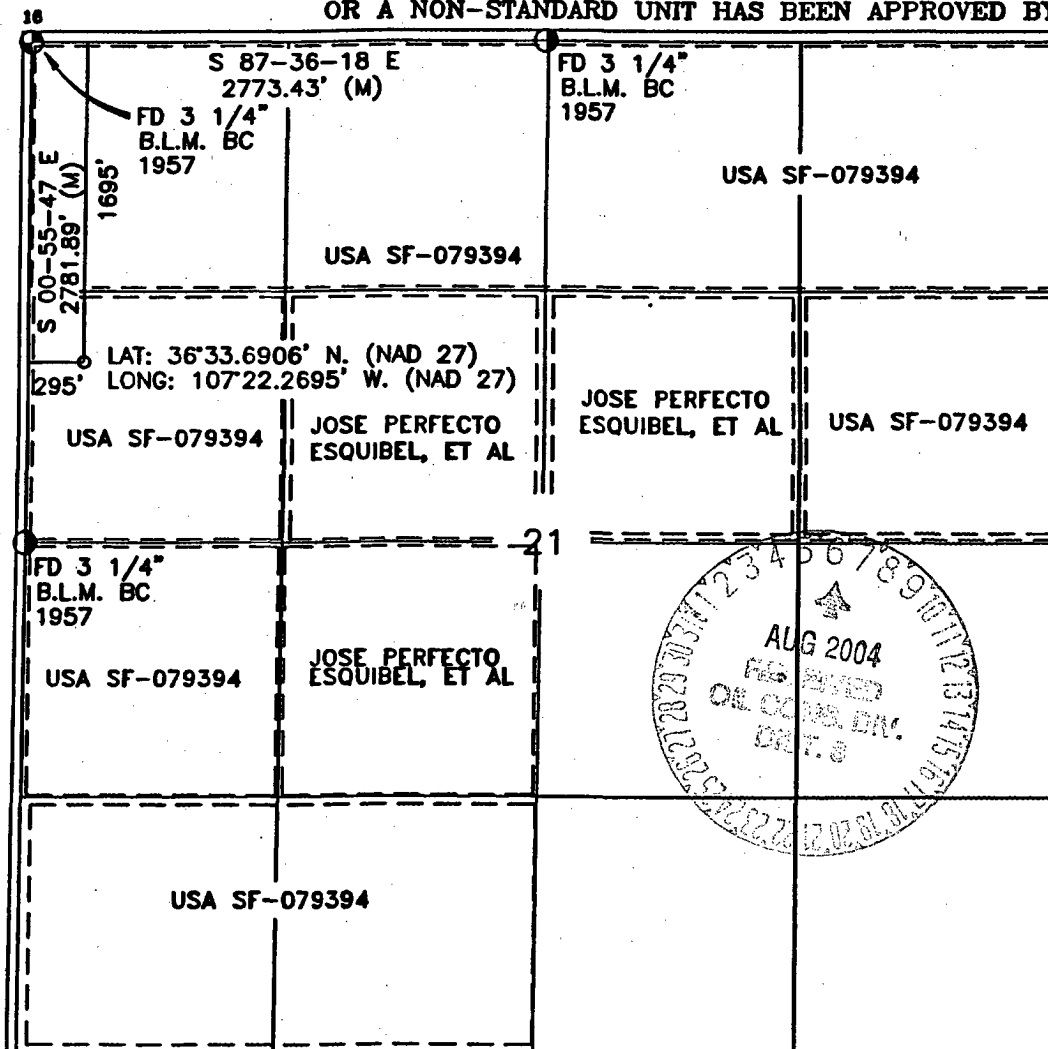
¹ API Number 30-039 27755	² Pool Code 71599/72319	³ Pool Name Basin Dakota/ Blanco Mesaverde
⁴ Property Code 7454	⁵ Property Name SAN JUAN 27-5 UNIT	⁶ Well Number 122 p
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6547'

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
E	21	27-N	5-W		1695'	NORTH	295'	WEST	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 W/2 320 MV N/2 320 DK			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

Signature Joni Clark
Printed Name Joni Clark
Title Regulatory Specialist
Date 7/28/04

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.

Date of Survey AUG 2004
Signature and Seal of Professional Surveyor:
DAVID A. JOHNSON
14827

Certificate Number
14827

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

March 4, 2004

<p>SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)</p>		<p>WELL API NO. 30-039-</p>
<p>1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other</p>		<p>5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/></p>
<p>2. Name of Operator Burlington Resources Oil & Gas Company LP</p>		<p>6. State Oil & Gas Lease No.</p>
<p>3. Address of Operator 3401 E. 30th Street, Farmington, NM 87402</p>		<p>7. Lease Name or Unit Agreement Name San Juan 27-5 Unit</p>
<p>4. Well Location Unit Letter <u>E</u> : <u>1695</u> feet from the <u>North</u> line and <u>295</u> feet from the <u>West</u> line Section <u>21</u> Township <u>27N</u> Range <u>5W</u> NMPM Rio Arriba County, NM</p>		<p>8. Well Number 122P</p>
<p>11. Elevation (Show whether DR, RKB, RT, GR, etc.)</p>		<p>9. OGRID Number 14538</p>
<p>Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)</p>		<p>10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota</p>
<p>Pit Location: UL <u>E</u> Sect <u>21</u> Twp <u>27N</u> Rng <u>5W</u> Pit type <u>New</u> Depth to Groundwater <u>>100'</u> Distance from nearest fresh water well <u>>1000'</u> Distance from nearest surface water <u>>1000'</u> Below-grade Tank Location UL <u> </u> Sect <u> </u> Twp <u> </u> Rng <u> </u> ; <u> </u> feet from the <u> </u> line and <u> </u> feet from the <u> </u> line</p>		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: New Drill Pit ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Burlington Resources proposes to construct a new drill pit. The new drill pit will be an unlined pit as detailed in Burlington's general pit construction plan dated April 26, 2004 on file at the NMOCD office.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Cassady Harraden TITLE Regulatory Specialist DATE 5/10/04

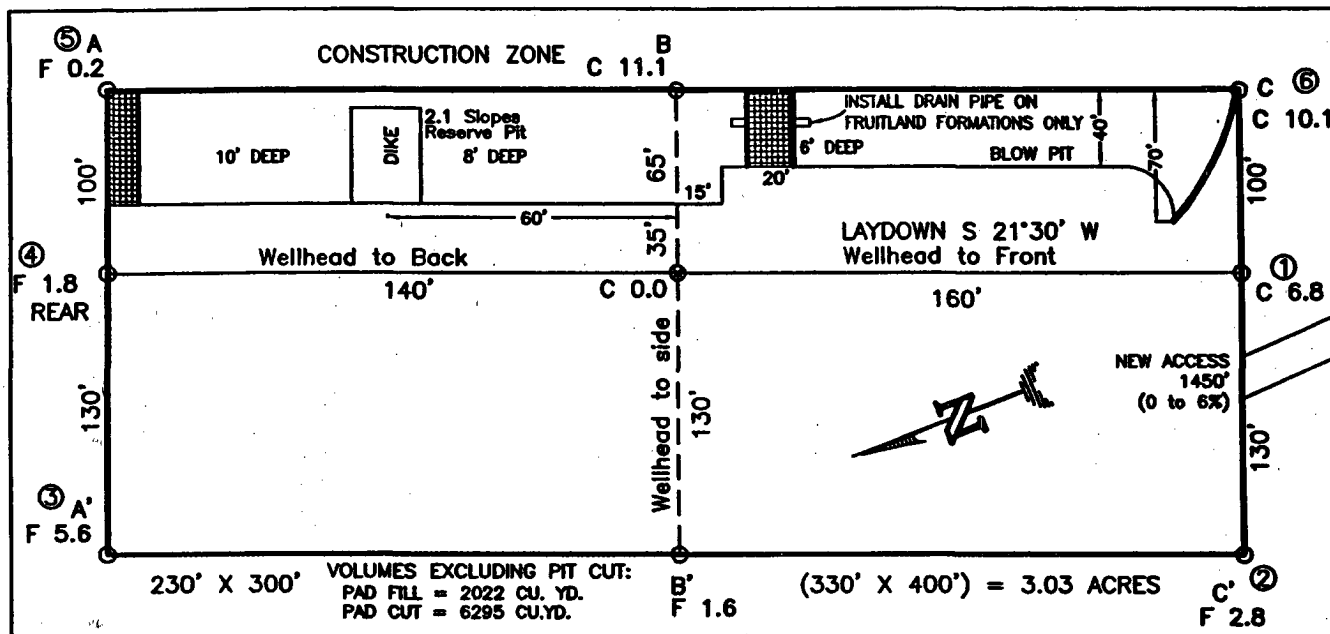
Type or print name Cassady Harraden E-mail address: charraden@br-inc.com Telephone No. 326-9700

(This space for State use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. IV DATE AUG - 6 2004

Conditions of approval, if any:

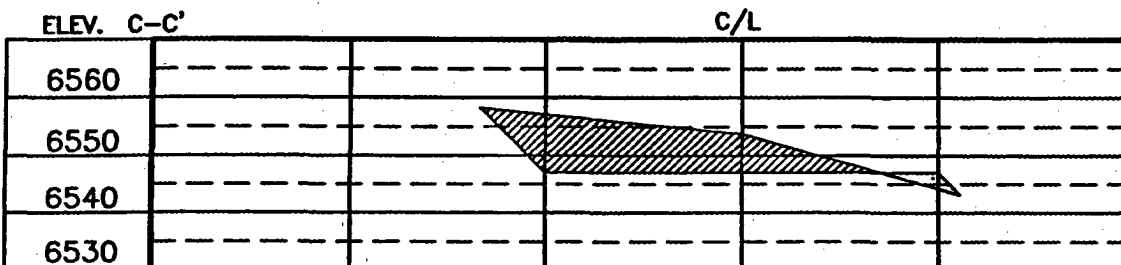
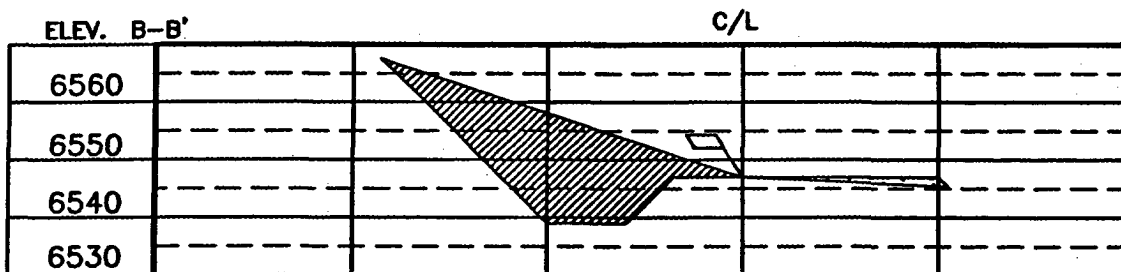
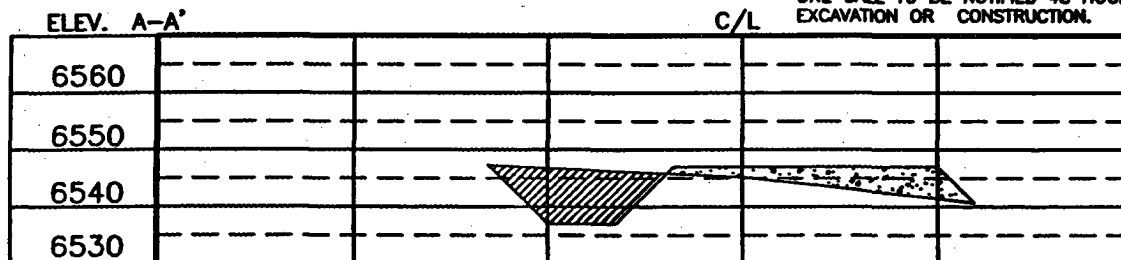
BURLINGTON RESOURCES OIL & GAS COMPANY LP
SAN JUAN 27-5 UNIT No. 122 O, 1695 FNL 295 FWL
SECTION 21, T-27-N, R-5-W, N.M.P.M., RIO ARRIBA COUNTY, NEW MEXICO
GROUND ELEVATION: 6547, DATE: OCTOBER 28, 2003



RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).
 BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

NOTE:

DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.



NOTE: CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

DRAWN BY: A.G.

ROW#: BR499

CADFILE: BR499CF8

DATE: 11/04/03

Daggett Enterprises, Inc.
 Surveying and Oil Field Services
 P. O. Box 15088 Farmington, NM 87401
 Phone (505) 326-1772 Fax (505) 326-6019



OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #122P

Location: 1695' FNL, 295' FWL, Sec 21, T-27-N, R-5-W
Rio Arriba County, NM

Latitude 36° 33.6906' N, Longitude 107° 22.2695' W

Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 7762

Logging Program: See San Juan 27-5 Unit Master Operations Plan

Mud Program: See San Juan 27-5 Unit Master Operations Plan

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

Hole Size	Depth Interval	Csg	Wt.	Grade	Cement		
12 1/4	0' -	120	9.625"	32.3#	H-40	113	cu.ft
8 3/4	0' -	3532	7"	20.0#	J-55	790	cu.ft
6 1/4	0' -	7762	4.5"	10.5#	J-55	576	cu.ft

Tubing Program: See San Juan 27-5 Unit Master Operations Plan

- * The Mesaverde and Dakota formations will be completed and commingled.
- * The west half of Section 21 is dedicated to the Mesaverde and the north half is dedicated to the Dakota formations of this well.
- * Gas is dedicated.

Sean Corrigan
Drilling Engineer

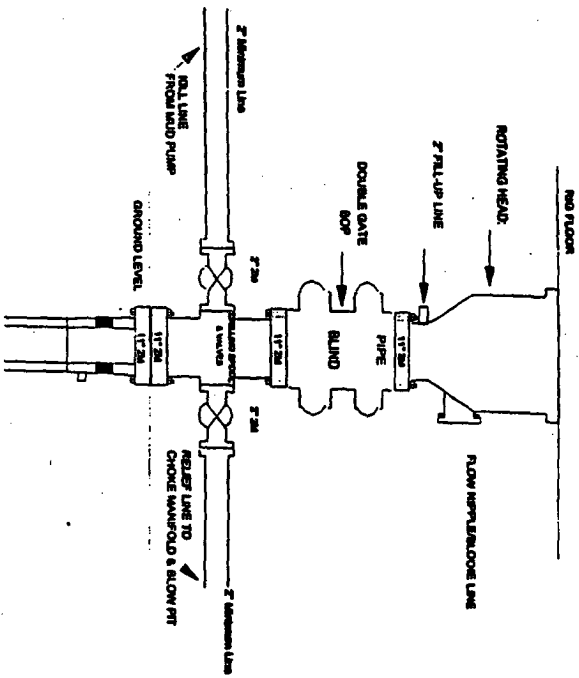
May 13, 2004
Date

*Assumption

Lewis 100

Burlington Resources

Drilling Rig 2000 psi System



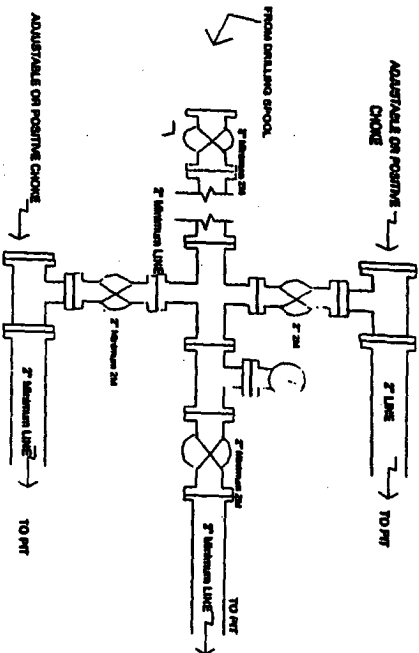
ROP Installation from Surface Casing Point to Total Depth. 11\"/>

Figure #1

4-20-01

BURLINGTON RESOURCES

Drilling Rig Choke Manifold Configuration 2000 psi System



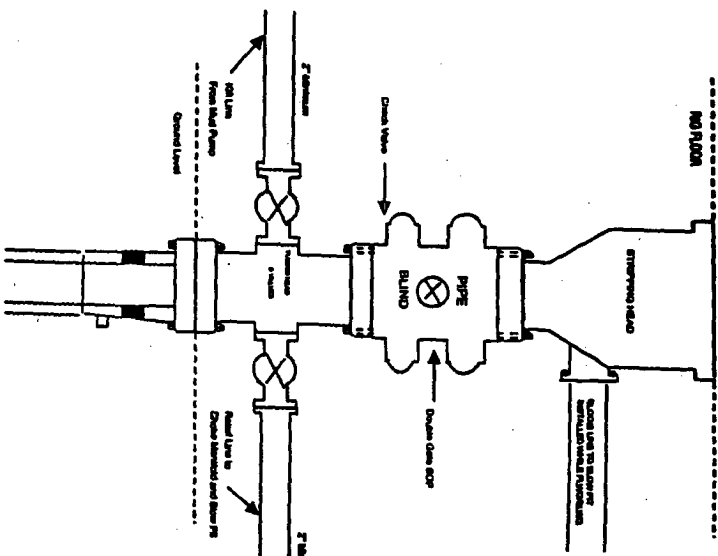
Choke manifold installation from Surface Casing Point to Total Depth. 2,000psi working pressure equipment with two chokes.

Figure #3

4-20-01

BURLINGTON RESOURCES

Completion/Workover Rig BOP Configuration 20,000 psi System



Minimum BOP Installation for all Completion/Workover Operations. 7-1/16\"/>

Figure #2