

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

GREAT WESTERN DRILLING COMPANY

3a. Address

P.O. BOX 1659 MIDLAND, TX 79702

3b. Phone No. (include area code)

(915) 682-5241

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

4,780' FNL & 660' FEL
UNIT H; SECTION 23; T6S-R25E

5. Lease Serial No.

NM - 15862

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

QUAIL FEDERAL #10

9. API Well No.

30-005-63453

10. Field and Pool, or Exploratory Area

PECOS SLOPE-ABO

11. County or Parish, State

CHAVES COUNTY

NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

SEE ATTACHED

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

SAM ROBERTS

Title

PETROLEUM ENGINEER

Signature

Sam Roberts

Date

05/24/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**Quail Federal #10
Drilling Permit**

1. Great Western Drilling Company requests that the planned hole sizes and casing sizes for this well be amended as follows:

	<u>Hole Size</u>	<u>Casing Size</u>	<u>Depth</u>
Conductor	20"	16"	40'
Surface	14 3/4"	11 3/4"	900'
Intermediate*	11"	8 5/8"	1650'
Production	7 7/8"	4 1/2"	5500'

*The intermediate casing string will only be set if lost circulation is encountered.

Cement:

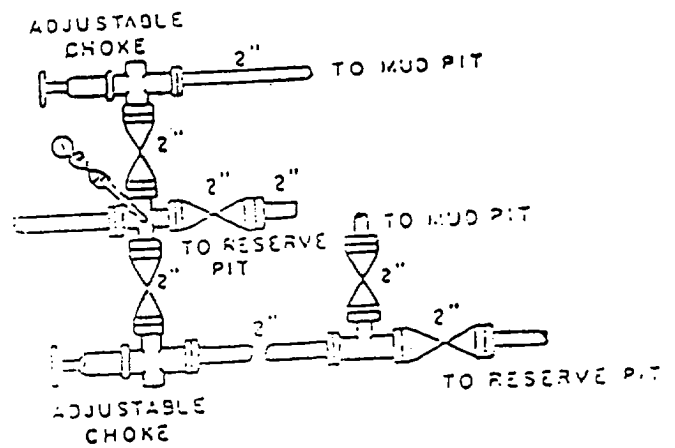
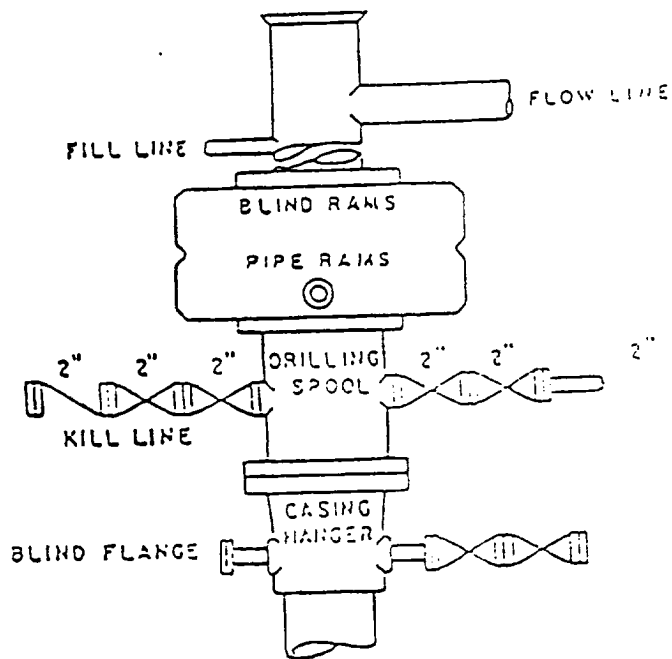
Conductor: Cement to surface with redi-mix.

Surface: Lead- 260 sx 35:65 Poz "C" + 2% CaCl₂ + 1/8 # polyflake + 6% Bentonite. Tail- 200 sx "C" + 2% CaCl₂. Cement to surface.

Intermediate: Lead- 140 sx 35:65 Poz "C" + 2% CaCl₂ + 1/8 # polyflake + 6% Bentonite. Tail- 100 sx "C" + 2% CaCl₂ + 1/8 # polyflake.

Production: Lead- 210 sx 35:65 Poz "C" + 1/8 # polyflake + 6% Bentonite. Tail- 500 sx Pecos Valley Lite + 1# NaCl + .2% D65 + .3% D167 + .2% D46 + .1% D13 + 4# Gilsonite. Final volumes to be determined from caliper log.

2. Great Western Drilling Company requests that the planned BOP equipment for this well be modified as indicated in the attached schematic to a 2000 psi working pressure, manually operated system with pipe and blind rams.



8" Manual Double Ram BOP

2000# working Pressure
Rams Operated Daily