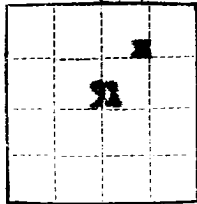


5 - U.S.G.S.
1 - W. R. Johnston
1 - File

(SUBMIT IN TRIPLICATE)



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. H. N. 61291
Unit 30-5
14-04-503-746

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.....	Subsequent report of perforations - X

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

May 9, 1956

Well No. 14-31 is located 1180 ft. from N line and 1790 ft. from E line of sec. 31

N 1/2 E 1/2 Sec. 31

30N

5 W

H.M.P.M.

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

(Twp.)

(Range)

(Meridian)

Mescal - Man Verde

Rio Arriba

New Mexico

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the ~~derrick floor~~ ^{ungraded ground} above sea level is 6034 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)

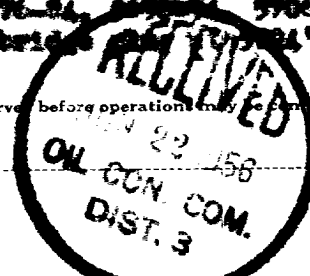
T.D. 6169'. Moved on completion rig. Casing tested O.I. San Lane Wells log and perforated 6062-76, 6070-88, 6077-6101, 6106-10, 6172-28 with 2 shots per foot and free Lower Point Lockout with 30,400 gals. water only. P.D. 2400'. Average 1600'. Maximum 2400'. Final 1600' to vacuum. Injection rate 46.3 E.P.M. Perforated 6008-32, 6036-44 with 2 shots per foot. Set bridge plug at 6052' and free Upper Point lockout with 46,200 gals. water only. P.D. 500'. Average 1750'. Maximum 1800'. Final 1800' to vacuum. Injection rate 61 E.P.M. Retrieved bridge plug and perforated 5838-42, 5854-70, 5876-794, 5932-44 with 2 shots per foot. Set bridge plug at 5960' and free Manosco with 48,720 gals. water only. P.D. 1100'. Average 1600'. Maximum 1800'. Final 1600'. Standing 100' in 5 minutes. Injection rate 57 E.P.M. Retrieved bridge plug and perforated 5776-84, 5790-10, 5796-10, 5790-38, 5798-68, 5776-84 with 2 shots per foot. Set bridge plug at 5792' and

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

Company Pacific Northwest Pipeline Corporation

Address 413 West Main

Parzington, New Mexico



By Original signed by T. A. Duran
Title District Engineer

Cruc Cliff House with 90,450 gals. water only. S.L. 1900'. Average 1650'.
Maximum 1800'. Final 1650', to vacuum. Injection rate 45.4 F.P.M. Closed
out to total depth and set 6121.90' of 2 3/8" O.D., 4.75, J-99 tubing with
perforated nipple and crossed pin collar at 6133.67'. Released rig at 1:00
P.M. 4-14-56.

