

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2006 FEB 23 PM 2 47

1a. Type of Work DRILL	5. Lease Number SF-079522-A Unit Reporting Number C10 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 28-5 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 28-5 Unit 9. Well Number #74E	
4. Location of Well 570' FSL, 495' FEL Latitude 36° 36.6538'N, Longitude 107° 18.1319'W	10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 36, T28N, R05W API # 30-039-29820	
14. Distance in Miles from Nearest Town 37.5 miles to Blanco, NM Post Office	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 495'	17. Acres Assigned to Well 330.74 ac (NWSE, Lots 2,3,5,6,7,8)	
16. Acres in Lease		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1489'		
19. Proposed Depth 8615'	20. Rotary or Cable Tools Rotary	
This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4		
21. Elevations (DF, FT, GR, Etc.) 7316' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS". HOLD C104 FOR <u>NSL - non-committed tract</u> 8 RCVD FEB21'07 OIL CONS. DIV. 2/23/07 MSL:3 Date	
24. Authorized by: <u>Jane Clark</u> Sr. Regulatory Specialist		

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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.

~~NO NDA NOTIFICATION REQUIRED UNDER ORDER 11644~~

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

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

NOTIFY AZTEC OGD 24 hrs
IN TIME TO WITNESS CS 96 Cement

NMOCD

8 2/21/07

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

RECEIVED
070 FARMINGTON NM
2006 FEB 28 AM 8 25

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-29820		Pool Code 71599	Pool Name Basin Dakota
Property Code 7460	Property Name SAN JUAN 28-5 UNIT		Well Number 74E
OGRIID No. 14538	Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		Elevation 7329'

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
P	36	28-N	5-W		570'	SOUTH	495'	EAST	RIO ARriba

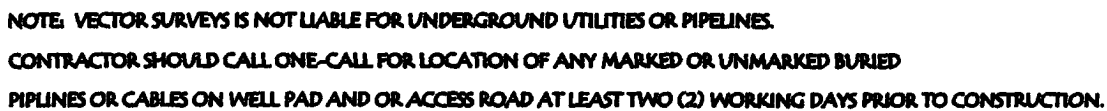
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 330.74 ac NWSE, Lots 2, 3, 5, 6, 7, 8			Joint or Infill		Consolidation Code		Order No. R-2948 Tract 10		

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

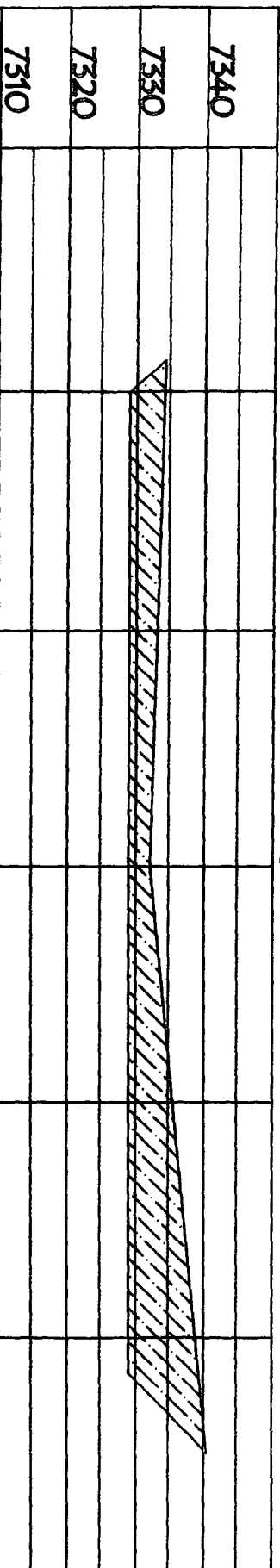
¹⁶				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <u>Joni Clark</u> Printed Name: <u>Joni Clark</u> Title: <u>Sr. Regulatory Specialist</u> Date: <u>1/23/06</u>			
				¹⁸ SURVEYOR CERTIFICATION 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: <u>1/23/06</u> Signature: <u>Carl Russell</u> Title: <u>Licensed Professional Surveyor</u> Certificate Number: <u>15703</u>			

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

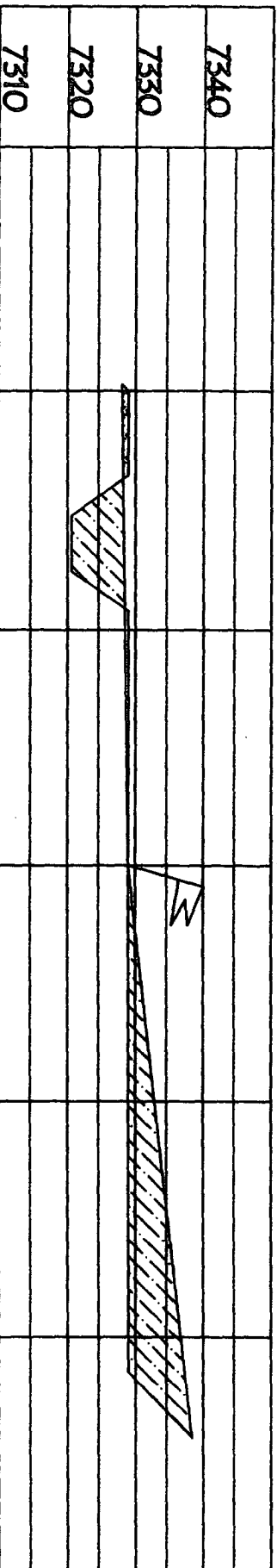


BURLINGTON RESOURCES OIL & GAS COMPANY LP
SAN JUAN 28-5 UNIT #74E, 570' FSL & 495' FEL
SECTION 36, T-28-N, R-5-W, NMPM, RIO ARriba COUNTY, NM
GROUND ELEVATION: 7329', DATE: DECEMBER 6, 2005

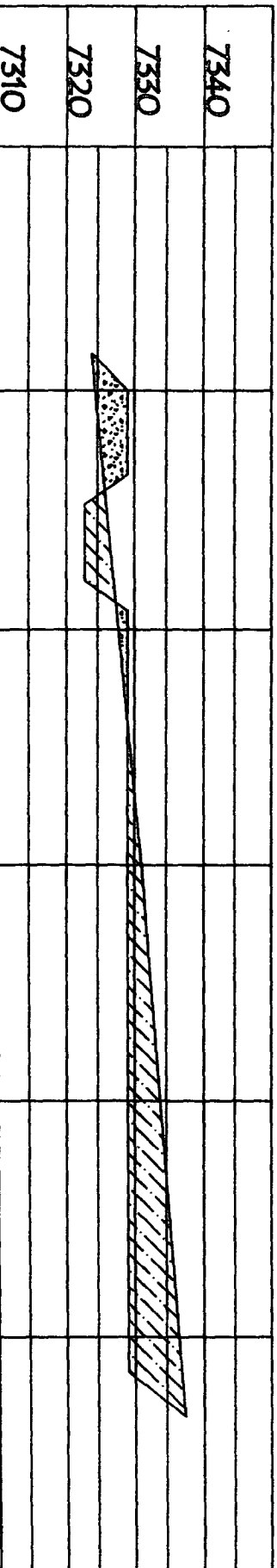
ELEV. A'-A



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 28-5 Unit #74E

Location: 570' FSL, 495' FEL, Sec 36, T28N, R5W
Rio Arriba County, NM

Latitude 36° 36.6538' N, Longitude 107° 18.1319' W

Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 8628'

Logging Program: See San Juan 28-5 Unit Master Operations Plan

Mud Program: See San Juan 28-5 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' -	4438	7"	20.0#	J-55	994 cu.ft
6 1/4	0' -	8628	4.5"	10.5#	J-55	571 cu.ft

* Note - Will use 7", 23#, L-80 7" casing from 4000' to intermediate TD

** Note - Will use 4.5# 11.6#, N-80 casing from 7800' to TD

Tubing Program: See San Juan 28-5 Unit Master Operations Plan

- * The Mesaverde and Dakota formations will be completed and commingled.
- * The southern portion of section 36 (NWSE, Lots 2, 3, 5, 6, 7, 8) is dedicated to the Mesaverde and the Dakota formation in this well.
- * Gas is dedicated.

Drilling Engineer

Date

1/26/06

*Assumption

Lewis 100

Directions from the Post Office
in Blanco, NM
to
Burlington Resources Oil & Gas Company LP
SAN JUAN 28-5 UNIT #74E
570' FSL & 495' FEL,
Section 36, T28N, R5W, N.M.P.M., Rio Arriba County,
New Mexico

From the Post Office in Blanco, NM
Take Highway 64 East for 27.6 miles,
To mile post 101.1,

turn right (S) for 1.1 miles,
turn left (SE) for 1.9 miles,
turn right (S) for 5.1 miles on Arnorld Ranch Road,
stay right (S) @ y-intersection for 1.7 miles,
towards the top of Tucker Ridge,
turn left (W) for 0.1 miles to the newly
staked well location on the left (N) side of the road.