

APPROVED
FEB 19 1963

(SUBMIT IN TRIPLICATE)

Land Office

Lease No. **NM 04242**

Unit

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RONNIE E. SHOOK
ACTING DISTRICT ENGINEER**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 | | |

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

February 15, 1963

Denius-Federal

Well No. **3** is located **1980** ft. from **S** line and **1980** ft. from **W** line of sec. **33****NE/4 SW/4 Sec. 33**

(¼ Sec. and Sec. No.)

T-17-S R-33-E

(Twp.)

(Range)

(Meridian)

Corbin Abo

(Field)

Lea

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is **4111** 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)

Perforated from 8576-8608' with 4 shots per foot on 12-11-62. Ran 4 1/2" cast iron packer and set from 8670-71'. Ran tubing and spotted acid over upper set of perforations from 8576-8608. Set tubing inside of packer and pressured up on annulus and attempted to acidize this upper set of perforations with 1,000 gallons of 15% acid. Had communication between packer or on outside of casing. Injected acid into formation. Unable to determine whether acid went into perforations from 8576-8608' or into perforations from 8690-8740'. Swabbed well in and put back on production.

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

Company **James P. Dunigan**Address **415 Citizens National Bank Building****Abilene, Texas**

By

Title

Superintendent**RECEIVED**
FEB 18 1963
U.S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO