

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
DEC - 8 1997

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK **OIL CON. DIV.**

1a. Type of Work DRILL	5743322 FNL:45 C/O FARMINGTON, NM	5. Lease Number SF-079193 Unit Reporting Number 891001051B-Dk 8910010510-MV	DIST. 3
1b. Type of Well GAS		6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES 14538 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 7462 San Juan 28-6 Unit 9. Well Number 142M	
4. Location of Well 1830' FNL, 2525' FWL Latitude 36° 38.9, Longitude 107° 28.3		10. Field, Pool, Wildcat 72319 Blanco MV/Basin Dk 71589 11. Sec., Twn, Rge, Mer. (NMPM) F Sec 21, T-28-N, R-6-W API # 30-039-25755	
14. Distance in Miles from Nearest Town 4 miles to Gobernador		12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1830'			
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 1600'			
19. Proposed Depth 7788 This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.		20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6461' 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"	
24. Authorized by: <u><i>Deann Shadfield</i></u> (Regulatory/Compliance Administrator)		<u>8-8-97</u> Date	

PERMIT NO. _____

APPROVAL DATE DEC 04 1997

APPROVED BY /S/ Duane W. Spencer

TITLE _____

DATE DEC - 4 1997

Archaeological Report to be submitted by Arboles

Threatened and Endangered Species Report to be submitted by Ecosphere

NOTE: an APD was approved 2-10-81 for this well in this 1/4 Section.

HOLD C-104 FOR N56
NMOCD

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

District II
PO Drawer 00, Artesia, NM 88211-0719

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C
Revised February 21,
Instructions on
Submit to Appropriate District Office
State Lease - 4 Cc
Fee Lease - 3 Cc

57 AUG 22 AM 11:45

☐ AMENDED REPORT

070 HARRINGTON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25755		Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota
Property Code 7462	Property Name SAN JUAN 28-6 UNIT		Well Number 142M
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		Elevation 6461'

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
F	21	28	6		1830	North	2525	WEST	RIO ARRIE

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.
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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

<p>16</p> <p>NMSF-079193</p> <p>5278.68'</p> <p>1830'</p> <p>2525'</p> <p>21</p> <p>5274.72'</p> <p>5280.00'</p> <p>5280.00'</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained here is true and complete to the best of my knowledge and belief.</p> <p><i>Peggy Bradfield</i> Signature</p> <p>Peggy Bradfield Printed Name</p> <p>Regulatory Administrator Title</p> <p>8-8-97 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, or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JUL 9, 1997 Date</p> <p><i>Neale C. Edwards</i> Signature</p> <p>NEALE C. EDWARDS NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 6857</p> <p>6857 Certificate Number</p>

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #142M
Location: 1830' FNL, 2525' FWL Sec 21, T-28-N, R-6-W
Rio Arriba County, NM
Latitude 36° 38.9, Longitude 107° 28.3
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6461' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2508'	
Ojo Alamo	2508'	2923'	aquifer
Fruitland	2923'	3283'	gas
Pictured Cliffs	3283'	3473'	gas
Lewis	3473'	3828'	gas
Intermediate TD	3573'		
Mesa Verde	3828'	4243'	gas
Chacra	4243'	4958'	
Massive Cliff House	4958'	5118'	gas
Menefee	5118'	5473'	gas
Massive Point Lookout	5473'	6698'	gas
Gallup	6693'	7433'	gas
Greenhorn	7433'	7538'	gas
Graneros	7538'	7650'	gas
Dakota	7650'		gas
TD (4 1/2" liner)	7788'		

Logging Program:

Cased hole - CBL - TD to 200' above TOC, GR/CNL across MV/Dk

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-9.0	40-50	no control
200-3573'	LSND	8.4-9.0	30-60	no control
3573-7788'	Gas	n/a	n/a	n/a

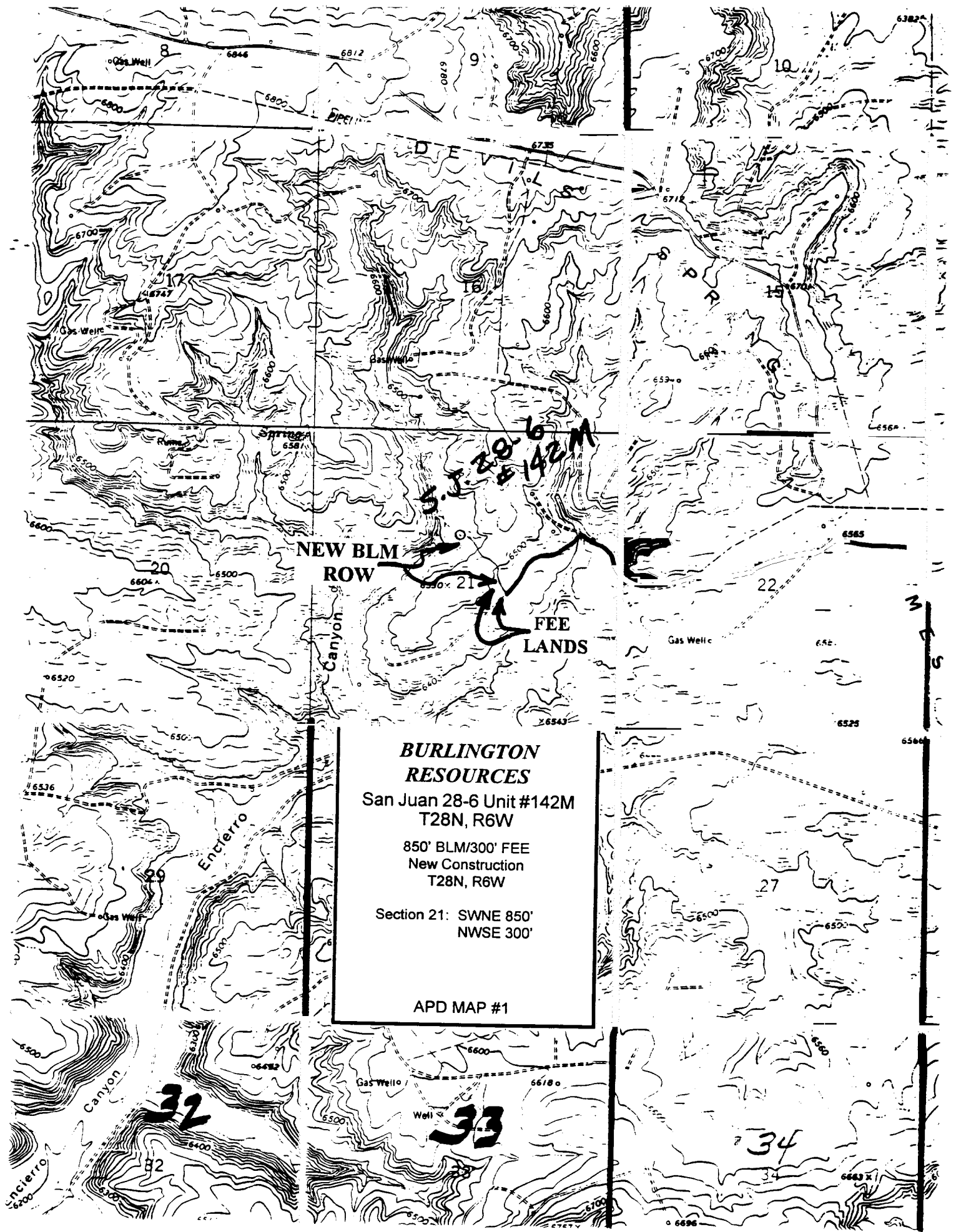
Pit levels will be visually monitored to detect gain or loss of fluid control.

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>
12 1/4"	0' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 3573'	7"	20.0#	J-55
6 1/4"	3473' - 6855'	4 1/2"	10.5#	J-55
6 1/4"	6855' - 7788'	4 1/2"	11.6#	J-55

Tubing Program:

0' - 7788' 2 3/8" 4.70# EUE



**BURLINGTON
RESOURCES**
San Juan 28-6 Unit #142M
T28N, R6W

850' BLM/300' FEE
New Construction
T28N, R6W

Section 21: SWNE 850'
NWSE 300'

APD MAP #1