

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED FEB 24 1997 OIL CON. DIV. DIST. 3	5. Lease Number SF-078138 Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company 14538		7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 18932 Morris Com 9. Well Number 101
4. Location of Well 1850' FSL, 1120' FEL Latitude 36° 47.7, Longitude 108° 0.5		10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. (NMPM) I Sec 20, T-30-N, R-11-W API # 30-045-29437
14. Distance in Miles from Nearest Town 1.5 miles to Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1120'		
16. Acres in Lease	17. Acres Assigned to Well 319.37 S/2	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 300'		
19. Proposed Depth 5026'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 5807' 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>James B. Bradford</i></u> Regulatory/Compliance Administrator	Date <u>1-8-97</u>	

PERMIT NO. _____

APPROVAL DATE

FEB 21 1997

APPROVED BY /s/ Duane W. Spencer

TITLE _____

DATE

FEB 21 1997

Archaeological Report submitted by Arboles Contract Archaeology Technical Report #940
Threatened and Endangered Species Report submitted by Ecosphere dated October 1996
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

OK
(E)

NMOCB

District I
PO Box 1980, Hobbs, NM 88240-1980
District II
PO Drawer 00, Artesia, NM 88211-0719
District III
1000 N.W. Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

RECEIVED
BLM
State of New Mexico
Energy, Minerals & Natural Resources Department
97 JAN 13 PM 2:42
OIL CONSERVATION DIVISION
PO Box 2088, BURLINGTON, NM
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29437		Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 18932	Property Name Morris Com		Well Number 101
OGUID No. 14538	Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY		Elevation 5807'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
I	20	30 N	11 W		1850	South	1120	East	S.J.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acre
S/319.37

13 Joint or Infill

14 Consolidation Code

15 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		2621.52'		2537.70'	
3		2		1	
4		5			
20		6		5297.16'	
FEE		FEE		1120'	
SF-078138		9		1850'	
7		8		SF-078138	
2624.16'		2665.08'			

RECEIVED
FEB 24 1997
OIL CON. DIV
DIST. 3

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

Signature
Peggy Bradfield
Printed Name
Regulatory Administrator
Title
1-8-97
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.

9-25-96
Date of Survey
Signature and Seal of Professional Surveyor
NEALE C. EDWARDS
REG. 8857
6857
Certificate Number

OPERATIONS PLAN

Well Name: Morris Com #101
Location: 1850'FSL, 1120'FEL Section 20, T-30-N, R-11-W
San Juan County, New Mexico
Latitude 36° 47.7, Longitude 108° 0.5
Formation: Blanco Mesa Verde
Elevation: 5807'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	730'	aquifer
Ojo Alamo	730'	841'	aquifer
Kirtland	841'	1849'	
Fruitland	1849'	2146'	gas
Pictured Cliffs	2146'	2396'	gas
Lewis	2396'	2911'	gas
Intermediate TD	2496'		
Chacra	2911'	3736'	gas
Mesa Verde	3736'	5226'	gas
Massive Cliff House	3826'	3906'	gas
Menefee	3906'	4499'	gas
Point Lookout	4499'		gas
Total Depth	5026'		

Logging Program:

Open hole logs:
HRI/GRI/SP TD to surface csg;
Dens-Neut TD to 1800'
CMR/GR TD to 2100'
Mud Logs/Coring/DST - none

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-8.9	40-50	no control
200-2496'	LSND	8.4-9.0	30-60	no control
2496-5026'	Gas/Mist	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#	H-40
8 3/4"	0' - 2496'	7"	20.0#	J-55
6 1/4"	2396' - 5026'	4 1/2"	10.5#	J-55

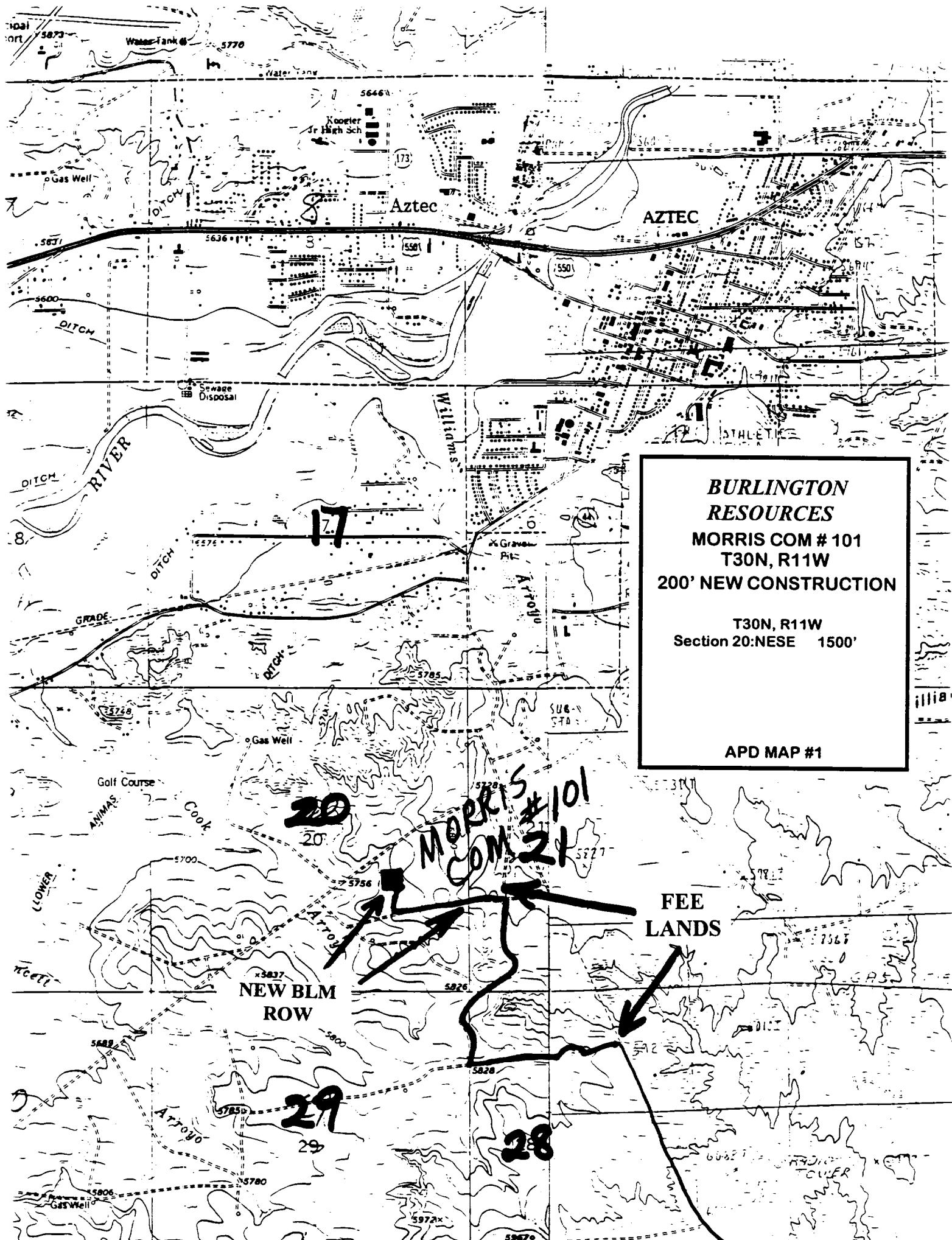
Tubing Program:

0' - 5026' 2 3/8" 4.7# J-55

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.



**BURLINGTON
RESOURCES**
MORRIS COM # 101
T30N, R11W
200' NEW CONSTRUCTION

T30N, R11W
Section 20:NESE 1500'

APD MAP #1