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burrace use and operating Plan			Surface U	lse ar	nd Opera	atin	g Plan				F		
Exhibit "A" Equipment Description			Exhibit "	A" Ec	Juipment	t De	script	ion					
Exhibit "B" Planned Access Roads			Exhibit "	B" Pl	anned A	Acce	ss Roa	da					
Exhibit "C" One Mile Radius Map			Exhibit "	C" On	e Mile	Rad	ius Ma	Ø			<u>u</u>		
Exhibit "D" Drilling Rig Layout Plan			Exhibit "	D" Dr	illing	Ria	Lavou	t Plan	n				

preventer program, if any.						
24. RIGNED Carol J. Darcia	TITLE Production Supervisor	DATE 3/31/93				
(This spuce for Federal or State office use)						
PERMIT NO.						
(ORIG. SGD.) RICHARD L. MANUS	AREA MANAGER	4/2.102				
APPROVED BY	TITLE	_ DATH <u>730/4</u>				
GENERAL REQUIREMENTS AND						
SPECIAL STIPULATIONS						
ATTACHED *See I	nstructions On Reverse Side					

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or a one of the

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OCD HOBSS OFFICE

Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator					Lease			<u></u>	Well No.	
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								<u>Strata Pr</u>	oduction	Company
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HOLE PROGNOSIS APPLICATION FOR PERMIT TO DRILL STRATA PRODUCTION COMPANY COLIBRI FEDERAL #1 WELL 990' FSL & 330' FEL SECTION 10-23S-32E LEA COUNTY, NM

In conjunction with form 3160-3, Application for Permit to Drill, Strata Production Company submits the following items in accordance with Onshore Oil and Gas Order Numbers 1 and 2, and all other applicable federal and state regulations.

1. <u>Geologic Name of Surface Formation</u>:

Permian

2. Estimated Tops of Geologic Markers:

Rustler	1200'	Lamar	4930'
Top of Salt	1300'	Bone Spring	8790 <i>'</i>
Base of Salt	35251	T.D.	9000'

3. Estimated Depths of Anticipated Fresh Water, Oil or Gas:

Surface	150'	Fresh Water
Delaware	4930' - 8790'	Oil or Gas

No other formations are expected to produce oil, gas or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 13 3/8" casing at 600' and circulating cement back to surface. Any shallower zones above TD which contain commercial quantities of oil and/or gas will have cement circulated across the zone by inserting a cementing stage tool into the 5 1/2" production casing which will be run at TD.

4. <u>Casing Program</u>:

<u>Hole Size</u>	<u>Interval</u>	<u>OD csq</u>	Weight, Grade, Jt. Cond, Type
17 1/2"	0-600'	13 3/8"	48#, H-40, ST&C, New
11"	0-4700'	8 5/8"	24# & 28#, J-55, ST&C, New
7 7/8"	0-TD	5 1/2"	17#, J-55, LT&C, New



The closing menifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control handles indicating open and closed positions A pressure reducer and regulator must be provided for operating the Hydrill preventer. When requested, a second pressure reducer shall be available to limit Excreting fluid pressures to ram preventer. Culf Legion No. 38 hydroulic oil, an equivalent or better, is to be used as the fluid to preact the hydroulic equipment.

The choice manifold, choice flow line, relief line, and choice lines are to be supported by metal stands and adequately anchored. The choice flow line, relief line, and choice lines shall be constructed as straight as possible and without sharp bends. Easy and safe access is to be maintained to the choice manifold. If decmed necessary, walkways and stairways shall be created in and around the choice manifold. All volves are to be selected for operation in the presence of all, gas, and chilling fluids. The choice flow line valves and relief line valves connected to the drilling spool and all ram type proventers must be equipped with stem extensions, universal joints if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves are to be equipped with hendles.

* To include derrick floor mounted controls.