

	<b>X</b>		

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **New Mexico**  
Lease No. **NM 02989**  
Unit **Johnson Gas Unit "C"**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**Johnson Gas Unit "C"**

**Farmington, New Mexico December 6, 19 60**

Well No. **1** is located **990** ft. from **[N]** line and **1700** ft. from **[W]** line of sec. **7**

**NE 1/4 NW 1/4 of Section 7**  
(1/4 Sec. and Sec. No.)

**T-29-N**  
(Twp.)

**R-12-W**  
(Range)

**N.M.P.M.**  
(Meridian)

**Undesignated Dakota**  
(Field)

**San Juan**  
(County or Subdivision)

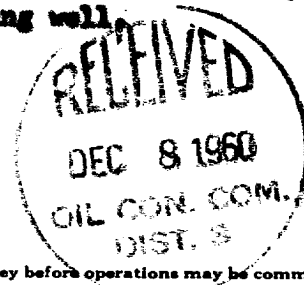
**New Mexico**  
(State or Territory)

The elevation of the derrick floor above sea level is **5591** ft. (**RDS**)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Plug back depth 6265'. Spotted 500 gallons 15% MCA. Ran correlation log. Perforated 4-1/2" casing 6142-47, 6154-57, 6175-78 with 6 shots per foot. Sand water fracked with 48,000 gallons water with 1% calcium per 1000 gallons of Halliburton M-04 and 40,000 pounds sand. Breakdown pressure 1100 psi, average treating pressure 2600 psi, average injection rate 41 barrels per minute. Landed 2" tubing at 6138'. Currently testing well.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Pan American Petroleum Corporation**

Address **Box 480**

**Farmington, New Mexico**

Attn: **L.G. Speer, Jr.**

ORIGINAL SIGNED BY  
**R. M. Bauer, Jr.**

By

Title **Area Engineer**