



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

P. O. Box 997  
Roswell, New Mexico  
September 21, 1950

Mac T. Anderson  
Box 613  
Asteo, New Mexico

Re: Santa Fe 078115

Dear Mr. Anderson:

Receipt is acknowledged of your "Notice of Intention to Drill" dated September 18, 1950, covering your well No. 2 Tonkin on the subject lease in the NE $\frac{1}{4}$  SE $\frac{1}{4}$  sec. 13, T. 27 N., R. 12 W., N.M.P.M., San Juan County, New Mexico.

Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, a copy of which will be sent to you on request, and subject to the following conditions:

1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. Furnish a weekly letter report during drilling operations, also furnish copies of driller's log, sample log and any electrical logs that are run.

Very truly yours,

*P. T. McGrath*  
P. T. McGrath,  
District Engineer.

## PLEASE READ BEFORE STARTING OPERATIONS

Attention is called to the following general and special requirements most likely to be overlooked by operators on Federal oil and gas leases. Suspension of field operations may be required by the District Engineer for failure to comply with the Operating Regulations, the conditions of drilling approval, and these require requirements:

### GENERAL

1. All drilling and producing wells shall be permanently marked in a conspicuous place with the name of operators, lease name, serial number of lease, well number, and location. Necessary precautions must be taken to preserve such signs.
2. Any desired change of drilling plan or condition of approval must have written approval of the District Engineer BEFORE the change is made.
3. Unless otherwise specified in the approval to drill, the production string of casing must be set at the top of the pay zone, the completion shall be made with a reasonable gas-oil ratio.
4. BEFORE work is started, written approval must be obtained, unless other acceptable arrangements are made in advance with the District Engineer, and after work is completed results must be reported to the U. S. Geological Survey by submitting complete information in triplicate on form 9-331a, covering:
  - a. Spudding or cementing, including proposed date and method of testing, water shut-off.
  - b. Drill-stem tests or perforating.
  - c. Casing alterations, packer settings, or repairs of any kind.
  - d. Shooting, acid treatment, deepening or plugging back.
  - e. Gas-lift installations.
  - f. Drilling of water wells.
5. Monthly report of operations in duplicate, on form 9-329, must be submitted promptly each month beginning with spudding of the first well on a lease and continuing until approved abandonment of all drilling and producing operations.
6. Log, in duplicate, on form 9-330, must be submitted within 10 days of reaching temporary or permanent drilling depth. Copy of all electrical logs, sample cuttings logs, drilling-time logs, and any other well information not given on the standard form, should be attached to same.
7. Separate application to drill any water well on federal land is required, and special procedure is necessary for abandonment of any well having a desirable water supply.
8. All wells and lease premises shall be maintained in first class condition with due regard to safety, conservation, appearance, and refuse disposal.
9. The notice of intention to drill any well is reached without further notice if drilling is not started within 90 days of approval.
10. Cement must be allowed to set a minimum of 72 hours on all strings of casing prior to drilling the plug, except for modifications provided by the Supervisor's order dated March 10, 1947, copy of which will be furnished on request.