

ILLEGIBLE

MINERAL LEASES 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 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. Mudding or cementing, including proposed data and method of testing water shut-off.
 - b. Drill-stem tests or perforating.
 - c. Casing alterations, packer setting, 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 quadruplicate, on form 9-330, must be submitted within 10 days of reaching temporary or permanent drilling depth. Duplicate copies of all electrical logs, sample cutting logs, drilling time logs, and any other well information not given on the standard form also should be filed.
 7. Separate applications 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 The notice of intention to drill any well is rescinded without further notice if drilling is not started within 90 days of approval.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 modification provided by the Supervisor's order dated March 18, 1947, copy of which will be furnished on request.
- SPECIAL. (None, if so indicated.)