

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.***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		5. Lease Serial No. NMSF - 076337
2. Name of Operator AMOCO PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 3092 HOUSTON, TX 77253		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700		8. Well Name and No. HEATH GAS COM C 1A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T30N R9W Mer SESW 1190FSL 850FWL		9. API Well No. 30-045-22761
		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"/> WRK
	<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 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 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 request permission to add additional pay in the subject well by perforating and fracing the Lewis Shale formation within the Mesaverde Pool as per the attached procedure.



14. I hereby certify that the foregoing is true and correct. Electronic Submission #6082 verified by the BLM Well Information System For AMOCO PRODUCTION COMPANY, sent to the Farmington Committed to AFMSS for processing by Lucy Bee on 08/06/2001 ()	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature	Date 07/31/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>/s/ Jim Lovato</u>	Title	SEP 14 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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Heath GC C 1A Well Work Procedure

API #: 30-045-22761

Sec 31, T30N, R9W

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 3840'.
5. TIH with tubing-set CIBP. Set CIBP at 3830'. Load hole with 2% KCL.
6. Pressure test casing to 2500 psi
7. RU Schlumberger. RIH with acoustic/neutron logs and log interval 3830' to 2748'.
8. Swab 3000' of fluid column in casing with the sandline.
9. RIH with 3-1/8" casing guns 2 SPF 180 deg phasing with Schlumberger's Prospector, select-fire charge. Perforate Lower Lewis formation (correlate to GR log).
10. Breakdown the perforations with acetic acid.
11. Perform slug test using Nitrogen.
12. RU frac equipment and install wellhead isolation tool. Use 2% KCL-N2 foam in fracture stimulation.
13. Frac the Lower Lewis according to pump schedule.
14. Flowback frac fluid.
15. RU WL unit and lubricator.
16. RIH and set CIBP between Lower Lewis and Upper Lewis at 3500'.
17. RIH with 3-1/8" casing guns 2 SPF 180 deg phasing with Schlumberger's Prospector, select-fire charge. Perforate Upper Lewis shale (correlate to GR log).
17. Breakdown the perforations with acetic acid.
18. Perform Slug test using nitrogen.

19. RU frac equipment and install wellhead isolation tool. Use 2% KCL-N2 foam in fracture stimulation.
20. Frac the Upper Lewis according to pump schedule.
21. Flowback frac fluid immediately.
22. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 3500' and 3840'. Clean out fill to PBSD. Blow well dry at PBSD.
23. Land 2-3/8" production tubing at 4640'.
24. Swab water from the tubing with the sandline.
25. ND BOP's. NU WH. Test well for air. Move rig out location.
26. Produce well for about 2 months to clean up perforations.

Flow Test Lewis Shale

27. MIRU workover rig. Pull out completion string.
28. TIH CIBP and set at 3840' to isolate perforations below Lewis.
29. TIH with 2 3/8" tubing and land at 3800'.
30. Move rig out location.
31. Return well to production and flow test Lewis for 3 months.

Return to Normal Operation

32. MIRU workover rig. Pull out completion string.
33. TIH with tubing and bit. Clean out bridge plug set at 3840'.
34. TIH with 2 3/8" tubing and land tubing at 4640' to commingle Lewis and original Mesaverde perforations. Return well to production.

HEATH GAS COM 'C' # 1A

Sec 31, T30N, R9W

API #: 30-045-22761

GL: 5756'

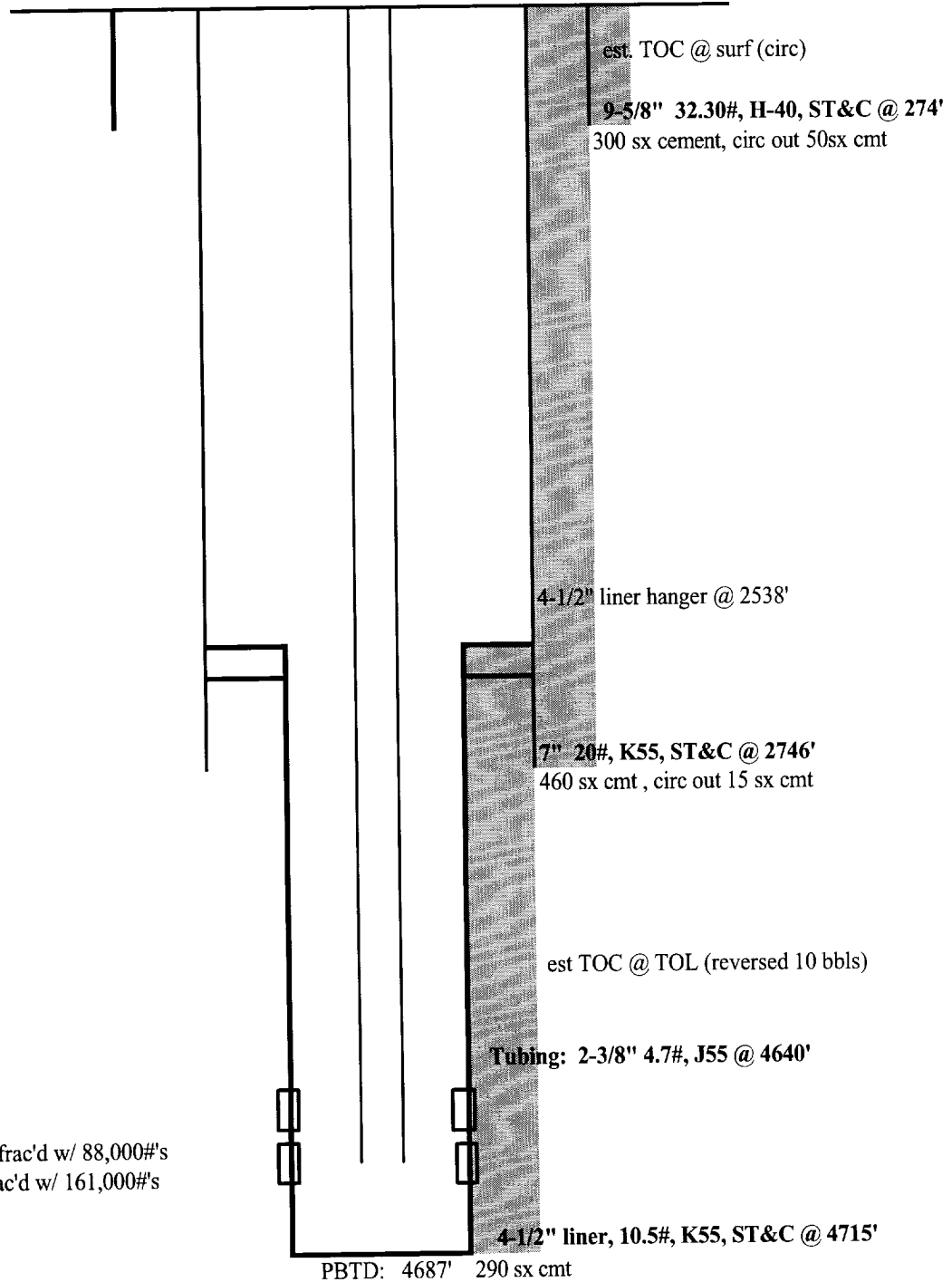
History:

Completed in Feb. 1978

Original MV perforations

3855' - 4128' 130 shots, frac'd w/ 88,000#'s

4205' - 4630' 80 shots, frac'd w/ 161,000#'s



updated: 7/2/01 az