

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RECEIVED  
BLM

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

98 MAR 25 AM 10:11  
5. Lease Designation and Serial No.

010 ALBUQUERQUE, N.M.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

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, SW/SW Section 2, T26N, R2W

7. If Unit or CA, Agreement Designation

NM 80064- old CA #  
will need new

8. Well Name and No.

BEAR CANYON #4

9. API Well No.

30 045 4207

10. Field and Pool, or Exploratory Area

BLANCO MESA VERDE

11. County or Parish, State

RIO ARRIBA, 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.)\*

RECOMPLETE WELL IN MESA VERDE FORMATION AS PER ATTACHED PROCEDURES IN LOWER AND UPPER INTERVALS.

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

Signed Michael T. Hanson (Michael T. Hanson) Title Agent

Date March 17, 1998

(This space for Federal or State office use)

Approved by David R. Hoke

Lands and Mineral Resources

Title

Date

APR 2 # 1998

Conditions of approval, if any:

Will need CA for Mesa Verde production. Contain Frac Fluid in Tanks

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.

LEASE NAME: BEAR CANYON #4  
LOCATION: SW/SW SEC 2 T26N R2W  
RIO ARRIBA, N.M.

DATE: March 17, 1998

FIELD: BEAR CANYON  
SURFACE:  
LEASE DESIGNATION : NM19560

ELEV: GL 7245  
KB 7258  
PBSD

COMPLETION MESAVERDE : PERFORATE AND STIMULATE LOWER LEWIS INTERVAL.

1. MOL AND RU WORKOVER RIG WITH BOP, PUMP, FLAT TANK AND POWER SWIVEL. LAY 2" FLOW LINE TO THE FLAT TANK, WHICH SHOULD BE DOWN WIND FROM THE RIG.
2. BLOW WELL DOWN & CIRCULATE HOLE WITH FRESH WATER. PRESSURE TEST CASING AND BRIDGE PLUG TO 1000 PSI. NIPPLE DOWN WELL HEAD AND INSTALL 6" BOPS.
3. PICK UP 2 7/8" TUBING AND TAG CEMENT ON TOP OF BRIDGE PLUG. SPOT AND BALANCE 5 SACKS OF CLASS H CEMENT ( MINIMUM OF 50 FEET ) ON TOP OF BRIDGE PLUG. TOOH STAND BACK TUBING.
4. RIH WITH BIT AND SCRAPER TO TOP OF LINER. ROLL HOLE WITH 2% KCL WATER. PRESSURE TEST CASING, PIPE RAMS AND BRIDGE PLUG TO 3300 PSI.
5. SWAB WELL DOWN TO 3000 FEET. POOH WITH TUBING.
7. RIG UP PERFORATING COMPANY AND PERFORATE WITH 4" HEG GUNS 4JSPF FROM 4970-4990. CORRELATE WITH BLUE JET GAS SPECTRUM LOG DATED 02/06/98.
8. RIH WITH ARROW SET I PRODUCTION PACKER AND SET @  $\pm$  4920 FT.
9. RIG UP STIMULATION COMPANY AND ACIDIZE WITH 2000 GALLONS 15% HCL WITH ADDITIVES AND 160 BALL SEALERS.
10. SWAB/FLOW TEST WELL TO RECOVER ACID.
11. RIG UP STIMULATION COMPANY FOR HYDRAULIC FRACTURE TREATMENT PER SERVICE COMPANY RECOMMENDATION.
12. SWAB/FLOW TEST WELL.
13. PUT ON PRODUCTION. AFTER PRODUCTION TEST IS COMPLETE PROCEED TO UPPER LEWIS PROCEDURE.

PREPARED BY: MICHAEL T. HANSON  
PAGE #1

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RIO ARRIBA, N.M.

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SURFACE:  
LEASE DESIGNATION : NM19560

ELEV: GL 7245  
KB 7258  
PBTD

COMPLETION MESAVERDE : PERFORATE AND STIMULATE UPPER LEWIS INTERVAL.

1. POOH WITH PRODUCTION PACKER & RIH WITH BRIDGE PLUG AND PACKER. SET BRIDGE PLUG @  $\pm$  4950. SET PACKER 50-100 FEET ABOVE BRIDGE PLUG AND LOAD TUBING WITH 2% KCL WATER AND PRESSURE TEST BRIDGE PLUG TO 3300 PSI. RELEASE PACKER AND ROLL HOLE WITH 2 % KCL WATER.

2. SWAB WELL DOWN TO 3000 FEET. POOH WITH TUBING.

3. RIG UP PERFORATING COMPANY AND PERFORATE WITH 4" GUNS 1JSPF AS FOLLOWS. CORRELATE WITH BLUE JET GAS SPECTRUM LOG DATED 02/06/98.

4905-4911	4 FT	4 HOLES	4655-4679	24 FT.	24 HOLES
4874-4878	4 FT	4 HOLES	4535-4540	5 FT	5 HOLES
4826-4830	4 FT	4 HOLES	4510-4516	6 FT	6 HOLES
4815-4819	4 FT	4 HOLES	4473-4479	6 FT	6 HOLES
4801-4805	4 FT	4 HOLES	4436-4442	6 FT	6 HOLES
4770-4774	4 FT	4 HOLES			
4748-4752	4 FT	4 HOLES			
4730-4735	5 FT	5 HOLES			
4711-4717	6 FT	6 HOLES			

4. RIH WITH ARROW SET I PRODUCTION PACKER AND SET @  $\pm$  4390 FT.
5. RIG UP STIMULATION COMPANY FOR HYDRAULIC FRACTURE TREATMENT PER SERVICE COMPANY RECOMMENDATION.
6. SWAB/FLOW TEST WELL TO STIMULATION FLUIDS.
7. PUT ON PRODUCTION. AFTER PRODUCTION TEST IS COMPLETE REMOVE BRIDGE PLUG AND PUT BACK ON PRODUCTION.