

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 reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

SF 080956

6. If Indian, Allottee or Tribe Name

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

RCVD MAR 7 '07  
OIL CONS. DIV.

8. Well Name and No.

Martin #3Y

9. API Well No.

30-045-34116

10. Field and Pool, or Exploratory Area

Aztec Pictured Cliffs

11. County or Parish, State

San Juan, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Thompson Engineering and Production Corp.

3a. Address

7415 E. Main, Farmington, NM, 87402

3b. Phone No. (include area code)

505-327-4892

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

1500' FNL & 660 FEL, Section 3, T29N, R11W

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" 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 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 Operations (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 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 site is ready for final inspection.)

The Aztec Pictured Cliffs was completed as described on the attached treatment report.

ACCEPTED FOR RECORD

MAR 05 2007

FARMINGTON FIELD OFFICE

Te Salvati

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

Name (Printed/Typed)

Paul C. Thompson, P.E.

Title

President

Signature

Paul C. Thompson

Date

March 1, 2007

THIS SPACE FOR FEDERAL OR STATE 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, make 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.

NMOCD 9

**FRACTURE TREATMENT REPORT**

Operator: Thompson Engineering Well Name: Martin #3Y  
Date: 28-Feb-07  
Field: Aztec Pictured Cliffs Location: 3/29N/11W County: San Juan State: CO  
Stimulation Company: Blue Jet and Key PPS Supervisor: Paul Thompson

Stage #: 1/1 Pictured Cliffs

Sand Design: 100,000# Weight ticket: On Location 100,300# Size/type: 16/30 Brady

Fluid on location : No. of Tanks: 2 Strap: 20' Amount: 800 Usable: 720

**Perforations:**  
Depth: 2049-59, 2064-74 Total Holes: 60 PBTD: 2170' KB loggers  
Shots per foot: 3 spf EHD: .34"

**Breakdown:**  
Acid: 500 gal of 15% HCl Comments: Well broke at approximately 2625 psi  
Balls: None 40 psi STP drop due to the acid  
Pressure: 417 psi Rate: 4.5 BPM

**Stimulation:**  
ATP: 1200 psi AIR: 31 BPM  
MTP: psi (break) MIR: 34 PM

	ISIP:	5 min:	10 min:	15 min:	Sand Stage	Pressure	Rate	N2 Quality	BHFP
	1041	950	1086	1043	pad	1130	31.6	70	1163
					0.5 ppg	1132	30.4	72	1200
					1 ppg	1174	30.5	70	1238
					2 ppg	1300	27.4	67	1590
					3 ppg	1261	31.4	69	1545
					4 ppg	1220	30.5	71	1576

Job Complete at: 1320 hrs. Date: 2/28/2007 Start flow back: 1520 hrs.  
with 460 psi  
Total Fluid Pumped: 481 bbls  
Total Sand Pumped: 100,000# Total Sand on Formation: 100,000#  
Total Nitrogen Pumped: 397,724 SCF

**Notes:**

All frac fluid was fresh water with 2% KCl, biocide, 20#/1000 gal guar gel, borate crosslinker, foamer, surfactant, mutual solvent, enzyme and oxidizer breakers. The frac gradient based on the ISIP was .69 psi/ft.

Signature Paul Thompson