UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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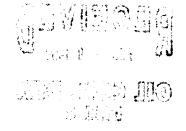
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 1a. Type of Work 5. Lease Number DRILL NM-93313 **Unit Reporting Number** 1b. Type of Well 6. If Indian, All. or Tribe GAS 2. DIST. 3 Operator 7. Unit Agreement Name Oil & Gas Company 3. Address & Phone No. of Operator 8. Farm or Lease Name PO Box 4289, Farmington, NM 87499 6804 Atlantic C 9. Well Number (505) 326-9700 6B 4. 10. Field, Pool, Wildcat Location of Well 380'FNL, 2190'FWL 72319 Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. (NMPM) Latitude 36° 50.9, Longitude 107° 55.4 Sec 6,T-30-N,R-10-W API # 30-045- 29529 14. Distance in Miles from Nearest Town 12. County 13. State 3 miles to Aztec NM San Juan 15. Distance from Proposed Location to Nearest Property or Lease Line 380' 16. Acres in Lease 17. Acres Assigned to Well 314.77 W/2 18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1400' This action is subject to technical and 19. Proposed Desthedural review pursuant to 43 CFR 3165.3 20. Rotary or Cable Tools 5301 and appeal pursuant to 43 CFR 3165.4. Rotary 21. Elevations (DF, FT, GR, Etc.) 22. Approx. Date Work will Start 6045'GR DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED 23. **Proposed Casing and Cementing Program** "GENERAL REQUIREMENTS" See Operations Plan attached 24. Authorized by Regulatory/Compliance Administrator FEB 95 1998 FEB 0 4 1998 APPROVAL DATE PERMIT NO. /S/ Durine W. Speneol DATE FEB - 4 1998 **APPROVED BY** TITLE

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 - NOS submitted 10-16-97

HOLD C-104 FOR NSTE



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O:strict I PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-1 Revised February 21, 19 Instructions on ba

District II PO Drawer OD. Artesia, NM 88211-0719

OIL CONSERVATION DIVISION State Lease - 4 Cop: PO Box 2088

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

Santa Fe, NM 87504-2088 PN 2:21

AMENDED REPOF

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

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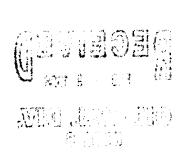
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OPERATIONS PLAN

Well Name: Atlantic C #6B

Location: 380'FNL, 2190'FWL Section 6, T-30-N, R-10-W

Rio Arriba County, New Mexico

Latitude 36° 50.9, Longitude 107° 55.4

Formation: Blanco Mesa Verde

Elevation: 6045 GL

Formation Tops:	<u>Top</u>	Bottom	Contents
Surface	San Jose	1332'	aquifer
Ojo Alamo	1332'	2212'	aquifer
Fruitland	2212'	2672′	
Pictured Cliffs	2672'	2827'	gas
Lewis	2827′	3382'	gas
Intermediate TD	2927′		_
Mesa Verde	3382′	3452'	gas
Chacra	3452'	4265'	
Massive Cliff House	4265'	4472'	gas
Menefee	4472'	4901'	gas
Massive Point Lookout	4901'		gas
Total Depth	5301'		-

Logging Program:

Cased hole logging - Gamma Ray Neutron Coring/DST - none

Mud Program:

Interval	<u>Type</u>	Weight	<u>Vis.</u>	Fluid Loss
0- 200'	Spud	8.4-9.0	40-50	no control
200-2927'	LSND	8.4-9.0	30-60	no control
2927-5301'	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>	Depth Interval	Csq.Size	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 2927'	7"	20.0#	J-55
6 1/4"	2827' - 5301'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 5301' 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.

