



## PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762  
4001 PENBROOK

NATURAL RESOURCES GROUP  
Exploration and Production

July 19, 1979

In re: East Vacuum Grayburg-San Andres  
Unit--Pressure Maintenance Pro-  
ject--Lea County, New Mexico

New Mexico Oil Conservation  
Division Order R-5897  
Attachment Exhibit "C"

Bond Log Vacuum Abo Unit Well  
Tract 14, Well No. 3

New Mexico Oil Conservation Division  
Hobbs, New Mexico

Attention: Mr. J. T. Sexton  
Supervisor and Oil and Gas Inspector

Gentlemen:

An exception to Exhibit "C" for the subject producing Abo well is requested.

Bond log indicates TOC at 5150'. Perforated 4½" casing with four holes at 4998' and squeezed with 57 sacks Incor SR cement at 2500# psi, leaving 43 sacks in casing. Pulled tubing and perforated with four holes at 4000' (Grayburg top 4075'). Could not break down formation at 2500# psi, and had no circulation up the annulus. Drilled out cement, tested casing and put well back on production.

This will confirm conversation of June 13, 1979, between you and Mr. Bill Durham of this office.

Yours very truly,

J. W. Maharg, Chairman  
Working Interest Owners

WJD:ps  
Attach

Circ.

13 3/8" at 313' - 190 SK Next  
Circ Cont 17" Hole

Cal. TOC 1670'

8 5/8" at 3233' - 200 SK Reg 4 1/2" gel  
50 SK Reg  
11" Hole

Cal. TOC 5600'

2 3/8" TOC

Top Grayburg 4075'  
Top of Salt 1550'  
Base of salt 3025'

Perf 8561' - 8710'

Perf 8728' - 8780'

Perf 8780' - 8830' Abo

9079'

4 1/2" at 9107' - 450 SKS INCCY 4 1/2" gel  
7 1/8" Hole

NO.	REVISION	BY	DATE	CHKD	APP'D
FOR BIDS		PHILLIPS PETROLEUM COMPANY		AFE NO.	FILE CODE
FOR APPR		BARTLESVILLE, OKLAHOMA		SCALE	
FOR CONST		YAU Well No. 14-3-660 FSE 1980' Fal		UNLESS OTHERWISE NOTED	
DRAWN		Sec 5, -18S-33E		DWG NO.	
CHECKED		Geo Co., N.M.		SH NO.	
APP'D		Unit "N"			