

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
RECEIVED
BLM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

98 NOV 23 PM 1:58

1a.	Type of Work DRILL	5. Lease Number SF-080113 Unit Reporting Number
1b.	Type of Well GAS	6. If Indian, All. or Tribe
2.	Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name
3.	Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Hartman Com 7098 9. Well Number #5A
4.	Location of Well 915' FSL, 1185' FEL Latitude 36° 47.6 , Longitude 107° 57.3	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec. Twn, Rge, Mer. (NMPM) Sec. 23, T-30-N, R-11-W API # 30-045-
14.	Distance in Miles from Nearest Town 4 miles to Aztec	12. County San Juan 13. State NM
15.	Distance from Proposed Location to Nearest Property or Lease Line 915'	
16.	Acres in Lease	17. Acres Assigned to Well 5/318.48
18.	Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 600' This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	
19.	Proposed Depth 5190'	
20.	Rotary or Cable Tools Rotary	
21.	Elevations (DF, FT, GR, Etc.) 6047' GR	
22.	Approx. Date Work will Start	
23.	Proposed Casing and Cementing Program See Operations Plan attached	
24.	Authorized by:  Regulatory/Compliance Administrator	11-14-98 Date

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

PERMIT NO. _____	APPROVAL DATE _____
APPROVED BY/S/ Duane W. Spencer	TITLE Team Lead, Petroleum Management
	DATE FEB 17 1999

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.

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994
Instructions on back

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

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

Submit to Appropriate District Office
State Lease - 1 Copies
Fee Lease - 3 Copies

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

98 NOV 23 PM 1:56 AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29744	*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7098	*Property Name HARTMAN COM	*Well Number 5A
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6047

10 Surface Location

UL or lot no. P	Section 23	Township 30N	Range 11W	Lot 10n	Feet from the 915	North/South line SOUTH	Feet from the 1185	East/West line EAST	County SAN JUAN
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres S/318.48	13 Unit 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

16	5208.72'	17 OPERATOR CERTIFICATION
2643.30'		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
1	2	Signature <i>Peggy Bradfield</i>
3	4	Printed Name Peggy Bradfield
		Title Regulatory Administrator
		Date 11-14-98
23		18 SURVEYOR CERTIFICATION
7	6	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.
NMSF-078138	NMSF-080113	Date of Survey JULY 13, 1998
2669.04'	2610.96'	Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857
FEE	8	Certificate Number 8823
5265.48'	915'	

November 16, 1998

OPERATIONS PLAN

Well Name: Hartman Com #5A
Location: 915' FSL, 1185' FEL, Sec 23, T-30-N, R-11-W
 San Juan County, NM
 Latitude 36° 47.6, Longitude 107° 57.3
Formation: Blanco Mesa Verde
Elevation: 6047'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1102'	
Ojo Alamo	1102'	1214'	aquifer
Kirtland	1214'	2106'	gas
Fruitland	2106'	2478'	gas
Pictured Cliffs	2478'	2626'	gas
Lewis	2626'	3233'	gas
Intermediate TD	2726'		
Huerfano Bentonite	3233'	3299'	
Chacra	3299'	4184'	gas
Massive Cliff House	4184'	4279'	salt
Menefee	4279'	4789'	gas
Massive Point Lookout	4789'		gas
TD	5190'		

Logging Program:

AIT/Dens/Temp - TD to Intermediate Casing
 GR/Neut - TD to surface

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 320'	Spud	8.4-8.9	40-50	no control
320-5190'	LSND	8.4-9.1	30-60	no control

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

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 320'	8 5/8"	24.0#	K-55
7 7/8"	0' - 5190'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 5190' 2 3/8" 4.7# J-55 EUE

BOP Specifications, Wellhead and Tests:Surface to 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.

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

BURLINGTON RESOURCES OIL & GAS COMPANY HARTMAN COM #5A

915' FSL & 1185' FEL, SECTION 23, T30N, R11W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

250' NEW BLM CONSTRUCTION
SE/SE SECTION 23, T30N, R11W

