Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED				
Budget Bureau No. 1004-0135				
Expires: March 31, 1993				

5. Lease Designation and Serial No. NM - 013642

6. If Indian, Allottee or Tribe Name

or Recompletion Report and Log form.)

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Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals NA 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE NA 1 Type of Well Oil Gas 8. Well Name and No. Other Well Gardner 5A 2. Name of Operator 9. API Well No. **Koch Exploration Company** 30-045-30280 3. Address and Telephone No. 10. Field and Pool, or Exploratory Area P.O. Box 489 Aztec, New Mexico 87410 Blanco Mesa Verde 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State San Juan County Sec. 26, T32N, R9W (O) 787' FSL & 1625' FEL New Mexico CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Abandonment Notice of Intent **New Construction** Recompletion Non-Routine Fracturing Plugging Back Subsequent Report Water Shut-Off Casing Repair Conversion to Injection Altering Casing Final Abandonment Notice Dispose Water Other (Note: Report results of multiple completion on Well Completion

Describe Proposed or Compelted Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

We plan on completing the Lewis Shale Formation along with submitted Mesa Verde. To accommodate the Foam Frac for Lewis Shale we need to run 4 ½", 10.5# casing from TD to surface. In doing so we plan on changing the following casing strings as follows: Drill 12 1/4" hole. Run New 9 5/8", 36#, J-55 and set @ 220' and cement to surface. WOC 12 hrs. Test Csg to 1000# before drilling out. Drill 8 3/4" hole. Run New 7", 20#, J-55 casing and set @ 3800' and cement to Surface. WOC 12 hrs. Run CBL & Test to 1000#.

Drill 6 1/4" hole. Run New 4 1/2", 10.5#, J-55 casing from surface to TD of 6200'. Will cement 4 1/2" casing up into 7" casing a minimum of 100' or TOC @ 3700' or higher. WOC 12 hrs. Run CBL and Test Casing to 80% or 3850 psig.

Along with the initial Mesa Verde completion we plan on adding the Lewis Shale in a 2 stage Foam Frac as Follows:

Lower Lewis Shale 4596' - 5031' and perforate 50 - .38" holes.

Upper Lewis Shale 4168' - 4596' and perforate 50 - .38" holes.

Initial APD has been submitted, and we plan on drilling well when BLM approval is gra	anted and rig is available.
I hereby certify that the foregoing is true and correct Signed Title Operations Manager Title Operations Manager	Date 8/28/00
/ / In / War	SEP 1 8 2000 ·
Approved by	

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 jursidiction.