Form 3160-3 (July 1992)

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tim. Oil cord. Commission P.O. EQX 1000

HOBBS, NEW PENICO SEATES

SUBMIT IN TRIPLICATE® (Other instructions on reverse side)

FORM APPROVED OMB NO. 1004-0136 Expires: February 28, 1995

DEPARTMENT OF THE INTERIOR

5. LEASE DESIGNATION AND SERIAL NO.

ADDI			LAND MANA(<i></i>	•				M //064	
APPLICATION FOR PERMIT TO DRILL OR DEEPEN						6. IF INDIAN, ALLOTTER OR TRIBE NAME				
TYPE OF WORK			DEEPEN					7. UNIT	AGREMENT N	AMB
TYPE OF WELL	ILL &		DLLI LIN							
	VELL OTE	ier			NE X	MULTIP ZONE		8. FARM	OR LEASE NAME, WEL	L NO.
NAME OF OPERATOR								Mesa	<u>Verde 6 F</u>	ederal #3
ron Oil & Ga								9. API W	BLL NO.	
DORESS AND TELEPHONE NO.								10 PIRI	D'AND ROOL, O	R WILDCAT
O. Box 2267	Midland,	Texas	79702	th anv 8	tate requirem	nents.*)		-1 20	110100	†
LOCATION OF WELL (Report location clearly and in accordance with any fat surface 30' FSL & 1980' FEL								11. SEC	., T., R., M., OR I	
				67:				AND	SURVEY OR AR	BA.
At proposed prod. so: 30° FSL & 198			Unit	27				Sec 6	, T24S, R	.32E
DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE®							NTY OR PARISH			
omiles SE of	Carlsbad						. <u> </u>	<u> </u>	Lea	NM
DISTANCE FROM PROP LOCATION TO NEARES	1 TT			16. No	. OF ACRES I	IN LEASE		OF ACRES ASSIGNED THIS WELL		
PROPERTY OR LEASE (Also to nearest dri	LINE, FT. 330 ig. unit line, if any.	330			640				40	
DISTANCE FROM PROTO NEAREST WELL.	DRILLING, COMPLETE	D,		19. гк	OPOSED DEPT	н	20. ROT	ARY OR CA	BLE TOOLS	
OR APPLIED FOR, ON TE	HIS LEASE, PT. 12	80'		<u> </u>	8750		R	otary	PROT DATE WO	RE WILL START*
ELEVATIONS (Show wh		etc.)								
3557.8' GR	<u> </u>	<u>-</u>						A	pril 11.	1994
_		1	PROPOSED CAS	ING AND	CEMENTIN	G PROGRA	м			
SIZE OF HOLE	GRADE, SIZE OF CAS	RNG	WEIGHT PER F	POOT	SETTING		. 		NTITY OF CEME	
4-3/4	11-3/4 H-4				600				RCULATED RCULATED	
1 7 -17 /8	8-5/8 J-5 5-1/2 J-5				4600		123	SX UI	KUULAIED	
•	PER. OGRID NO		c 17#	-	8750		350	SX T	OC est at	3500'
OF PF PC EF AF	PER. OGRID NO. ROPERTY NO. DOL CODE GO FF. DATE GO PI NO. 30	0. /3 /6. /2 /4-2 /2. /2.2	7377 210 30 7.94 5-325	a, give data	a on present pr	oductive zone	Carlsbad,	BUE NICE NO PROCESSION AND PROCESSIO	EAU OF THE STATE O	
OF PF PC EF	PER. OGRID NO. ROPERTY NO. DOL CODE GO FF. DATE GO PI NO. 30	0. /3 /6. /2 /4-2 /2. /2.2	7377 210 30 7.94 5-325	, give data	a on present pr	oductive zone blowout preve	Carlsbad,	BUE NICE NO PROCESSION AND PROCESSIO	EAU OF THE STATE O	
OF PF PC EF AF creage is dec	PER. OGRID NO. ROPERTY NO. DOL CODE	pipe RAM: If present the control of	7377 210 30 7.94 5-325	True Vertic	a on present pro al depths. Give	e blowout preve	Carlsback	MAA	EAU OF THE STATE O	roposal is to drill or
OF PF PC EF AF creage is ded above space descripen directionally, give per	PER. OGRID NO. ROPERTY NO. DOL CODE	pipe RAM: If pool location Betty	7377 210 30 7.94 5-325 eline.	True Vertic	a on present pro al depths. Give	e blowout preve	Carlsback	BUR NIC	LAU () FOR A STATE 3 MO/S	roposal is to drill or
Creage is dec	PER. OGRID NO ROPERTY NO. DOL CODE GOVERNO GOV	pipe RAM: If (x) location (Betty)	210 30 7.94 5-325 eline. proposal is to deepen and measured and	TLE	a on present pro al depths. Give Regulato	ry Anal	and proposenter program	BUF NICE NICE A G	LAU (I) PROVAL SE	roposal is to drill or 4 BJECT TO WIREMENTS
Creage is dec	PER. OGRID NO. ROPERTY NO. DOL CODE F. DATE PI NO. BE PROPOSED PROGramment data on subsurface Veral or State office	pipe RAM: If (x) location (Betty)	210 30 7.94 5-325 eline. proposal is to deepen and measured and	TLE	a on present pro al depths. Give Regulato	ry Anal	and proposenter program	BUF NICE NICE A G	LAU (I) PROVAL SE	roposal is to drill or

*See Instructions On Reverse Side and the second second second department or agency of the Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

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

OIL CONSERVATION DIVISION

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

DISTRICT II P.O. Drawer DD, Artesia, NM 88210 Santa Fe, New Mexico 87504-2088

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

								
Operator ENRON OIL & GAS CO.		& GAS CO.	Lease	MESA VERDE "	6" FEDER	DERAL Well No.		
Unit Letter	Section	Township	Range			County		
0	6	24 SOUTH		32 EAST	NMPM.		_EA	
	ocation of Well:	2. 3331.		32 3.01	:418,1 84	1,		
330 ,	eet from the Si	OUTH line and	1980)	feet from	the EAS	ST line	
Ground Level El	ev. Producing I	Formation	Pool	11.15			Dedicated Acreage:	
3557.8	Bone S	pring/Delaware	.Und.	Ul acco	5 1.		40 Acres	
1. Outline the	acreage dedicated t	to the subject well by colored	pencil or ha	chure marks on th	e plat below			
	<u> </u>		•		•			
2. If more tha	n one lease is dedi	icated to the well, outline ea	ch and identi	fy the ownership th	hereof (both	as to work	ing interest and royalty).	
3. If more tha	in one lease of diff	erent ownership is dedicated	to the well.	have the interest of	of all owners	been cons	olidated by communitization,	
	force-pooling, etc						·	
Yes Yes	☐ No	If answer is "yes" type	of consolida	tion				
If answer is	no" list of owners	and tract descriptions which	have actuall	y been consolidate	d. (Use reve	erse side of		
this form nece				·				
		to the well unit all intere lard unit, eliminating such			-		unitization, forced-pooling,	
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L				<u> </u>		Signature		
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DRILLING PROGRAM

Enron Oil & Gas Company
Mesa Verde 6 Federal No. 3
330' FSL & 1980' FEL
Sec. 6, T24S, R32E
Lea County, New Mexico

1. Geologic Name of Surface Formation:

Permian

2. Estmated Tops of Inportant Geologic Markers:

Rustler	930'
Delaware	4600'
Bell Canyon	4580'
Cherry Canyon	5650'
Bone Spring	8500'

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

Delaware 4600' Water & Oil

No other formations are expected to give up oil, gas or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 11-3/4" casing at 600' and circulating cement back to surface, and 8-5/8" casing will be set at 4600' with cement circulating back to surface.

Enron Oil & Gas Company
Mesa Verde 6 Federal No. 3
330' FSL & 1980' FEL
Sec. 6, T24S, R32E
Lea County, New Mexico

4. Casing Program:

<u> Hole Size</u>	<u>Interval</u>	OD_csq	Weight Grade Jt. Cond. Type
14-3/4	0- 60 0'	11-3/4	42# H-40 A ST&C
11	0- 4600'	8-5/8	32# J-55 LT&C
7-7/8	0- 8750'	5-1/2	17# J-55 LT&C

Cementing Program:

11-3/4" Surface casing: Cement to surface with 275 sx of Class C

+ 2% CaCl2 + 1/4#/sx flocele.

8-5/8" Intermediate: Cement to surface with 425 sx of Premium Plus

lite + 15#/sx salt + 1/4#/sx Flocele and 300 sx

Cl C + 2% CaCl2

5-1/2" Prod casing: Cement with 350 sx 50/50 Cl H/Poz + 0.8% Halad 9

+ 1/4#/sx Flocele. This cement slurry is designed

to bring TOC to 3500'.

5. Minimum Specifications for Pressure Control:

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram-type (3000 psi WP) preventer and an annular preventer (3000 psi WP). Units will be hydraulically operated and the ram-type will be equipped with blind rams on top and drill pipe rams on bottom. All will be installed on the 11-3/4" surface casing and used continuously until TD is reached. All BOP's and accessory equipment will be tested to 1000 psi before drilling out of surface casing. Before drilling out of intermediate casing, the ram-type BOP and accessory equipment will be tested to 3000 psi and the annular to 70% of rated working pressure (2100 psi).

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. A 2" kill line and 4" choke line will be included in the drilling spool located below the ram-type BOP. Other accessories to the BOP equipment will include a kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold with 3000 psi WP rating.

ATTACHMENT

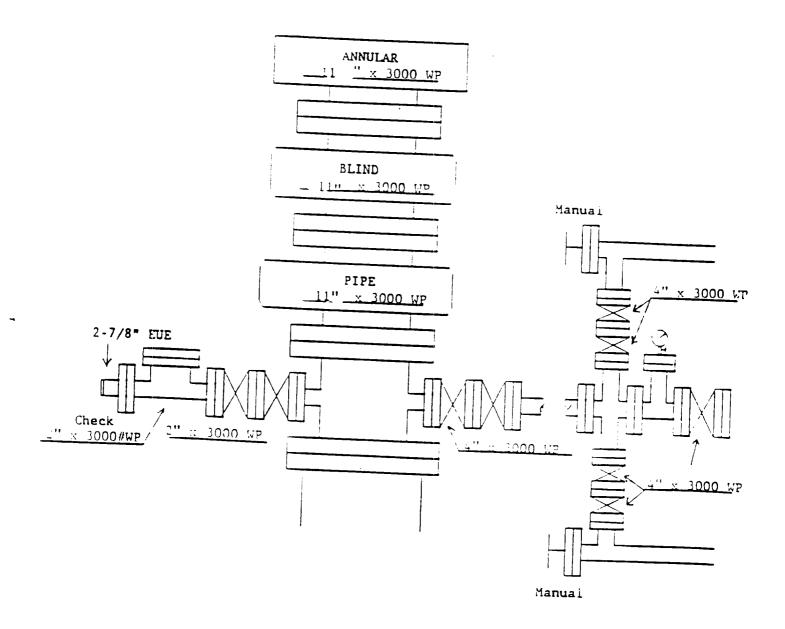


EXHIBIT #1