

L. A. Johnston

1-File

1-Southern Union (SUBMIT IN TRIPLICATE)

L. A. Johnston

UNITED STATES

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office

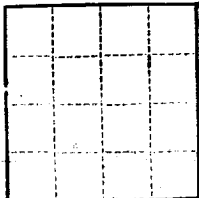
New Mexico

Lease No.

09040-1

Unit

11-00-001-139



## 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
NOTICE OF INTENTION TO ABANDON WELL	

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

January

31

1956

Well No. 51-51 is located 920 ft. from N line and 1900 ft. from W line of sec. 3134/434/42934N.M.P.M.

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

BlancoRio ArribaNew Mexico

(Field)

(County or Subdivision)

(State or Territory)

Integrated Oil.The elevation of the derrick floor above sea level is 6043 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)

Perf by Valdez w/2shots/ft., 9900-9910, 9910-9920, 9920-9930, 9930-9940, 9940-9950, unable to break formation w/30,000#. Re-Perf, same interval w/1 3/4" ft. Could not break formation, went in w/baking and bit. Spotted 500 gal 20% acid opposite party hold 2900# pressure on cog for 7 hrs, unable to break formation pulled out & run same Wells H.K. Per. S.D. & pumped into formation w/1400# from L.F.L. from 9900-9910, by Howell w/40,000 gal water (need) Breakdown 2000# tops to 1800# then 1800# Avg. 1800# Final 1800# went to vacuum. Avg. I.R. 43.7 EPM. Set 2" at 9910' & Perf U.F.L. from 9914-9916, 9916-9922, w/2 jets shots/ft. Per. by Howell w/30,400 gals water (no oil) 1800# Avg. went 1800# then a final 1800# went to vacuum Avg. I.R. 43.3 EPM. Run 9967.50' of 2-3/8" C.D. 8-70# J-53 tbg w/2.50' of perforating w/ casing collar & cross bar on bottom. Set at 9961.50. Released rig 2:00 A.M. 1-6-56.

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

Company

PACIFIC BENTONITE PIPELINE CORPORATION

Address

413 1/2 West Main Street

Farmington, New Mexico

By Original signed by T. A. Dugan

Title District Engineer

1. DATE RECEIVED 04/04/2013 04/04/2013

[illegible]

2004年12月 第11卷第12期

$\frac{d}{dt} \left( \frac{1}{2} m v^2 \right) = \frac{1}{2} m \frac{dv^2}{dt} = \frac{1}{2} m \frac{d}{dt} (v_x^2 + v_y^2 + v_z^2) = \frac{1}{2} m \frac{d}{dt} (v^2)$

Figure 1. The effect of the concentration of the *Agaricus bisporus* spores on the growth of *Agaricus bisporus* on the substrate. The concentration of the spores was 10<sup>4</sup> spores/g substrate (a), 10<sup>5</sup> spores/g substrate (b), 10<sup>6</sup> spores/g substrate (c), 10<sup>7</sup> spores/g substrate (d), 10<sup>8</sup> spores/g substrate (e), 10<sup>9</sup> spores/g substrate (f). The substrate was 100 g of substrate (100 g of substrate + 100 g of substrate).

1. *Phragmites australis* (Cav.) Trin. ex Steud.