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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.

Land Office **Santa Fe**
Lease No. **57-077382**
Unit **USA Hargrave "H"**

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)

USA Hargrave "H"

Farmington, New Mexico September 9, 1959

Well No. **1** is located **790** ft. from **[N]** line and **1850** ft. from **[E]** line of sec. **9**

N2/4 Section 9
(1/4 Sec. and Sec. No.)

T27N
(Twp.)

R10W
(Range)

N.M.P.M.
(Meridian)

Angels Peak Dakota
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is **6093** ft. (RDB)

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)

Moved in completion unit on August 31, 1959. Spotted 250 gallons MCA. Tested casing with 300 psi for 15 minutes which held with no indication of pressure drop. Ran cement leg and found top cement at 4710'. Perforated Dakota with two shots per foot 6461-6499. Sand-water fracked with 50,000 gallons water and 50,000 pounds sand. Breakdown pressure 1500 psi, average treating pressure 2850 psi, average injection rate 32 barrels per minute.

Landed 2" tubing at 6445'. Completed as shut in gas well Angels Peak Dakota Field September 6, 1959. Preliminary test September 6, 1959, 4261 MCF per day.

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

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

By

Title **Area Engineer**

