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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **000117**
Unit **Sullivan Gas Unit "B"**

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	X
NOTICE OF INTENTION TO ABANDON WELL		

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

Sullivan Gas Unit "B"

Farmington, New Mexico December 1, 1958

Well No. **1** is located **943** ft. from **[N]** line and **1704** ft. from **[E]** line of sec. **21**

NE 1/4 of Section 21
(1/4 Sec. and Sec. No.)

T-32-N
(Twp.)

R-10-W
(Range)

N.M.P.M.
(Meridian)

Blanco-Mesaverte
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is **6253** ft.

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)

Sullivan Gas Unit "B" Well No. 1. On November 11, 1958 workover rig was moved on the above well and tubing was pulled. Well was then cleaned out with gas to a total depth of 5610'. Five inch liner was set at 4794-5600 with Burns Plain Type Liner Hanger with 110 sacks 45 gal cement with 1-1/2 pounds Tuf Plug per sack. Checked top cement in liner at 5538' with 4-1/4" bit. Loaded hole with water and pumped in at 1200 pounds. Ran HRC tool set at 4746'. Pressured up above to 1200 pounds breaking back to 600 pounds and pumped in at 5-1/2 barrels per minute. Pumped in below at 1200 pounds with four barrels per minute. Set HRC tool up hole and found packer not holding. Ran RTTS tool set at 4736. Tested above with 2500 pounds which held ok. Test below and pumped in at 1200 pounds. Squeezed top of liner with 100 sacks cement with 1-1/2 pounds Tuf Plug per sack.

(See reverse side)

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 487**

Farmington, New Mexico

ORIGINAL SIGNED BY
D. J. SCOTT

By

Title **Field Clerk**

Did not reverse out. Ran 6-1/4" bit and drilled cement 4760 - 9L. Ran 7-1/4" bit to 5538' ok. Perforated Point Lookout with two shots per foot 5375-86, 5396-5408, 5428-50, 5460-84. Sand-water fractured Point Lookout some with 50,000 gallons water and 70,000 pounds sand. Formation broke at 475 pounds, treating pressure 1690 pounds. Average injection rate 74.7 barrels per minute. Set drillable bridge plug at 5030' and tested with 1600 pounds. Perforated drillhouse some 4915-60, 4970-5000 with two shots per foot. Sand-water fractured with 60,000 gallons water and 49,000 pounds sand. Formation broke at 1100 pounds. Treating pressure 1150 pounds, average injection rate 66 barrels per minute. Displaced water with gas and drilled bridge plug. Cleaned out to 5538'. Two inch tubing landed at 5531'. Preliminary float tube measurement 6540 MCAPPD. NIG was released on November 23, 1958.