



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

~~Albuquerque~~ **Albuquerque**

Allottee _____

Lease No. **Albuquerque Contract 148**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING 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			

RECEIVED

OCT 14 1958

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

Albuquerque Contract 148

Farmington, New Mexico, October 13, 1958

Well No. **20** is located **620** ft. from **(N)** line and **1720** ft. from **(E)** line of sec. **14**

SW 1/4 of Section 14 (T. 22 N. R. 22 W. S. 14 N.)

Undesignated Gallup (Field) **Albuquerque** (County or Subdivision) **New Mexico** (State or Territory)

The elevation of the derrick floor above sea level is **7033** 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)

- We propose to change plans for completing **Albuquerque Contract 148 No. 20** as follows:
1. Square off present non-productive **Albuquerque** perforations **7712-7730 w/200** oz cement. Use cast iron cement retainer and remove cut excess, circulate hole clean above retainer, land tubing, and move cut rotary rig.
 2. Move in completion rig, displace water with oil, spot **500** gals. mud acid across **Gallup** interval, and pull tubing.
 3. Perforate **Gallup 2** **2 7/8** electric log measurement **6400-6412, 6412-6424, 6424-6436, 6436-6450,** and **6450-6462**.
 4. Sand-oil from **w/50,000** gals oil and **60,000** lbs **20-40** mesh Ottawa type sand.
 5. Inject total of **80** perforation ball sealers in 4 equal stages of **20** balls each at **275** psi intervals during treatment.
 6. Test **Gallup** formation and complete well.

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

ORIGINAL SIGNED BY

By **L. O. Speer, Jr.**

Title **Field Superintendent**