

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2006 FEB 16 PM 3 26

1a. Type of Work
DRILL

1b. Type of Well
GAS

2. Operator
BURLINGTON
RESOURCES Oil & Gas Company

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499
(505) 326-9700

4. Location of Well
255' FSL, 2615' FEL
Latitude 36° 44.9001'N, Longitude 107° 35.6182'W

5. Lease Number
SF078951

Unit Reporting Number
NM NM-078478-DK NM NM-078478-MV

6. If Indian, All. or Tribe

7. Unit Agreement Name
San Juan 29-7 Unit

8. Farm or Lease Name
San Juan 29-7 Unit

9. Well Number
#90N

10. Field, Pool, Wildcat
Blanco Mesaverde/Basin Dakota

11. Sec., Twn, Rge, Mer. (NMPM)
0 Sec. 5, T29N R07W
API # 30-039-29815

12. County
Rio Arriba

13. State
NM

14. Distance in Miles from Nearest Town
15.5 miles to Intersection Blanco Post Office

15. Distance from Proposed Location to Nearest Property or Lease Line
255'

16. Acres in Lease

17. Acres Assigned to Well
E/2 315.94 MV/DK

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
1570'

19. Proposed Depth
7476'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6172' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Joni Clark
Regulatory Specialist

Date 2/15/06

PERMIT NO.

APPROVAL DATE

APPROVED BY D. Mante

TITLE AFM

DATE 2/28/06

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.

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

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

NMOCD

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
RECEIVED
OCTOBER 16 PM 3:27
FARMINGTON NM
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-0390 29815		Pool Code 72319/71599		Pool Name Blanco Mesaverde/Basin Dakota	
Property Code 7465 ✓		Property Name SAN JUAN 29-7 UNIT ✓			Well Number 90N ✓
OGRIID No. 14538 ✓		Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP			Elevation 6172' ✓

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
0	5	29-N	7-W		255'	SOUTH	2615'	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 E/2 315.94 acres			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 LOT 8	LOT 7	LOT 6	LOT 5
5			
LAT: 36°44.9001' N. LONG: 107°35.6182' W. NAD 1987			
2615'			
265'			
N 89°-40' W 2840.7'			

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
Sr. Regulatory Specialist
Title
9-22-05
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.

Date of Survey
9-20-05
Signature and Seal of Professional Surveyor
GLENN W. RUSSELL
NEW MEXICO
LICENSED
15703
Certificate Number
15703

Submit 3 Copies To Appropriate District Office

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

Form C-103

May 27, 2004

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.	30-039-29815
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	NMSF-078951
7. Lease Name or Unit Agreement Name	San Juan 29-7 Unit
8. Well Number	90N
9. OGRID Number	14538
10. Pool name or Wildcat	Blanco Mesaverde/Basin Dakota
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6172'	
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type New Drill Depth to Groundwater >100' Distance from nearest fresh water well >1000' Distance from nearest surface water >1000'	
Pit Liner Thickness: na mil Below-Grade Tank: Volume bbls; Construction Material	

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 ☐ Gas Well ☒ 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 O : 255 feet from the South line and 2615 feet from the East line
Section 5 Township 29N Range 07W NMPM County Rio Arriba

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6172'

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☐

CASING/CEMENT JOB ☐

ALTERING CASING ☐

P AND A ☐

OTHER:

New Drill Pit ☒

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 drilling pit and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and vent/flare pit will be an unlined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the vent/flare pit will be designed to manage fluids, and that portion will be unlined, as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 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 Joni Clark TITLE Regulatory Specialist DATE 10/4/2005

Type or print name
For State Use Only

Joni Clark

E-mail address:

jclark@br-inc.com

Telephone No.

505-326-9700

APPROVED BY

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. 63

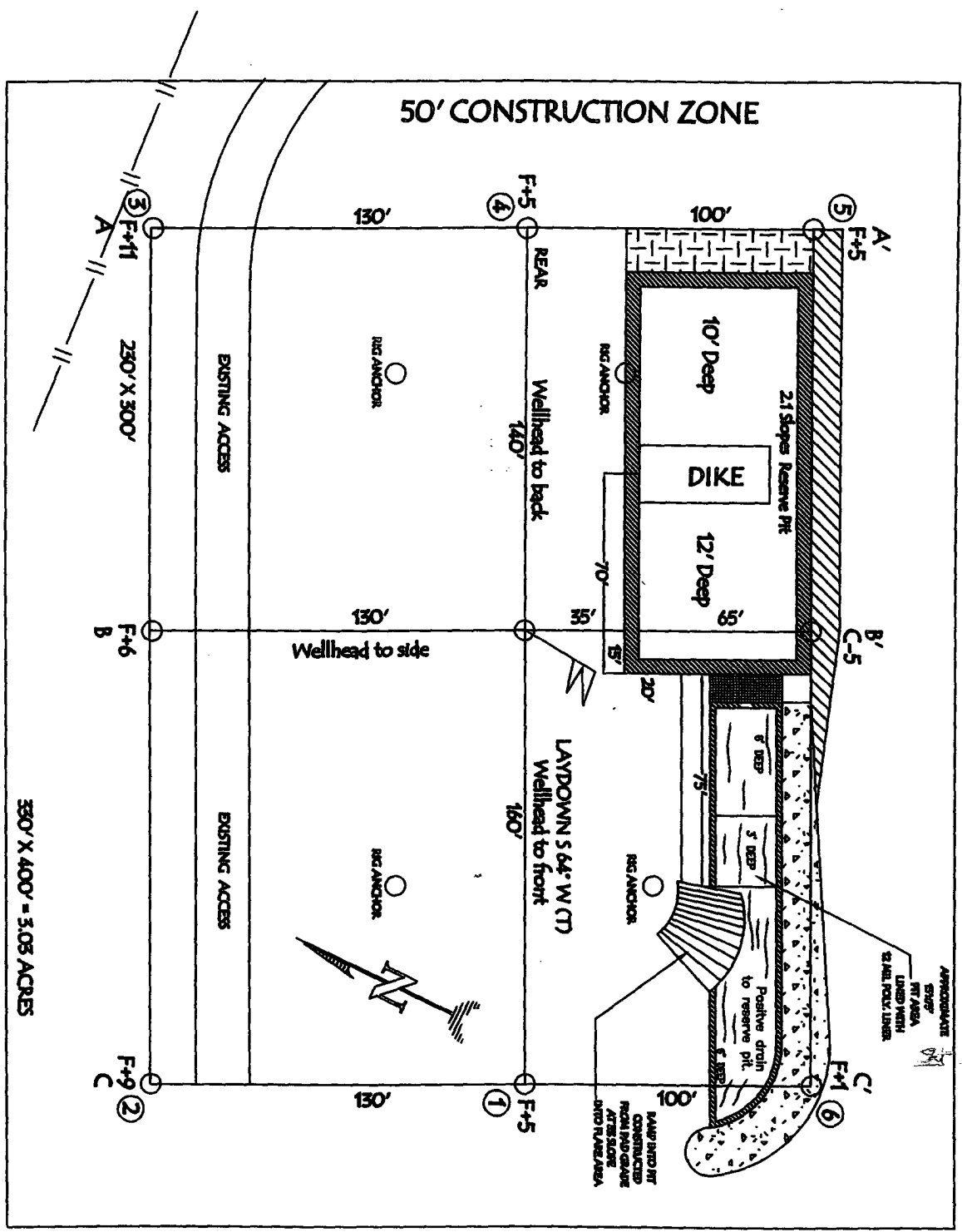
DATE

MAR 03 2006

Conditions of Approval (if any):

BURLINGTON RESOURCES OIL & GAS COMPANY LP
SAN JUAN 29-7 UNIT #90N, 255' FSL & 2615' FEL
SECTION 5, T-29-N, R-7-W, NMPM, RIO ARriba COUNTY, NM
GROUND ELEVATION: 6172', DATE: SEPTEMBER 14, 2005

RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).

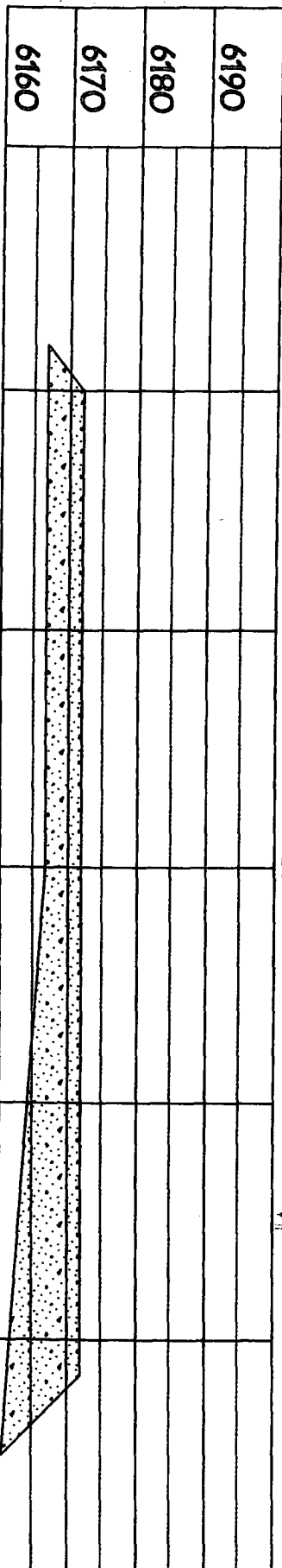


LATITUDE: 36° 44.9001' LONGITUDE: 107° 35.6182' NAD27

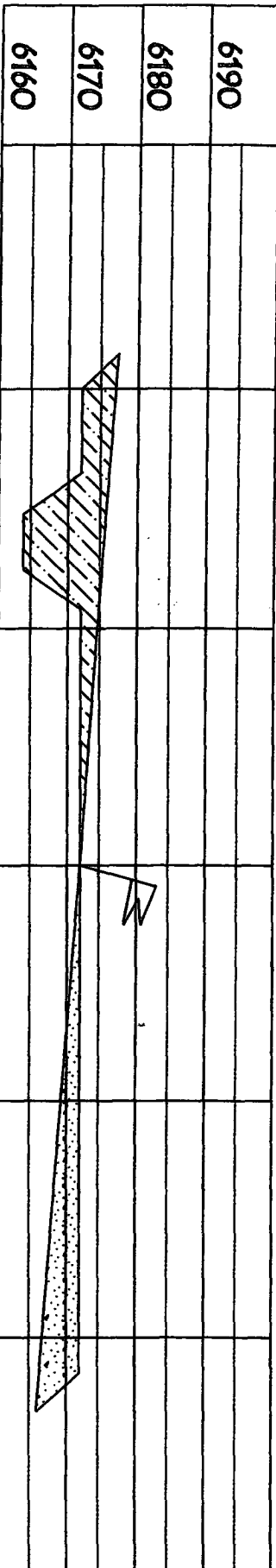
NOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
 CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED
 PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

BURLINGTON RESOURCES OIL & GAS COMPANY LP
SAN JUAN 29-7 UNIT #90N, 255' FSL & 2615' FEL
SECTION 5, T-29-N, R-7-W, NMPM, RIO ARriba COUNTY, NM
GROUND ELEVATION: 6172', DATE: SEPTEMBER 14, 2005

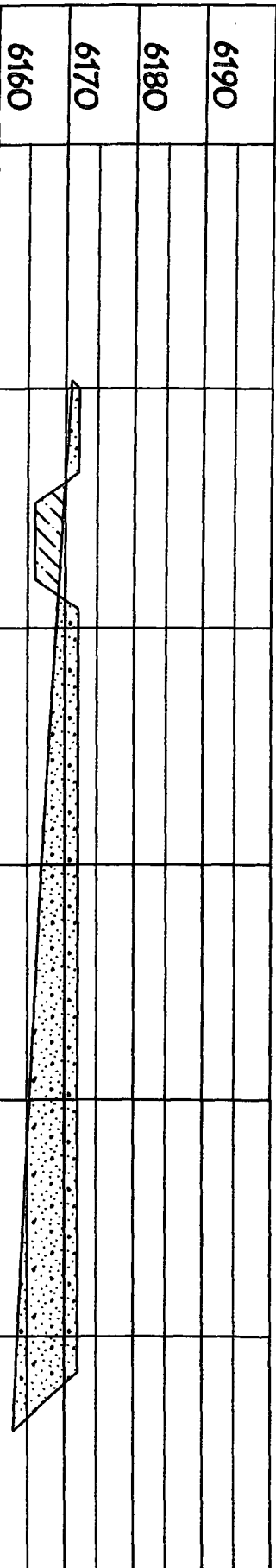
ELEV. A'-A



ELEV. B'-B



ELEV. C'-C



NOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
 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 29-7 Unit #90N

Location: 255' FSL, 2615' FEL, Sec 5, T29N, R7W
Rio Arriba County, NM

Latitude 36° 44.9001'N, Longitude 107° 35.6182'W

Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 7476'

Logging Program: See San Juan 29-7 Unit Master Operations Plan

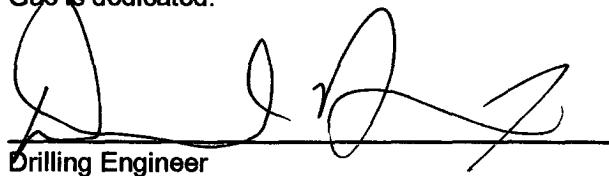
Mud Program: See San Juan 29-7 Unit Master Operations Plan

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' - 3246	7"	20.0#	J-55	726	cu.ft
6 1/4	0' - 7476	4.5"	10.5/11.6#	J-55	576	cu.ft

Tubing Program: See San Juan 29-7 Unit Master Operations Plan

- * The Mesaverde and Dakota formations will be completed and commingled.
- * The east half of Section 5 is dedicated to the Mesaverde and the Dakota formation in this well.
- * Gas is dedicated.


Drilling Engineer

11/10/05
Date

*Assumption
Lewis 100