

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 proposals.

99 JUL - 8 PM 3:45

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

5. Lease Serial No.

SE 077951

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Jack Frost "D" #1E

9. API Well No.

30-045-24667

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

San Juan 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input 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	

Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximated duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and 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 final site is ready for final inspection.)

Cross Timbers Operating Company request approval to set a CIBP above the Dakota formation and recompleat the well in the Gallup formation as follows:

- (1) Perforate lower Gallup 6,314'-6,332'.
- (2) Frac the lower Gallup down tubing with approximately 40,000 gals 70Q nitrogen foamed 20# linear gel and 50,000 lbs 20/40 sand.
- (3) Perforate the upper Gallup 6,144'-62', 6,214'-44' and 6,252'-64'.
- (4) Break down the upper Gallup with 1,500 gals of 15% HCl acid.
- (5) Frac the upper Gallup down tubing with approximately 50,000 gals crosslinked gel and 70,000 lbs 20/40 sand.
- (6) Put lower and upper Gallup on production. Dakota will remain isolated with a CIBP.

Once production stabilizes from the Gallup, an application will be submitted to downhole commingle the Gallup and Dakota.

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

Thomas W DeLong

Title

Production Engineer

Date 7/1/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

AS/ Duane W. Spencer

Title

Team Lead, Petroleum Management

Date

AUG - 3 1999

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.

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)

NMOCD