

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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 such proposals.*

RECEIVED

070 FARMINGTON

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. Atlantic C 102
2. Name of Operator GREAT WESTERN DRILLING CO.		9. API Well No. 30-045-32351
3a. Address c/o Walsh Engineering & Prod. Corp. 7415 East Main St. Farmington, NM 87402	3b. Phone No. (include area code) (505) 327-4892	10. Field and Pool, or Exploratory Area Basin Dakota
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FSL & 2175' FWL Sec. 6, T30N, R10W		11. County or Parish, State San Juan, New Mexico

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 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 Operation (clearly state all pertinent details, including estimated 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.)

On 06/01/05 ran CBL and found TOC at 2416'. Fraced well per attached treatment reports.



14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Paul C. Thompson, P.E.	Title Agent
Signature <i>Paul C. Thompson</i>	Date September 14, 2005
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved by	Title
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 operation thereon.	Office
Title 18 U.C.S. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	

ACCEPTED FOR RECORD

SEP 22 2005

FARMINGTON FIELD OFFICE
BY *[Signature]*

NMOCD

FRACTURE TREATMENT REPORT

Operator: Great Western Drilling Co. Well Name: Atlantic C #102
Date: 28-Jul-05
Field: Basin Dakota Location: 6/30N/10W County: San Juan State: NM
Stimulation Company: BJ Services / Blue Jet Supervisor: Paul Thompson

Stage #: 1/1

Sand on location: Design: 120,000# Weight ticket: 120,480# Size/type: 20/40 Ottawa

Fluid on location: No. of Tanks: 5 Strap: Amount: 1760 Usable: 1600

Perforations:

Depth: 7070 - 7236 Total Holes: 40 PBTB: 7240' KB Loggers
Shots per foot: 1 spf EHD: 0.34"

Breakdown:

Acid: 30 gal of 28% HCl Spotted across perfs in three bailer runs
3000 gal of 7-1/2% HCl Formation broke at 3075 psi
Balls: 60 7/8" 1.3 sp.gv Good ball action. Balled off twice to 3500 psi
Pressure: 1023 psi Rate: 5.3 BPM Recovered 60 balls

Stimulation:

ATP: 2970 psi AIR: 39.3 BPM
MTP: 3265 psi MIR: 39.9 BPM

	Sand Stage	Pressure	Rate	BHTP
ISIP: 1995	pad	3190	39	4847
5 min: 1510	1 ppg	3160	39.1	4967
10 min: 1220	2 ppg	2881	39.3	4855
15 min: 1029	3 ppg	2844	39.5	4983
	4 ppg	3016	39.3	5293

Job Complete at: 1830 hrs. Date: 7/28/2005 Start flow back: 2000 hrs
240 psi SI
Total Fluid Pumped: 1335 bbls
Total Sand Pumped: 120,000# Total Sand on Formation: 120,000#
Total Nitrogen Pumped: None

Notes:

All frac fluid was Aztec City water with 2% KCl, biocide, and 20#/1000 gal guar gel (Lightning 20), borate crosslinker, surfactant, pH buffers, enzyme and encapsulated breakers. Nolte plot was slightly positive throughout the job. The frac gradient based on the ISIP was 0.717 psi/ft.