UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

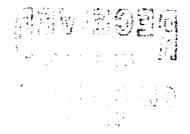
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 1a. Type of Work 5. Lease Number SF-07695(8) DRILL Unit Reporting Number $\sigma_{n_{i,j_{i}}}$ 1b. Type of Well 6. If Indian, All. or Tribe GAS 2. Operator 7. Unit Agreement Name भाजाः ३ Oil & Gas Company 3. Address & Phone No. of Operator 8. Farm or Lease Name PO Box 4289, Farmington, NM 87499 709/ Hare 9. Well Number (505) 326-9700 4. Location of Well 10. Field, Pool, Wildcat 1175'FNL, 1710'FWL 72319 Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. (NMPM) Latitude 36° 44.7, Longitude 107° 52.1 ec 10,T-29-N,R-10-W € API # 30-045-29527 14. Distance in Miles from Nearest Town 12. County 13. State 6 miles to Blanco SJ NM Distance from Proposed Location to Nearest Property or Lease Line 15. 1175 16. Acres in Lease 17. Acres Assigned to Well 318.64 W/2 18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1000' Proposed Depth's action is subject to technical and 19. 20. Rotary or Cable Tools procedural review pursuant to 43 CFR 3185.3 4800' Rotary and appeal pursuant to 43 CFR 3165.4. 21. Elevations (DF, FT, GR, Etc.) 22. Approx. Date Work will Start 5772'GR DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED 23. "GENERAL REQUIREMENTS" **Proposed Casing and Cementing Program** See Operations Plan attached 24. Authorized by: Regulatory/Compliance Administ APPROVAL DATE PERMIT NO. /S/ Duane W. Spencer **APPROVED BY** DATE FEB 1 0 1998 TITLE

Archaeological Report submitted

Threatened and Endangered Species Report submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

OK (E)



০ টা লাভ কাৰ্যক্ষিত হৈ তথা লাগৰে বিষয় কৰিছিল। বিষয় প্ৰকাশ কৰিছিল। তথা এই এইকৰ্ম কৰে প্ৰত বিষয় কৰিছিল।

Markey Control

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 EGENVEL PO Box 2088

Submit to Appropriate District Office Scale Lease - 4 Copies Fee Lease - 3 Copies

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

Santa Fe, NM 87504-2088

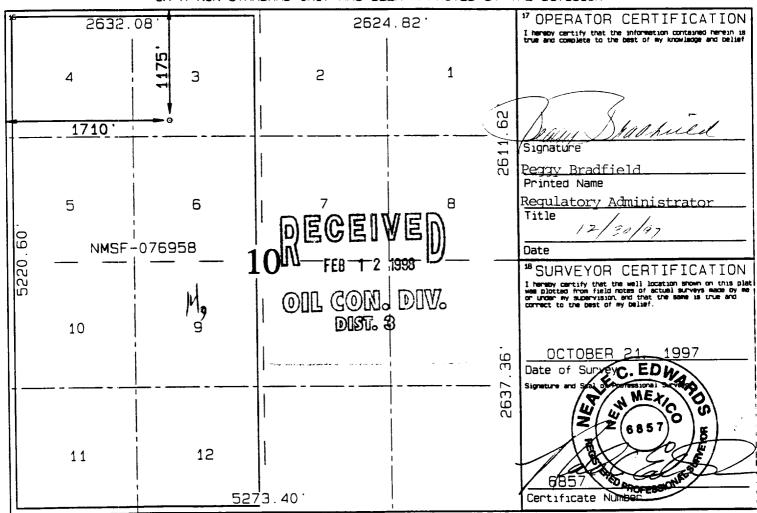
SS JAMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLATM

API Number				Pool Code		appol Name				
30-045-	29527		7231	.9	Blar	nco Mesaverde				
'Property Code			'	Property Name					*Well Number	
7091				HARE					MAN	
'OGRID No.				*Operator Name					*Elevation	
14538 B			BURLI	INGTON RESOURCES OIL & GAS COMPANY				5772		
					¹⁰ Surface	Location				
UL or lot no.	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/Wes	t line	County
С	10	29N	10W		1175	North	1710	Wes	st	SAN JUAN
		¹¹ B	ottom	Hole L	ocation I	f Different	From Surf	ace		
UL or lot no.	Section	Townensp	Range	Lpt Idn	Feet from the	North/South line	Feet from the	East/Wes	t line	County
Dedicated Acres		¹³ Joint or Inf	ill ^M Cone	aolidation Code	¹⁵ Order No.					
		ILL BE A	SSIGNE	D TO TH	IS COMPLETI	ON UNTIL ALL	INTERESTS H	HAVE BE	EN COI	NSOLIDATED

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



OPERATIONS PLAN

Well Name: Hare #18A

Location: 1175'FNL, 1710'FWL Section 10, T-29-N, R-10-W

San Juan County, New Mexico

Latitude 36^o 44.7, Longitude 107^o 52.1

Formation: Blanco Mesa Verde

Elevation: 5772'GL

Formation Tops:	Top	Bottom	<u>Contents</u>
Surface	San Jose	1023'	aquifer
Ojo Alamo	1023'	1101'	aquifer
Kirtland	1101'	1901'	_
Fruitland	1901'	2181'	
Pictured Cliffs	2181'	2352'	gas
Lewis	2352'	2787′	gas
Intermediate TD	2452'		
Huerfanito Bentonite	278 7′	2830'	
Chacra	2830'	3822'	
Massive Cliff House	3822'	3935′	gas
Menefee	3935'	4488'	gas
Massive Point Lookout	4488'	4543'	gas
Lower Point Lookout	4543'		
Total Depth	4800'		

Logging Program:

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

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	Fluid Loss
0- 200'	Spud	8.4-9.0	40-50	no control
200-2452'	LSND	8.4-9.0	30-60	no control
2452-4800'	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>Csq.Size</u>	Wt.	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 2452'	7"	20.0#	J-55
6 1/4"	2352' - 4800'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 4800' 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.

