



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-B3584
Approval expires 12-31-55

Land Office **New Mexico**
Lease No. **NM 03153**
Unit **O. H. Randel #B**

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)

O. H. Randel #B

Farmington, New Mexico January 20, 1959

Well No. 1 is located 790 ft. from S line and 1890 ft. from W line of sec. 10SW/4 of Section 10 T-26-N R-11-W N.M.P.M.

(Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Undesignated Dakota-Gallagher-Gallup San JuanNew Mexico

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 6340 ft.

DETAILS OF WORK

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

O. H. Randel #B Well No. 1. On December 22, 1958, perforated Dakota with 4 shots per foot 6250-6252. Fracked with 500 gallons 15% mud clean out agent. Formation broke at 2200 pounds. Shutting 21 hours, fluid level at 6200' making gas too small to measure. Perforated with four shots per foot 6250-6274, 6302-6318. Sand-water fracked with 40,000 gallons water and 40,000 pounds sand. Used 25 gallons Nylfo in first 100 barrels. Formation broke at 1300 pounds. Treating pressure 1500-2400 pounds. Average injection rate 200 barrels per minute. Dropped 140 ball sealers in 4 stages. Set retrievable bridge plug 1501', test to 2000' for 30 minutes ok. Perforated Gallup with 2 shots per foot 5303-5420, 5456-5470, 5505-5533. Attempted to sand-oil free. Pumped in 125 Gallons phenolic bleached section on 2 of 3 storage tanks. Pumped in 9000' of sand, section and pressured up to 3000'. Ran 2" tubing to clean out sand. Sand-oil fracked with 4,000 gallons oil and 42,000 pounds sand. Formation broke at 2250 pounds. Maximum treating pressure 3000 pounds, (See reverse side)

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

Company Pan American Petroleum CorporationAddress Box 487Farmington, New MexicoORIGINAL SIGNED BY
R. M. Bauer, Jr.

By

Title Field Engineer

Minimum treating pressure 1350 pounds. Average injection rate 42 barrels per minute. Injected 120 bbl solution in three stages.

Get Baker Model "D" production packer at 4206'. 2-3/8" tubing for Baker was landed at 4275'. 2-1/2" tubing for casing was landed at 5530'. Preliminary Dakota zone 1901. KSPW on December 10, 1950. Potential casing zone 1700 barrels oil per day then 2 1/2" casing with 21/2" tubing casing pressure 150 psi and flowing casing pressure 300 psi on January 19, 1951. Shut in Dakota tubing pressure 1950 psi held steady through-out casing test indicating packer holding satisfactorily.