

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

MAY 11 PM 1:05

ALBUQUERQUE, N.M.

SUBMIT IN TRIPLICATE

RECEIVED  
MAY 28 1998

OIL CON. DIV.  
DIST. 3

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Thompson Engineering and Production Corp.

3. Address and Telephone No. C/O Walsh Engineering & Production Corp.  
7415 East Main Farmington, NM 87402 505-327-4892

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
790' FSL & 850 FWL, Section 2, T26N, R2W

5. Lease Designation and Serial No.  
NM 19560

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Bear Canyon #4

9. API Well No.  
30-039-24207

10. Field and Pool, or Exploratory Area  
Blanco Mesa Verde

11. County or Parish, State  
Rio Arriba County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment  
☒ Recompletion  
☒ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water  
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed 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.)\*

4/27/98. TIH and tag cement above the CIBP at 6935' KB. Spotted 6 sx (7 cu.ft.) of Cl "B" cement from 6916' to 6850' KB. TOH.

4/29/98. Completed Mesa Verde according to the attached treatment report.

4/30/98. Landed 2-3/8" tubing at 4976' KB. Swabbed well in. SI for pipeline connection.

14. I hereby certify that the foregoing is true and correct

Signed

*Paul C. Thompson*

Title

President

Date May 1, 1998

(This space for Federal or State office use)

Approved by

*Patricia M. Hester*

Title

Lands and Mineral Resources

Date

5/19/98

Conditions of approval, if any:

*Notify us when connection takes place -*

# FRACTURE TREATMENT

Formation Lower Lewis Stage No. 1

Date 4/29/98

Operator THOMPSON ENGR. & PROD. CORP. Lease and Well Bear Canyon #4

Correlation Log Type Gas Spectrum From 6400 To 3400

Temporary Bridge Plug Type None Set At \_\_\_\_\_

Perforations 4970' - 4990'  
4 Per foot type 0.45"

Pad 5500 gallons. Additives 60% Nitrogen  
20# /1000 Gal x-Linked Gel, Surfactant, Biocide,  
Enzyme Breaker in 2% KCl Water

Water 16,690 gallons. Additives Same as above

Sand 58,500 lbs. Size 20/40 w/Sand Wedge

Flush Incl above gallons. Additives \_\_\_\_\_

Breakdown 1100 psig

Ave. Treating Pressure 1800 psig

Max. Treating Pressure 2500 psig

Ave. Injection Rate 30 BPM

Hydraulic Horsepower \_\_\_\_\_ HHP

Instantaneous SIP 2450 psig

5 Minute SIP 2070 psig

10 Minute SIP 2080 psig

15 Minute SIP 2110 psig

Ball Drops: None Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
increase  
\_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
increase  
\_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
increase

Remarks: Acidized Perfs w/2000 gal of 15% HCl and 120 Balls

**Walsh** ENGINEERING & PRODUCTION CORP.