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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

SF
Land Office
Lease No. 001226
Unit Horseshoe Canyon

RECEIVED

JAN 16 1959

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.....	X
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.....	Sandoil Frac.	X

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

January 13

1959

Well No. 3 is located 2220 ft. from $\begin{Bmatrix} N \\ SE \end{Bmatrix}$ line and 880 ft. from $\begin{Bmatrix} E \\ SW \end{Bmatrix}$ line of sec. 4

SE NE/4 Sec. 4
($\frac{1}{4}$ Sec. and Sec. No.)

30N
(Twp.)

16W
(Range)

NMPM
(Meridian)

Horseshoe-Gallup
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

G.L.

The elevation of the ~~land surface~~ above sea level is 5385 ft.

DETAILS OF WORK

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

1-6-59 Total Depth 1380'. Clean Out Total Depth 1340'.

Sandoil fractured Gallup old perforated interval 1300'-1336' (4 sh./ft.) originally perf. 7-6-57 with 15,460 gals. oil and 20,000# sand. Breakdown pressure 700#, Maximum treating pressure 750#, Average treating pressure 700#. Injection Rate 58.7 bbls./min. Flush 1,470 gals. oil. Injected 40 rubber balls @ 60 & 120 sacks sand.

1-6-59 Total Depth 1380'. Temporary Bridge Plug at 1260'.

Sandoil fractured Gallup new perforated interval 1188'-1231' (2 sh./ft.) with 26,964 gals. oil & 30,000# sand. BOP--700#, MTP--2500#, ATP--1400#. Injection Rate 51.2 bbls./min. Flush 1260 gals. oil. Spotted 250 gals. 7-1/2% MCA before fracture. Injected 40 rubber balls halfway thru treatment.

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

Company El Paso Natural Gas Products Company

Address Post Office Box 1565
Farmington, New Mexico

ORIGINAL SIGNED BY: WILLIAM K. GLAZENER

By

Title Petroleum Engineer

