

- 10-8-78 7000 psig Max. Displaced acid w/10.0 ppg BW containing 2% KCL @ 4 BPM
(cont) w/6200 psig. ISD 300 psig. 3 minute SIP -0- & then tbg on vacuum.
- 10-14-78 POH w/tbg & RTTS pkr. Set CIBP @ 14,100' & capped w/2 sx of cmt (14,080' PBD).
- 10-16-78 WIH w/Welex 4" csg gun & perf'd Morrow Sand thru 5½" csg across the following intervals: 14,028' to 14,034' (7 holes), 14,016' to 14,022' (7 holes), 13,966' to 13,972' (7 holes). PU RBP & RTTS pkr on 2 7/8" tbg & WIH. Set RBP @ 14,075' & RTTS pkr @ 13,890'.
- 10-19-78 Pumped 200 gals 10% Morrowflo acid down tbg displaced w/10.0 ppg 2% KCL wtr. Pressured tbg to 3000 psig. No bleed-off. Pressured tbg x csg annulus to 3000 psig. Annulus broke to -0- psig w/tbg pressure remaining @ 3000 psig. Pumped 30 bbls 10.0 ppg 2% KCL wtr down annulus @ -0- pressure. Unseated RTTS pkr & retrieved RBP. Set RBP above perms @ 13,890'.
- 10-20-78 Checking for leak in 5½" x 9 5/8" wellhead packing. Pumped into annulus @ 850 psig. Opened Bradenhead valve btw 5½" x 9 5/8" csg. Had free circ.
- 10-24-78 RIH w/ Baash-Ross Csg Cutter & cut 5½" csg @ 551'. POH w/tbg & csg cutter. RU csg tools. POH w/13 jts & cut-off. Found hairline crack 3½' long immediately below collar on jt No. 11 (403' FS).
- 10-26-78 Dressed-off 6" of 5½" csg stub. RIH w/Bowen Packer type Csg Patch w/basket grapple on 5½" csg & caught 5½" csg stub @ 561'. Picked-up to 135M#. Held ok. Set-off to 90M# on slips.
- 10-27-78 Filled 5½" csg & 5½" x 9 5/8" annulus w/10.0 ppg BW containing 2% KCL. Tested csg to 3000 psig ok. PU 5½" csg & set in wellhead slips w/135M# tension. Cut-off 5½" csg. NU Tbg-Hd & 30P. Tested wellhead packing to 3000 psig ok.
- 10-30-78 Finished POH w/tbg & RBP. WIH w/4" csg gun & perf'd Morrow Sand across the following intervals: 13,910' to 13,914' (5 holes), 13,893' to 13,900' (8 holes), 13,803' to 13,819' (17 holes). RIH w/Otis Perma-trieve pkr w/"EP" Plug in place & set @ 13,464'. Tested csg & pkr to 1500 psig ok.
- 10-30-78 Tested 426 jts (13,453') of 2 7/8", 6.5#, N80, EUE, 8rd, ABC MOD tbg in hole to 9000 psig. Spaced-out & landed in Otis Perma-trieve pkr @ 13,464'. NU & tested x-mas tree to 9000 psig.
- 11-3-78 Installed Isolation Tool & tested lines to 9000 psig. Acidized Morrow perms from 13,803' to 14,034' (51 holes) w/4700 gals of 10% Morrowflo acid flushed w/treated 2% KCL wtr. Acid & flush contained 1000 SCF/bbl N₂. Acidized in 9 stages separated w/9 ball sealers per stage @ 7300 psig Max, 6800 psig Min, w/5.6 BPM (liquid phase & N₂) A.I.R. Held 2500 psig on annulus throughout treatment. ISIP 5700 psig w/15 minute SIP @ 5200 psig.
- 11-6-78 Well SI pending installation of Sales Line.

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-105
Effective 1-1-65

DISTRIBUTION			
STATE			
COUNTY			
G.S.			
D. OFFICE			
TRANSPORTER	OIL		
	GAS		
OPERATOR			
PRODUCTION OFFICE			

I. Operator
Grace Petroleum Corporation
Address
P. O. Drawer 2358, Midland, Texas 79702
Reason(s) for filing (check proper box)
New Well ☐ Change in Transporter ☐
Holding Letter ☐ Oil ☐
Change in Ownership ☒ Gas ☐
Casinghead Gas ☐
Order (Please explain)
Drilling Well. Completion procedures currently in progress.
If change of ownership give name and address of previous owner: Cleary Petroleum Corporation, P. O. Drawer 2358, Midland, Tx. 79702

II. DESCRIPTION OF WELL AND LEASE

Lease Name	New Mexico Federal "F" Comm. 1 Undesignated	Kind of Lease	State, Federal or Lea	Lease No.	NM-04229-
Location	Unit Letter K 1980 Feet From The West 4650 Feet From The South	Line of Section	5 Township 21-S Range 32-E	NMBM,	Lea County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil	None	Give address to which approved copy of this form is to be sent			
Name of Authorized Transporter of Casinghead Gas	None	Give address to which approved copy of this form is to be sent			
If well produces oil or liquids, give location of tanks.	Unit	Serial	Day	They connected?	When

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil well	Gas well	Water well	Workover	Deepen	Side Rest.	Diff. Rest.
Date Spudded	Date Compl. Ready to Prod.	Production		P.S.T.P.			
Elevations (DE, RKB, RT, GR, etc.)	Name of Producing Formation	Pay		Tubing Depth			
Perforations			Depth Casing Shoe				
TUBING, CASING, AND CEMENTING RECORD							
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be a 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)

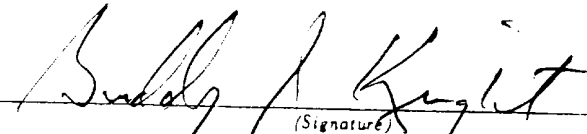
Date First New Oil Run To Tanks	Date of Test	Testing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Gas-Bbls.	GAS-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Actual Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

I. CERTIFICATE OF COMPLIANCE

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


(Signature)
District Production Manager
(Title)
10-25-78
(Date)

OIL CONSERVATION COMMISSION

APPROVED  19____
BY Jerry Sexton
TITLE Dist. 1, Supv.

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation logs taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.