

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

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

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

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

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) Approval to flare casinghead gas from this well must be obtained from the BUREAU OF LAND MANAGEMENT (BLM)		
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		

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 C : 660 Feet From The North Line and 1980 Feet From The West Line Section 11 Township 20 South Range 33 East, NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil (new) Sun Refining & Marketing <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) 2415 E. Hwy 80, Midland, TX 79701					
Name of Authorized Transporter of Casinghead Gas (new) Phillips 66 Natural Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	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? No	When ? 1991 End of March-First of April

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 X	Workover	Deepen	Plug Back	Same Res'v	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					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
17-1/2	csq 13-3/8"		438'		800 sxs-cmt to surface			
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			
-	tbq 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 March 12, 1991	Date of Test March 13, 1991	Producing Method (Flow, pump, gas lift, etc.) Flow	
Length of Test 24 hrs	Tubing Pressure 700#	Casing Pressure 0	Choke Size 14/64
Actual Prod. During Test 340 bbls	Oil - Bbls. 340	Water - Bbls. 0	Gas- MCF 700

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.

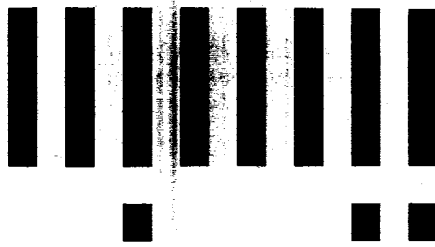
Signature
Marvin T. Jordan
Printed Name
March 20, 1991
Date
Operations Superintendent
Title
(405) 840-6624
Telephone No.

OIL CONSERVATION DIVISION

Date Approved
MAR 26 1991
By
Title

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

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



LTR



Job separation sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

NM-17238

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Smith Ranch Federal #2

9. API Well No.

30-025-31138

10. Field and Pool, or Exploratory Area

Teas-Bone Springs

11. County or Parish, State

Lea County, N.M.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Grace Petroleum Corporation Attention: Bill Baswell

3. Address and Telephone No.

6501 N. Broadway, Oklahoma City, OK 73116 (405) 840-6600

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**660' FNL & 1980' FWL
Section 11, T20S-R33E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Drilling Update**
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

(1/28/91) to (2/6/91) Drill 12-1/4" hole from 488' to 5284'

(2/6/91) Ran 120 jts (5292.09') 8-5/8" 28 & 32 lb/ft S-80 and set at 5279'.

Cemented as follows:

1st stage - 600 sxs Howco Lite w/16 lbs salt & 1/4 lb Flocele/sx.

Tailed w/200 sxs Class 'C' w/Ca Cl₂.

2nd stage - 3400 sxs Howco Lite w/16 lbs salt & 1/4 lb Flocele/sx.

Tailed w/200 sxs Class 'C' w/2% Ca Cl₂. Circulated 150 sxs cmt to surface.

14. I hereby certify that the foregoing is true and correct

Signed William P. Baswell

Title Operations Engineer

Date 4/12/91

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

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APR 26 1991

LIBRARY

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**(2/7/91) to (2/25/91) Drilled 7-7/8" hole from 5284' to 9750'.
DST #1 9352-9410', DST #2 9525-9568'**

(2/26/91) Ran 219 jts (9612.71') (plus subs & external casing packers) 5-1/2" 17 & 20 lb/ft N-80 and set at 9745'. Inflated packers w/90 sxs premium cement. Open HOS tool @ 9310'. Cemented 5-1/2" w/1200 sxs 50/50 Poz premium w/2 lb/sx KCL & .4% Halad-22A. Tailed w/150 sxs premium w/2 lb/sx KCL & .6% Halad-9. Cut off csg & release rig @ 10:15 AM (2/26/91).

14. I hereby certify that the foregoing is true and correct

Signed

William P. Baswell

Title **Operations Engineer**

Date **4/12/91**

(This space for Federal or State office use)

Approved by

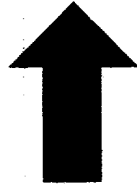
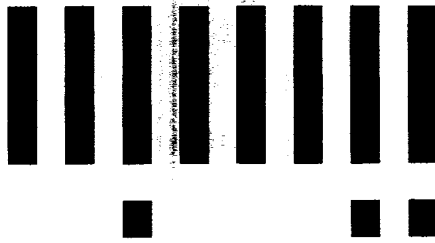
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(1/27/91) Spud well at 7 P.M. 1/26/91

Drill 17-1/2" hole to 488'

Ran 13 jts (488.40') 13-3/8" 48 lb/ft H-40. Cemented w/500 sxs

Premium Plus + 1/4% calcium choloride. Circulated 225 sxs to surface.

RECEIVED
APR 15 9 29 AM '91
CABLE NEWS
ARLINGTON
TELEVISION
STATION

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