

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **SP-077382**
Unit **USA R. . Hargrave "K"**

X			

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)

USA R. . Hargrave "K" Farmington, New Mexico October 5, 19 59

Well No. **1** is located **790** ft. from **N** line and **790** ft. from **E** line of sec. **16**

SW/4 Section 16 **T-27-N** **R-10-W** **T.M.P.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

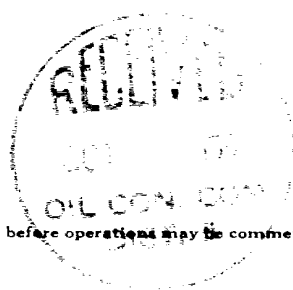
Angels Peak Dakota **San Juan** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5959** ft. (RDE)

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)

Spotted 200 gallons 15% MCI. Perforated Dakota with 2 shots per foot 6334-6370. Sand-water fracked with 40,000 gallons water and 40,000 pounds sand. Breakdown pressure 2200 psi, average treating pressure 2975 psi, maximum treating pressure 3025 psi, minimum treating pressure 2800 psi, average injection rate 25 barrels per minute. Landed 2" tubing at 6324'. Completed as shut in Angels Peak Dakota gas well September 28, 1959. Preliminary test September 28, 1959, 2460 MCFPD.



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. O. Speer, Jr.**

ORIGINAL COVER BY
L. O. Speer, Jr.

By _____

Title **Area Superintendent**

(SUBMIT IN TRIPLICATE)

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Land Office **Santa Fe**
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USA R. P. Hargrave "X"

Farmington, New Mexico September 25, 1959

Well No. **1** is located **790** ft. from **N** line and **790** ft. from **E** line of sec. **16**

SW/4 Section 16

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

Angels Peak Dakota

(Field)

T27N

(Twp.)

R10W

(Range)

N.M.P.M.

(Meridian)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is **5946** ft. (GL)

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)

Total depth 6465' shale. 4-1/2" casing was set at 6465' with 2-stage cement tool at 2037'. Cemented first stage with 450 sacks 6% gal cement containing 1-1/2 pounds Tuf-Plug per sack followed by 100 sacks neat cement. Had full returns thruout. Tested 4-1/2" casing with 3000 psi for 15 minutes, which held with no indication of pressure drop. Cemented second stage with 250 sacks 4% gal cement. Had full returns thruout. Tested casing with 3000 psi for 15 minutes, which held with no indication of pressure drop. Picked up tubing and drilled DV tool at 2038'. Cleaned out to 6426'. Circulated hole clean. Released rotary rig on September 12, 1959. Currently waiting on completion unit.

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. C. Sparr, Jr.**

ORIGINAL SIGNED BY

By

Title **Area Engineer**