

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	2004 OCT 4 PM 4 58	5. Lease Number NMSF079050-C Unit Reporting Number
1b. Type of Well GAS	RECEIVED OTO TARMINGTON NM	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 87499 (505) 326-9700		8. Farm or Lease Name 9. Well Number 149N
4. Location of Well Unit G (SENE), 1410' FNL & 2570' FEL Latitude 36° 38.1390' N Longitude 107° 27.2185' W		10. Field, Pool, Wildcat Basin Dakota / Blanca Mesquite 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 27, T28N, R6W API # 30-039- 29270
14. Distance in Miles from Nearest Town Goberndaor 12 miles	12. County Rio Arriba ✓	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line		
16. Acres in Lease	17. Acres Assigned to Well 320 MV/DK E/2	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1500' - PC well		
19. Proposed Depth 7834'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6562' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Patsy Chugh</u> Regulatory Compliance Specialist	<u>10-4-04</u> Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM DATE 2-3-05

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.

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

OIL CONSERVATION DIVISION

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

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

PO Box 2088
Santa Fe, NM 87504-2088

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039 29270		*Pool Code 72919/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7462	*Property Name SAN JUAN 28-6 UNIT		*Well Number 149N
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP		*Elevation 6562'

10 Surface Location

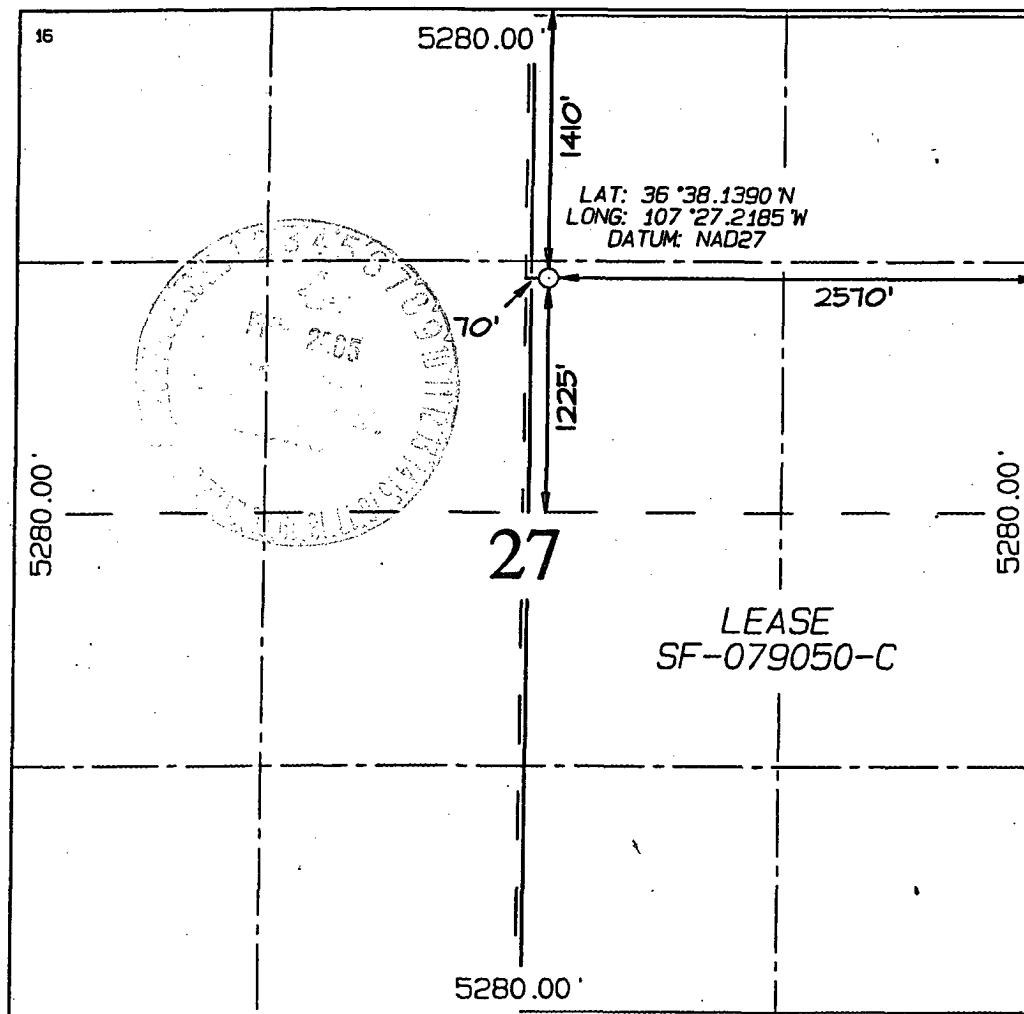
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	27	28N	6W		1410	NORTH	2570	EAST	RIO ARriba

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

*Dedicated Acres MV/DK E2 320	*Joint or Infill	*Consolidation Code	*Order No.
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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



LEASE
SF-079050-C

17 OPERATOR CERTIFICATION

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

Patsy Clugston
Signature
Patsy Clugston

Printed Name
Regulatory Specialist

Title

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: JUNE 15, 2004

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

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

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

May 27, 2004

WELL API NO.	30-039-
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	Federal - NMSF079050C
7. Lease Name or Unit Agreement Name	San Juan 28-6 Unit
8. Well Number	149N
9. OGRID Number	14538
10. Pool name or Wildcat	Basin DK & Blanco MV

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.)

1. Type of Well:	Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other
2. Name of Operator	BURLINGTON RESOURCES OIL & GAS COMPANY LP
3. Address of Operator	3401 E. 30TH STREET, FARMINGTON, NM 87402
4. Well Location	Unit Letter <u>G</u> : <u>1410</u> feet from the <u>North</u> line and <u>2570</u> feet from the <u>East</u> line Section <u>27</u> Township <u>28N</u> Range <u>6W</u> NMPM County <u>Rio Arriba</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	6562'

Pit or Below-grade Tank Application	<input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type <u>new drill</u> Depth to Groundwater <u>>100'</u> Distance from nearest fresh water well <u>>1000'</u> Distance from nearest surface water <u>>1000'</u>	
Pit Liner Thickness: <u>n/a</u> mil Below-Grade Tank: <u>Volume</u> bbls; Construction Material	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK	<input type="checkbox"/>	PLUG AND ABANDON	<input type="checkbox"/>
TEMPORARILY ABANDON	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	MULTIPLE COMPL	<input type="checkbox"/>
OTHER:	New Drill Pit	<input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
COMMENCE DRILLING OPNS.	<input type="checkbox"/>	P AND A	<input type="checkbox"/>
CASING/CEMENT JOB	<input type="checkbox"/>		
OTHER:		<input type="checkbox"/>	

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 plan dated April 26, 2004 on file at the NMOCD office. Burlington Resources anticipates closing the pit according to the general pit dated August 2, 2004 on file at the NMOCD Office in Aztec.

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 Patsy Clugston TITLE Sr. Regulatory Specialists DATE 8/16/2004

Type or print name Patsy Clugston E-mail address: pclugston@br-inc.com Telephone No. 505-326-9518

For State Use Only

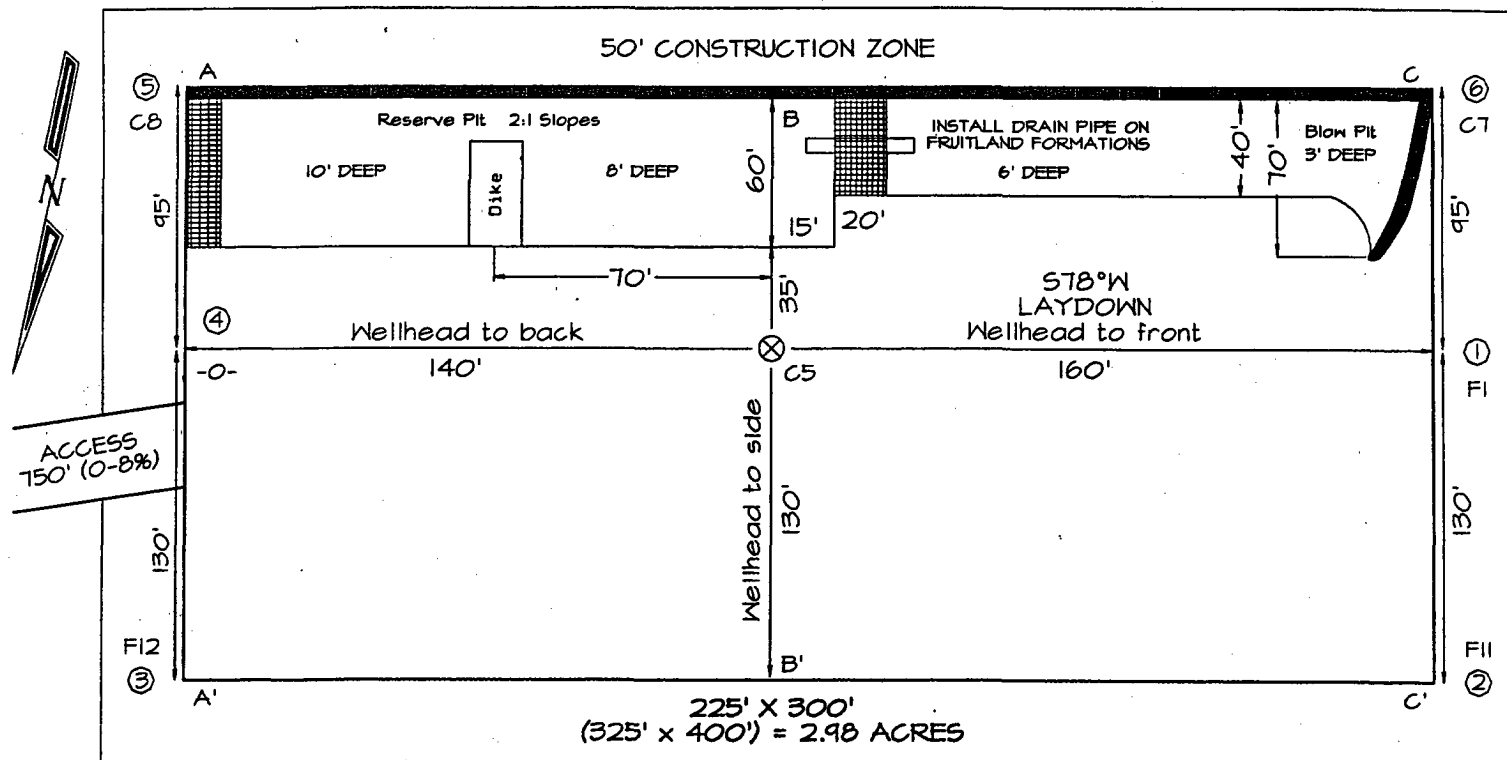
APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. IV DATE FEB - 4 2005

Conditions of Approval (if any):

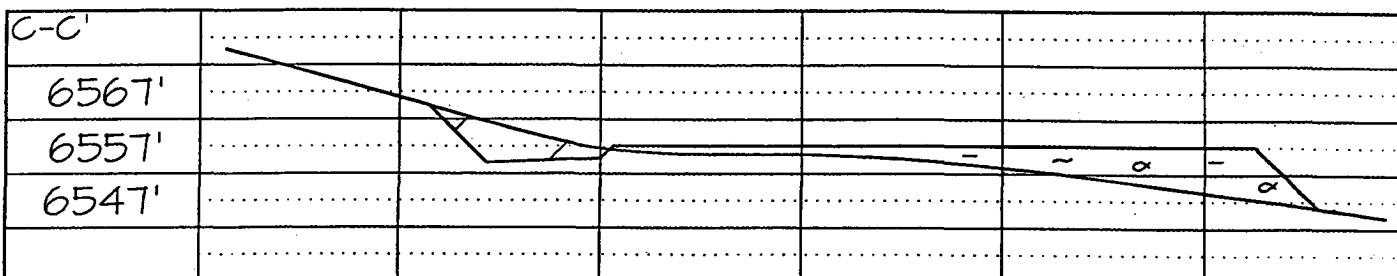
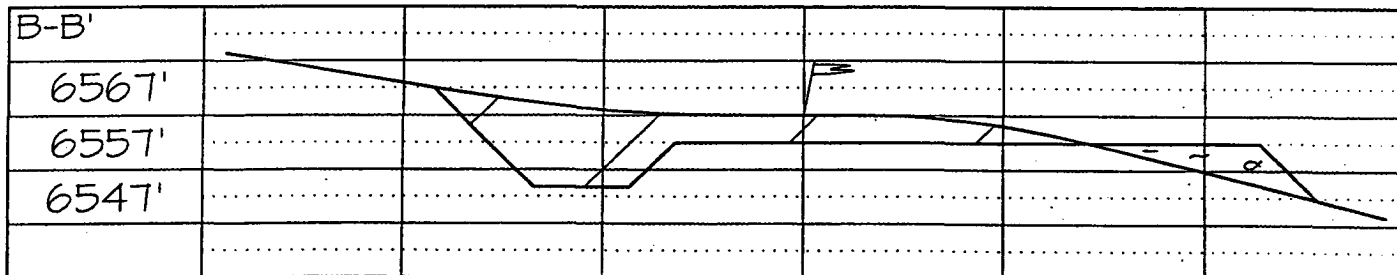
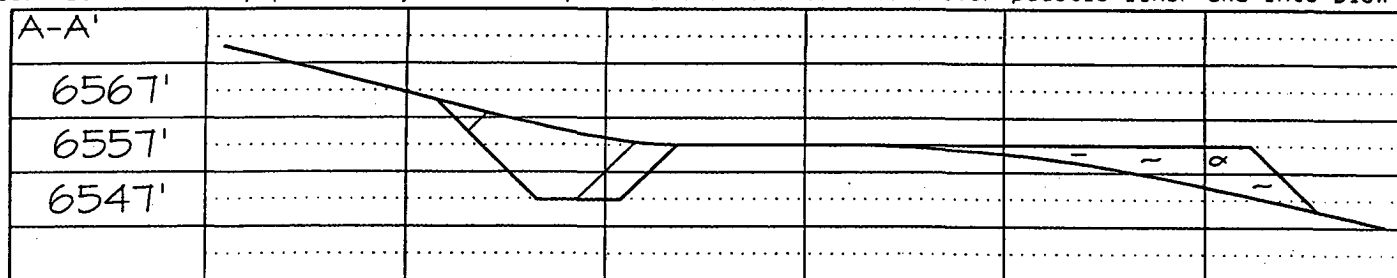
PLAT #1

BURLINGTON RESOURCES OIL & GAS COMPANY, LP
 SAN JUAN 28-6 UNIT #149N, 1410' FNL & 2570' FEL
 SECTION 27, T28N, R6W, NMPM, RIO ARRIA COUNTY, NM
 GROUND ELEVATION: 6562' DATE: JUNE 15, 2004

LATITUDE: 36°38'08"
 LONGITUDE: 107°27'13"
 DATUM: NAD1927



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: 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

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #149N

Location: Unit G, (SWNE), 1410' FNL & 2570' FEL, Sec. 27, T28N, R6W
Rio Arriba County, NM

Latitude 36° 38.1390' N, Longitude 107° 27.2185'W

Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 7834'

Logging Program: See San Juan 28-6 Unit Master Operations Plan

Mud Program: See San Juan 28-6 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' -	3629	7"	20.0#	J-55	812 cu.ft
6 1/4	0' -	7834	4.5"	10.5# *	J-55	573 cu.ft

* Note will use 4-1/2", 11.6#, J-55 casing below 7800'

Tubing Program: See San Juan 28-6 Unit Master Operations Plan

- * The Mesaverde and Dakota formations will be completed and commingled.
- * The east half of Section 27 is dedicated to the Mesaverde and the Dakota formation in this well.
- * Gas is dedicated.

Sean Louyan
Drilling Engineer

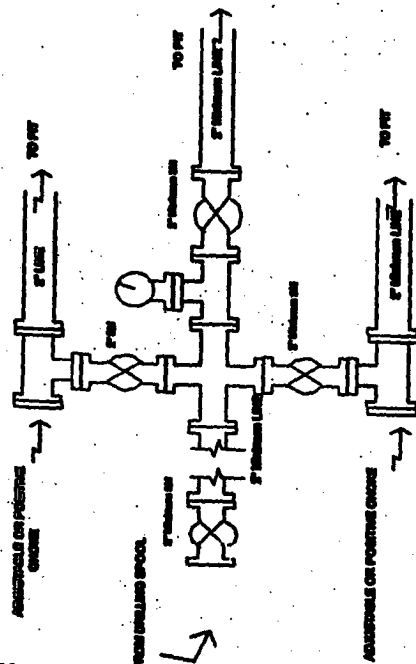
August 19, 2004
Date

*Assumption

Lewis 100

BURLINGTON RESOURCES

**Drilling Rig
Choke Manifold Configuration
3000 psi System**



Choice manifold installation from Surface Casing Point to Total Depth. 3,000psi working pressure equipment with two chokes.

Figure #2

6-20-01

Mainstream BOP Installation for all Completion/Workover Operations. 7-1/16" bore, 3000 psi minimum working pressure double gate BOP to be equipped with blind and shear rams. A stripping head to be installed on the top of the BOP. All BOP equipment is 3000 psi working pressure or greater excluding 500 psi stripping head.

4-20-01

4-20-01