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Appropriate District Office
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P.O. Box 1980, Hobbs, NM 88240

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Enron Oil & Gas Company		Well API No. 30 025 31638
Address P. O. Box 2277, Midland, Texas 79702		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>

If change of operator give name
and address of previous operator

THIS WELL HAS BEEN PLACED IN THE POOL
DESIGNATED BELOW. IF YOU DO NOT CONCUR
NOTIFY THIS OFFICE.

II. DESCRIPTION OF WELL AND LEASE

Lease Name Diamond 7 Federal Com.	Well No. 1	Pool Name, Including Formation Pitchfork Ranch (Morrow)	Kind of Lease (Fed) State, Federal or Fee	Lease No. NM 14497-A
Location Unit Letter B : 660 Feet From The north Line and 1980 Feet From The east Line Section 7 Township 25S Range 34E , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) Box 1188, Houston, Texas 77251					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) Box 2267, Midland, Texas 79702					
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 7	Twp. 25S	Rge. 34E	Is gas actually connected? Yes	When? 10/16/92

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
		X	X					
Date Spudded 7-18-92	Date Compl. Ready to Prod. 10-9-92		Total Depth 15,623'		P.B.T.D. 15,566'			
Elevations (DF, RKB, RT, GR, etc.) 3433.2' GR	Name of Producing Formation Morrow		Top Oil/Gas Pay 15,539'		Tubing Depth 15,621'			
Perforations 15,539'-15,545' (Morrow)					Depth Casing Shoe 13,300'			

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
20	16	664	730 Class C
14-3/4	10-3/4	5235	3500 Class C
9-1/2	7-3/4 & 7-5/8	13300	1800 Class H
6-1/2	3-1/2" tubing	15621	400 Class H

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF

GAS WELL

Actual Prod. Test - MCF/D 4028	Length of Test 24	Bbls. Condensate/MMCF 16	Gravity of Condensate 54.0
Testing Method (pilot, back pr.) Back Pressure	Tubing Pressure (Shut-in) 5100	Casing Pressure (Shut-in) 600	Choke Size DI

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation
Division have been complied with and that the information given above
is true and complete to the best of my knowledge and belief.

Signature
Betty Gildon, Regulatory Analyst
Printed Name
10/19/92
Date
915/686-3714
Telephone No.

OIL CONSERVATION DIVISION

Date Approved OCT 29 '92
By ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR
Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

WELL NAME & NUMBER Diamond "7" Fed. Com. #1

LOCATION Sec. 7, T25S, R34E Lea Co., NM 6660/V d 1980/E
 (Give Unit, Section, Township and Range)

OPERATOR Enron Oil & Gas P.O. Box 2267 Midland, TX 79702

DRILLING CONTRACTOR Grace Drilling Company P.O. Box 13480 Odessa, TX 79768

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH
225 .75	3636 2.25	6200 1.00	11590 1.50
664 1.50	3694 2.00	6613 .25	12034 1.25
1017 1.00	3778 1.75	7077 1.00	12361 .50
1245 1.00	3820 1.00	7517 1.50	12816 1.75
1724 .50	3912 1.00	7955 .50	14000 1.75
2214 .50	4037 1.00	8361 1.00	
2712 1.75	4288 .25	8777 1.00	
3030 3.00	4434 .75	9248 .75	
3112 2.75	4534 .50	9722 2.75	
3174 2.50	4785 1.50	9832 2.25	
3267 2.25	4941 1.50	9915 1.75	
3360 2.25	5062 1.25	10296 1.25	
3454 2.25	5238 1.25	10749 1.75	
3555 2.50	5619 2.50	11150 2.50	
3632 2.75	5834 1.25	11305 2.00	

Drilling Contractor Grace Drilling Company

By L. V. Bohannon

L. V. Bohannon - Drlg. Supt.

Subscribed and sworn to before me this 15 day of October, 19 92

Sherry Cooksey
Notary Public

My Commission Expires 5/26/96

Ector County TX

