

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
BLM

53 JUL 18 PM 1:18
7070 FARMINGTON, NM

1a. Type of Work DRILL	5. Lease Number SF-080674
	Unit Reporting Number 891001054A - MV NMSF080674-Dk
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company 14538	Unit Agreement Name San Juan 27-4 Unit 1452
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 27-4 Unit 9. Well Number 3A
4. Location of Well 2145' FSL, 630' FEL Latitude 36° 34' 18", Longitude 107° 13' 56"	10. Field, Pool, Wildcat 72319 Blanco MV/Basin Dk 71599 11. Sec., Twn, Rge, Mer. (NMPM) I Sec 15, T-27-N, R-4-W API # 30-039- 25915
14. Distance in Miles from Nearest Town 60 miles to Bloomfield	12. County RA 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 630'	
16. Acres in Lease	17. Acres Assigned to Well 320 E/2-MV; S/2-Dk
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease	
19. Proposed Depth 8235'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6864' GR	22. Approx. Date Work will Start 5-15-98
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>[Signature]</u> Regulatory/Compliance Administrator	Date

PERMIT NO. _____

APPROVAL DATE 7/21/98

APPROVED BY /s/ Duane W. Spencer

TITLE _____

DATE JUL 21 1998

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

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.

~~HOLD CLOSURE FOR MV DK NDL~~
N 2L-4076 NMOCD

District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer 66K, Aramis, NM 87211-0719
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, 1998
Instructions on
Submit to Appropriate District Office
State Lease - 4 Cx
Fee Lease - 3 Cx

☐ AMENDED REPORT

98 JUN 18 PM 1:18

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25915	Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota
Property Code 7452	Property Name SAN JUAN 27-4 UNIT	Well Number # 3A
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 6864

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
I	15	27 N	4 W		2145	SOUTH	630	EAST	RIO ARR

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-E/320 DK-S/320	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTEREST HAVE BEEN CONSOLIDATED.
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 RECEIVED JUL 24 1998 OIL CON. DIV. DIST. 2	5280'(R)	5280'(R)	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Peggy Bradfield</i> Printed Name: Peggy Bradfield Title: Regulatory Administrator Date: 5-15-98
	5280'(R)	5280'(R)	18 SURVEYOR CERTIFICATION 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. Date of Survey: April 29, 1998 Signature and Seal of Professional Surveyor: 7016 Certificate Number

15
NMSF - 080674
630'
2145'

(R) - GLO Record

OPERATIONS PLAN

Well Name: San Juan 27-4 Unit #3A
Location: 2145' FSL, 630' FEL Sec 15, T-27-N, R-4-W
Rio Arriba County, NM
Latitude 36° 34' 18", Longitude 107° 13' 56"
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6864' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3196'	
Ojo Alamo	3196'	3415'	aquifer
Kirtland	3415'	3446'	
Fruitland	3446'	3755'	gas
Pictured Cliffs	3755'	3991'	gas
Lewis	3991'	4287'	gas
Intermediate TD	4091'		
Huerfano Bentonite	4287'	4365'	gas
Chacra	4365'	5506'	
Massive Cliff House	5506'	5583'	gas
Menefee	5583'	5909'	gas
Massive Point Lookout	5909'	6936'	gas
Gallup	6936'	7869'	gas
Greenhorn	7869'	8059'	gas
Dakota	8059'		gas
TD (4 1/2" liner)	8235'		

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
200-4091'	LSND	8.4-9.0	30-60	no control
4091-8235'	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' - 4091'	7"	20.0#	J-55
6 1/4"	3991' - 8235'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 8235' 2 3/8" 4.70# EUE

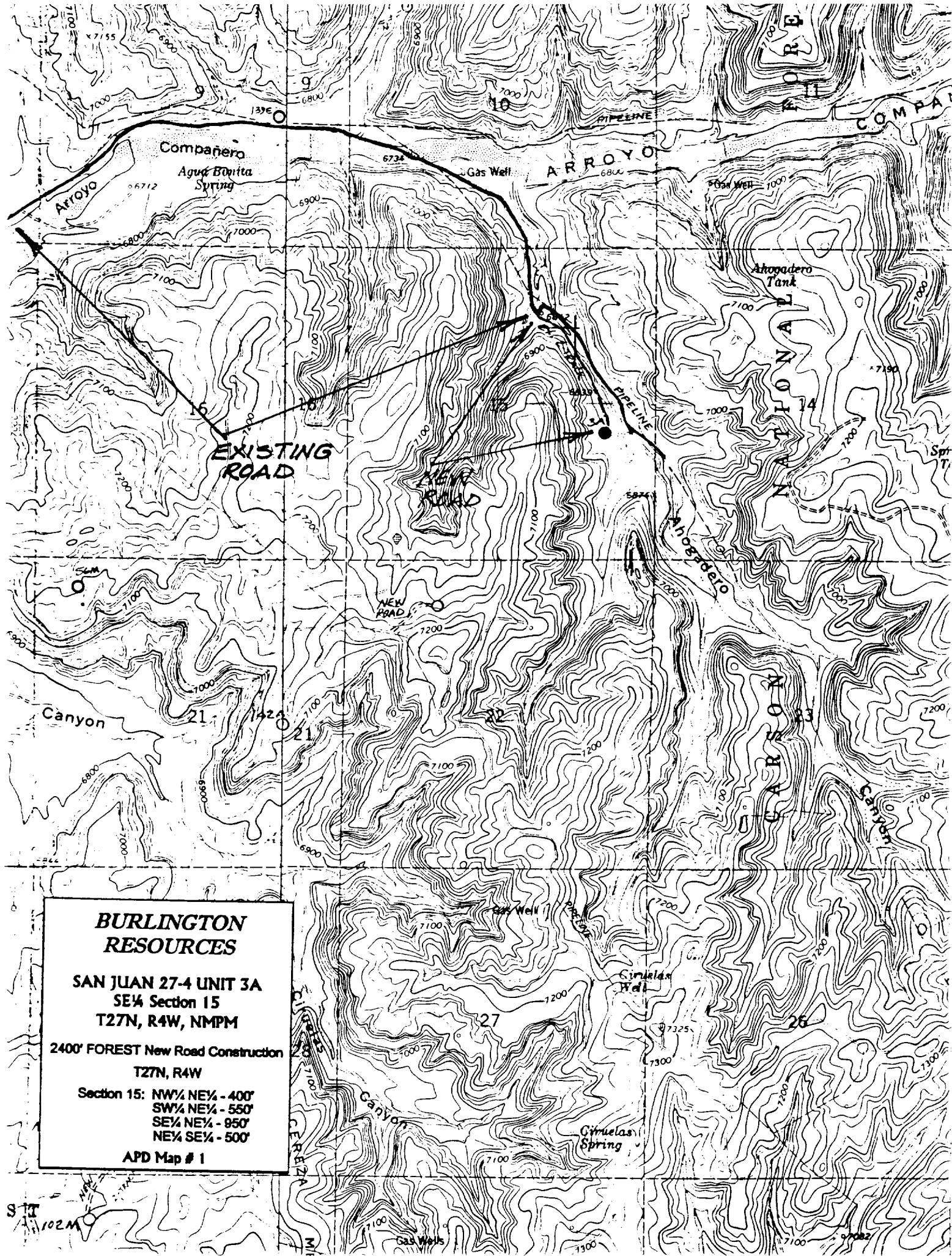
BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

Intermediate TD to Total Depth -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out intermediate casing, rams and casing will be tested to 1500 psi for 30 minutes.



**BURLINGTON
RESOURCES**

SAN JUAN 27-4 UNIT 3A
SE¼ Section 15
T27N, R4W, NMPM

2400' FOREST New Road Construction
T27N, R4W

Section 15: NW¼ NE¼ - 400'
SW¼ NE¼ - 550'
SE¼ NE¼ - 950'
NE¼ SE¼ - 500'

APD Map # 1