Form 3160-3 (November 1983) formerty 9-331C)

N.M. OIL CONS. COMMISSION

P.O. X 1980

SUBMIT IN TRIPLIGHE HORREDNEW MEXICO 88240 her instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

DEPARTMENT OF THE INTERIOR

5. LEASE DESIGNATION AND SERIAL NO.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK							NM 77064			
APPLICATION	FOR PERMIT	TO DRILL, I	DEEPE	N, OR P	LUG BA	CK	6. IF IND	IAN. ALLOTTI	S OR TRIBE	IAMB
a. TTPE OF WORK DRIL						_	7. HWPP	GREEMENT	V	
b. TIPE OF WELL	- -	DEEPEN		PL	UG BACK	Ц	1. 0.11	CELEMENT	MAMB	
OIL GAB			SING		MULTIPLE		8. FARM	OR LEASE MA	WB.	
. NAME OF OPERATOR			ZUNI	<u> </u>	ZONE		_:		" Feder	a 1
Enron Oil &	Gas Company						9. WELL		- reuer	<u>a 1</u>
. ADDRESS OF OPERATOR				 -	-		1			
P. U. Box 2	<u>267, Midland,</u>	Tx 79702					10. FIELD	AND POOL,	OR WILDCAT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface							Wildca	atLower	Brushy De lawa	can
330' FSL &	330' FEL						11. SEC.,	T., R., M., OR	BLE.	
At proposed prod. zone	2221 55	1 . 67								
330 FSL &	JJU' FE	AREST TOWN OR DOS					Sec 6	T24S,	R32E	
	st of Jal, NM		r OFFICE-				1		13. STATE	8
D. DISTANCE PROM PROPUS	SC UI Jai, NM		16 NO	OF ACRES IN	I TARR 1	1 VO	Lea		<u> </u>	
LOCATION TO NEAREST PROPERTY OR LEASE LIN	330 E. FT.		10				HIS WELL	SIGNED		
(Also to nearest drig.	ED LOCATIONS	330'	19 8405	640		00.00	ART OR CABLE TOOLS			
TO NEAREST WELL, DRI	LLING, COMPLETED.	333'		550	•			E TOOLS		
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3571.8' GR									9/1/93	
3.		PROPOSED CASI	NG AND C	FUENTING	PROGRAM		_'	DCTOTE	3/1/33	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER P		SETTING D			OUANS	ITT OF CEMI		
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11"	8-5/8	32# J-55 L		4150				JLATED	KCOFVIE	<u></u>
7-5/8"	5-1/2	17# J-55 L		8550		350 s		TOC at	3500'.	
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FEDERAL LEAS	E EXPIRES ON	9/01/93								£1
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Be		TIT	LE		<i>y</i> , 1110.1 y		DA	rs		
This space for Federal	or State office use)									
PERMIT NO.	1.			PROVAL DATE	·					
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CONDITIONS OF APPROVAL.	or roug	TIT	LE AH	EN MA	10051		DA1			

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All Distances must be from the outer boundaries of the section

This Letter Section Towaship Reage County County LEA Po										
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Actual Postage Locations of Well: 3.30 feet from the SOUTH line and SOUTH line a		1500		· ·	SOUTH		32 FAST	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		ι F Δ
330 for trop the SOUTH line and 330 feet from the EAST line Council level like. Producing Formation Pool Dedicated Acrosses: 3571.8 Ower Brushy Canyon-Delaware Wildcat 40 Acres 40 Acres	•	cation	-		300111	1	52 LAST	NMPM	J	ELA
Ground Level Eve. Producing Formation Producing Stration Producing Formation Producing Stration Acres 3571.8 Ower Brushy Canyon-Delaware Wildcat 40 Acres 40 Acres 1. Outline the acreage dedicated to the subject will by colored panell or hachave marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 4. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 4. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 5. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 5. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 6. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 7. If more than one	770		50	NITU		770			EVC-	Г
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Yes										
If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary. No sillowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division. OPERATOR CERTIFICATION I hereby certify the the information contained harm is true and complete to the best of my knowledge and belief. Fignature Phinted Name Betty Gildon Position Regulatory Analyst Company Erron Oil & Gas Company Date 7/21/93 SURVEYOR CERTIFICATION I hereby certify that the well incontain shown of the plat was plotted from field notes of actual serveys made by me or under my experience, and that the same is from our under my experience, and that the same is from our under my experience and that the same is from our under my experience and that the same is from our under my experience and that the same is from our under my experience and that the same is from our under my experience and that the same is from our under my experience and that the same is from our under my experience and that the same is from our under my experience and that the same is from our under my experience and that the same is from our under my experience and that the same is from our under my experience and that the same is from our under my experience and that the same is from our under my experience and that the same is from our under my experience and that the same is from our under my experience and the same is from our under my experience and the same is from our under my through the same is from our under my through the well location shown to be a same and the same and the same is from the same and the s	_		_		is "yes" type	of consolidat	lon			
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DRILLING PROGRAM

Enron Oil & Gas Company
Mesa Verde 6 Federal No. 1
330' FSL & 330' 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	4530'
Bell Canyon	4580'
Cherry Canyon	5650'
Bone Spring	8400'

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

Delaware 4580' 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 4150' with cement circulating back to surface.

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330' FSL & 330' FEL
Sec. 6, T24S, R32E
Lea County, New Mexico

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

<u> Hole Size</u>	<u>Interval</u>	<u>OD csq</u>	Weight Grade Jt. Cond. Type
14-3/4	0- 600'	11-3/4	42# H-40 A ST&C
11	0- 4150'	8-5/8	32# J-55 LT&C
7-5/8	0- 8550'	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

C1 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 2valve (inside BOP) and choke lines and choke manifold with 3000 psi WP rating.

ENRON OIL & GAS COMPANY

EXHIBIT 1

ATTACHMENT

