

Submit 5 Copies  
Appropriate District Office  
DISTRICT I  
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

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 Grace Petroleum Corporation	Well API No. 30-025-31138
Address 6501 N. Broadway, Oklahoma City, OK 73116	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input checked="" 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	

II. DESCRIPTION OF WELL AND LEASE

Lease Name Smith Ranch Federal	Well No. 2	Pool Name, including Formation Teas-Bone Springs	Kind of Lease State, Federal or Fee	Lease No. NM-17238
Location Unit Letter <u>C</u> : <u>660</u> Feet From The <u>North</u> Line and <u>1980</u> Feet From The <u>West</u> Line Section <u>11</u> Township <u>20S</u> Range <u>33E</u> , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> (New) Texas-New Mexico Pipeline (8-1-91)	Address (Give address to which approved copy of this form is to be sent) P. O. Box 2528, Hobbs, NM 88241					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> (Same) Phillips 66 Natural Gas	Address (Give address to which approved copy of this form is to be sent) 1625 W. Morland					
If well produces oil or liquids, give location of tanks.	Unit C	Sec. 11	Twp. 20S	Rge. 33E	Is gas actually connected? Yes	When? June 1991

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 x	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v x	Diff Res'v
Date Spudded @ 7:00 PM 1/26/91	Date Compl. Ready to Prod. March 12, 1991		Total Depth 9750'		P.B.T.D. 9720'			
Elevations (DF, RKB, RT, GR, etc.) 3581.4 GR	Name of Producing Formation Bone Springs		Top Oil/Gas Pay 9386-9442' (2 SPF)		Tubing Depth Packer @ 9191'			
Perforations 9386-9442' (2 SPF)					Depth Casing Shoe			

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17-1/2	csg 13-3/8"	438'	800 sxs-cmt to surf.
12-1/4	" 8-5/8" 28&32#	5279'	4400 sxs-2 stages to surf.
7-7/8	" 5-1/2" 17&20#	9745'	1440 sxs
-	tbg 2-7/8" 6.5# N-80	9349'	Packer @ 9191

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	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

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.

Marvin T. Jordan  
Signature  
Marvin T. Jordan - Operations Superintendent  
Printed Name  
July 26, 1991 (405) 840-6624  
Date Telephone No.

OIL CONSERVATION DIVISION

10 6 1991  
Date Approved  
By Paul Kautz  
Geologist  
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.

RECEIVED  
AUG 01 1951  
U.S. AIR FORCE  
HONOLULU, HAWAII