

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 to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMSF - 080597

6. If Indian, Allottee or Tribe Name

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

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. GARTNER A 1R	
2. Name of Operator AMOCO PRODUCTION COMPANY		9. API Well No. 30-045-26962	
3a. Address P.O. BOX 3092 HOUSTON, TX 77253		3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T30N R8W SESW 1745FSL 1645FWL		10. Field and Pool, or Exploratory BLANCO MESAVERDE	
		11. County or Parish, and State SAN JUAN COUNTY, NM	

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 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 checked="" 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 starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete 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 recompletion 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.)

Amoco Production Company respectfully request permission to add additional pay by perforating and fracturing the Lewis Shale formation in the subject well as per the attached procedure.

MCS

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

**Electronic Submission #9879 verified by the BLM Well Information System
For AMOCO PRODUCTION COMPANY, sent to the Farmington**

Name (Printed/Typed)	MARY CORLEY	Signature	<i>Mary Corley</i>	Title	AUTHORIZED REPRESENTATIVE
Signature	(Electronic Submission)	Date	12/27/2001		

THIS SPACE FOR FEDERAL OR STATE OFFICE 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 and Title 43 U.S.C. Section 1212, 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.

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Gartner A 1 R Well Work Procedure

API#: 30-045-2696200

1. Check anchors. MIRU workover rig.
2. Kill with 2% KCL water if necessary. Nipple down WH. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 500 psi.
3. Tag for fill and tally OH with 2-3/8" production tubing. Visually inspect tbg while POOH.
4. TIH with bit and scraper for 4 1/2" casing to 4500'.
5. TIH with tubing-set CIBP. Set CIBP at 4450'. Load hole with 2% KCL.
6. RU E-line and run CBL/VDL logs.
7. Pressure test casing to 2500 psi.
8. Swab 2000' of fluid column in casing with the sandline.
9. RIH with 3-1/8" casing guns 1 SPF 120 deg phasing with Schlumberger's Prospector, select-fire charge. Perforate Lewis shale (correlate to GR log).
10. Breakdown the perforation with acetic acid.
11. RU frac equipment and install wellhead isolation tool. Use 2% KCL-N2 foam in fracture stimulation.
12. Frac the Lewis shale according pump schedule.
13. Flowback frac fluid immediately.
14. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 4450'. Clean out fill to PBTB at 5604'. Blow well dry at PBTB.
15. Land 2-3/8" production tubing at 5240'.
16. Swab water from the tubing with the sandline.
17. ND BOP's. NU WH. Test well for air. Return well to production.



GARTNER A 001R - MV

Sec 28, T30N, R8W
API #: 30-045-26962

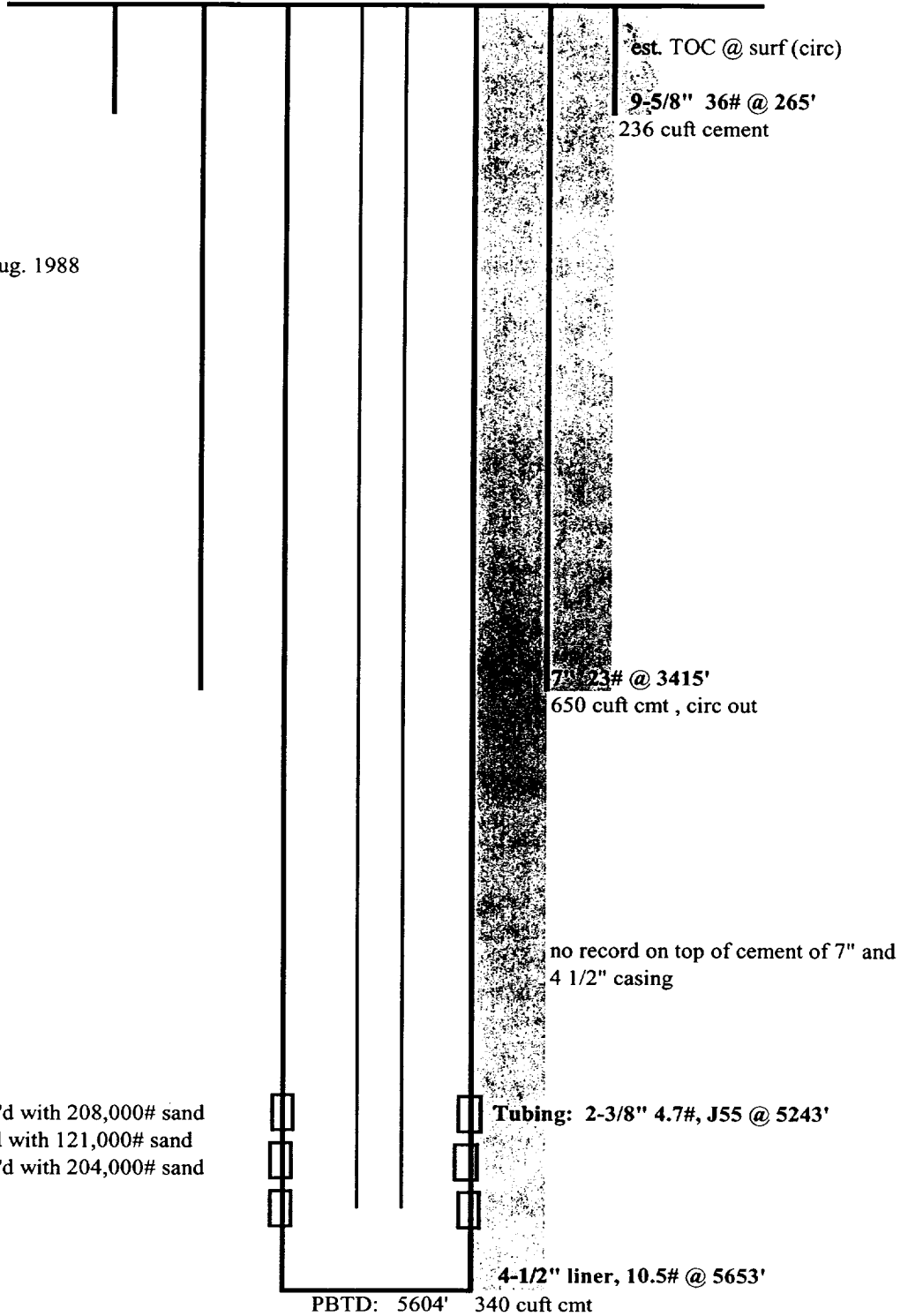
GL: 6274'

History:

Drilled and Completed in Aug. 1988

Original MV perforations

4534' - 4850' 202 shots, frac'd with 208,000# sand
4886' - 5126' 80 shots, frac'd with 121,000# sand
5204' - 5508' 248 shots, frac'd with 204,000# sand



TD: 5659'

updated: 12/03/01 az