District I

PO Box 1980, Hobbs, NM 88241-1980

District II

811 S. First Street, Artesia, NM 88210

District III

1000 Rio Brazos Rd, Aztec, NM 87410

District IV

State of New Mexico

Energy, Minerals & Natural Resources Department

Revised February 10, 1994

Form C-101

Instructions On Back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

OIL CONSERVATION DIVISION 2040 South Pacheco

Santa Fe, NM 87504-2088

2040 South Pacheco, Santa Fe, NM 87505			(a) EOEMAR AMENDED REPO						
APPLICA	TION FO	R PERMI	T TO DRII	LL. RE-	-ENTER, DI	EEPEN. PLI	JGBACK.	ADD	A ZONE
74 7 2.074			1 Operator Name					2 OGRID N	
			Strata Pro	duction	Company	JUL	1 4 1997	021712	
			P. O. Box	1030				3 API Number	
			Roswell, N	lew Me	xico 88202-	10301		nn30-015	_
	4 Property Cod	e	,						6 Well No.
	010735				Nash Unit	D	IST. 2		#16
7 Surface Location									
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Р	12	238	29E		330	South	990	East	Eddy
		8 Pr	oposed Botto	om Hole	Location If Dif	ferent From Si	rface		
UL or Lot No.	Section	Township	Range	Lot Ind	Feet from the	North/South Line	Feet from the	East/West Line	County
						1/	/ ,		
		9 Proposed Pool	1			11/09	10 Proposed Pool	2	
Brushy Canyon (/১)									
		·	-	1		h/2			
11 Work Type Code 12 Well Type Code 13 Cable/Rotary 14 Lease Type Code 15 Grou					15 Ground Lev	Ground Level Elevation			
N C		, \		R ~ N	/ s	/ s		2998'	
16 Multiple 17 Propos		ed Depth 18 F		ormation	19 Contractor		20 Spud Date		
N 73		00' Det		laware Lakota D		lling Co.	September 1, 1997		
			21 Proposed	l Casing	and Cement Pro	ogram			
Hole Size	Cas	ing Size	Casing weig	Casing weight/foot		Sacks of Cement		Estimated TOC	
17 1/2"	13 3/8"		48#		300'	425		Surface	
11"	8 5/8"		32#		3000'	950		Surface	
7 7/8"			17#		7300'	1130		2700'	
16	111-	P							

22. Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Strata Production Company proposes to drill to a depth sufficient to test the Delaware formation. If productive, 5 1/2" casing will be set. If non-productive, the well will be plugged and abandoned in a manner consistent with State of New Mexico Regulations. Specific programs are outlined as follows:

> Form C-102 Well Location and Acreage Dedication Plat Exhibit "A" Equipment Description

The Application for Permit to Drill for the proposed location was originally filed May 6, 1993 and approved June 21, 1994.

23 I hereby certify that the information given above is true and complete to the best	OIL CONSERVATION DIVISION			
of my knowledge and belief. Signature: Arol J. Sarcia	Approved By:			
Printed name: Carol J. Gareia	Title:			
Title: Production Records Manager	Approval Date: Expiration Date:			
Date: Phone: 505-622-1127	Conditions of Approval:			
1/11/31 303-022-1121	Attached			

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

State of New Mexico L 3y, Minerals and Natural Resources Departme

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

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

<u>DISTRICT I</u> P.O. Box 1980, Hobbs, NM 88240

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator				Lease			Ì	Well No.
-	PRODUCTION	NASH UNIT				16		
Jnit Letter	Section Section	Range			County			
P	12	Township 23	SOUTH	29 EAS	ST	NMPM	EDDY	COUNTY, NM
Actual Footage Locat				1				
200		AST	line and	330		feet from t	he SOUT	
fround level Elev.		g Formation		Pool			1	Dedicated Acreage:
2998. DELAWARE				NASH DR				40.00 Acres
2. If more	than one lease is dec	licated to the wel	il, outline each and	cil or hachure mark	hip thereof (both a	s to workin		
unitizati If answer i	on, force-pooling, et Yes s "no" list the owner	c.? No If and tract descri	answer is "yes" ty ptions which have	e well, have the inter pe of consolidation actually been conso een consolidated (by	lidated. (Use reve	erse side of		
or until a r	on-standard unit, eli	minating such in	terest, has been ap	proved by the Divisi	on.			
						5 P (P F C C C C C C C C C C C C C C C C C C	I hereby contained hereivest of my knowless of my k	on Supervisor roduction Company 1997 OR CERTIFICATION
						3	on this plat w actual surveys nupervison, an	1, 1992 Sal BrE D A
		1980 2310		000 1500	990' 1000 500		Convican No.	STATE OF THE STATE

EXHIBIT "A"

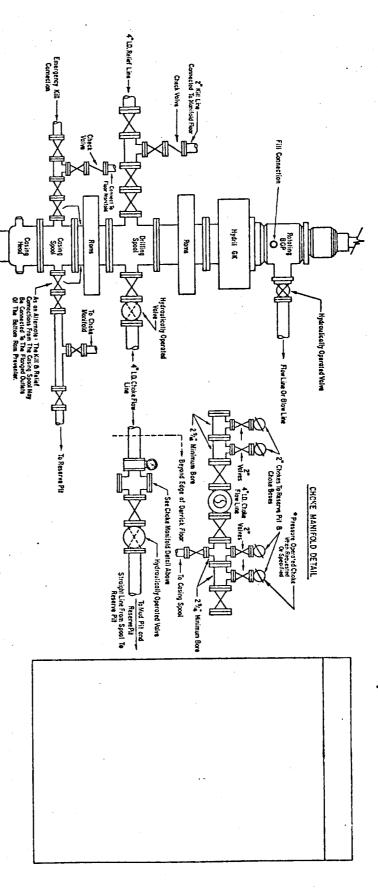
EQUIPMENT DESCRIPTION

All equipment should be at least 3,000 psi WP or higher unless otherwise specified.

- 1. Bell nipple
- 2. Hydril bag type preventer
- 3. Ram type pressure operated blowout preventer with blind rams.
- 4. Flanged spool with one 3"and one 2"(minimum) outlet.
- 5. 2"(minimum) flanged plug or gate valve.
- 6. 2"x 2"x 2"(minimum) flanged.
- 7. 3"gate valve.
- 8. Ram type pressure operated blowout preventer with pipe rams.
- 9. Flanged type casing head with one side outlet.
- 10. 2" threaded (or flanged) plug or gate valve. Flanged on 5000# WP, threaded on 3000# WP or less.
- 11. 3" flanged spacer spool.
- 12. 3"x 2"x 2"x 2" flanged cross.
- 13. 2" flanged plug or gate valve.
- 14. 2" flanged adjustable choke.
- 15. 2" threaded flange.
- 16. 2" XXH nipple.
- 17. 2" forged steel 90'Ell.
- 18. Cameron (or equal) threaded pressure gauge.
- 19. Threaded flange.
- 20. 2" flanged tee.
- 21. 2" flanged plug or gate valve.
- 22. 2 1/2" pipe, 300' to pit, anchored.
- 23. 2 1/2" SE valve.
- 24. 2 1/2" line to steel pit or separator.

NOTES:

- 1). Items 3,4 and 8 may be replaced with double ram type preventer with side outlets between the rams.
- 2). The two valves next tho the stack on the fill and kill line to be closed unless drill string is being pulled.
- 3). Kill line is for emergency use only. This connection shall not be used for filling.
- 4). Replacement pipe rams and blind rams shall be on location at all times.
- 5). Only type U, LSW and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
- 6). Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.



BLOWOUT PREVENTER HOOK-UP 3000 PSI WORKING PRESSURE

of drill pipe. Casing and tubing rams to fit the preventers are to be available as needed. If correct in size, the and connections, as illustrated. If a tapered drill string is used, a rom preventer must be provided for each size flanged outlets of the ram preventer may be used for connecting to the 4-inch I.D. choke flow line and 4-inch The blowout preventer assembly shall consist of one single type blind ram proventer and one single type pipe ram preventer, both hydraulically operated; a Hydril "GK" preventer; a rotating blowout praventer; volves, chokes 1.D. relief line, except when air or gas drilling. All preventer connections are to be open-face flanged.

Minimum operating equipment for the preventers and hydraulically operated valves shall be as follows: (1) Multiple

the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid valume at least _______percent of the original. (3) When requested, an additional source of power, remate and equivolent, is to be available to operate the above pumps; or there shall be additional pumps operated by separate power and equal in performance capabilities. pumps, driven by a continuous source of power, capable of fluid charging the total accumulator volume from the nitrogen precharge pressure to its rated pressure within minutes. Also, the pumps are to be connected to the hydraulic operating system which is to be a closed system. (2) Accumulators with a precharge of nitrogen of not less than 750 PSI and connected so as to receive the aforementioned fluid charge. With the charging pumps shut down, the pressurized fluid volume stored in the accumulators must be sufficient to close all the pressure-operated devices simultaneously within seconds; after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least percent of the original. (3) When requested, an additional source of the remaining accumulator fluid volume at least percent of the original.

The closing monifold 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 pressive reducer and regulator must be provided for operating the Hydril preventer. When required, a second pressure reducer shall be available to limit operating fluid pressures to rom preventers. Gulf Legion No. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

as straight as possible and without sharp bands. Easy and safe access is to be maintained to the choke manifold. If decemd necessary, walkways and stainways shall be accested in and around the choke manifold. All valves are to be selected for operation in the presence of oil, gas, and drilling fluids. The choke flow line valves and tellef line valves connected to the drilling spool and oil ram type preventers must be equipped with stam 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 The choke manifold, choke flow line, relief line, and choke lines are to be supported by matal stands and adequately anchored. The choke flow line, relief line, and choke lines shall be constructed

* To include derrick floor mounted controls.