

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 - 078385

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
 Oil Well Gas Well Other

8. Well Name and No.
THOMPSON LS 2A

2. Name of Operator
AMOCO PRODUCTION COMPANY
Contact: MARY CORLEY
E-Mail: corleyml@bp.com

9. API Well No.
30-045-22385

3a. Address
P.O. BOX 3092
HOUSTON, TX 77253
3b. Phone No. (include area code)
Ph: 281.366.4491
Fx: 281.366.0700

10. Field and Pool, or Exploratory
BLANCO MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 34 T30N R8W Mer NWNW 1130FNL 945FWL

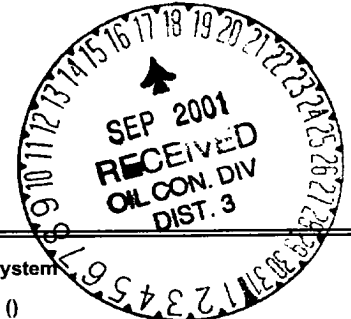
11. County or Parish, and State
SAN JUAN COUNTY, NM

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 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 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 #6080 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	Date SEP 11
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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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Thompson LS 2A Well Work Procedure

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 4775'.
5. TIH with tubing-set CIBP. Set CIBP at 4775'. Load hole with 2% KCL.
6. Pressure test casing to 2500 psi
7. RU Schlumberger. RIH with acoustic/neutron logs and log interval 4775' to 3536'.
8. RIH with 3-1/8" 2 SPF 180 deg phasing casing guns with Schlumberger's Prospector, select-fire charge. Perforate Cliff House Transition formation (correlate to GR log).
9. RU frac equipment and install wellhead isolation tool. Use 2% KCL-N2 foam in fracture stimulation.
10. Frac the Cliff House Transition according to pump schedule.
11. Immediately after frac job, RU WL unit and lubricator.
12. RIH and set CIBP between Cliff House Transition and Lewis at ~~4550'~~ ^{4550'}.
13. Swab 3000' of fluid column in casing with the sandline.
14. RIH with 3-1/8" casing guns 2 SPF 180 deg phasing with Schlumberger's Prospector, select-fire charge. Perforate Lewis shale (correlate to GR log).
15. Breakdown the perforation with acetic acid.
16. RU frac equipment and install wellhead isolation tool. Use 2% KCL-N2 foam in fracture stimulation.
17. Frac the Lewis shale according pump schedule.
18. Flowback frac fluid immediately.
19. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at ~~4775'~~ and ~~4550'~~ ^{4550'}. Clean out fill to PBTD. Blow well dry at PBTD.
20. Land 2-3/8" production tubing at 5730'.
21. Swab water from the tubing with the sandline.

22. ND BOP's. NU WH. Test well for air. Return well to production.

Thompson LS #2A

Sec 34, T30N, R8W

API#: 30-045-22385

GL: 6343'

History:

Completed in 10/77

6-1/4" OH gas drilled w/o problems

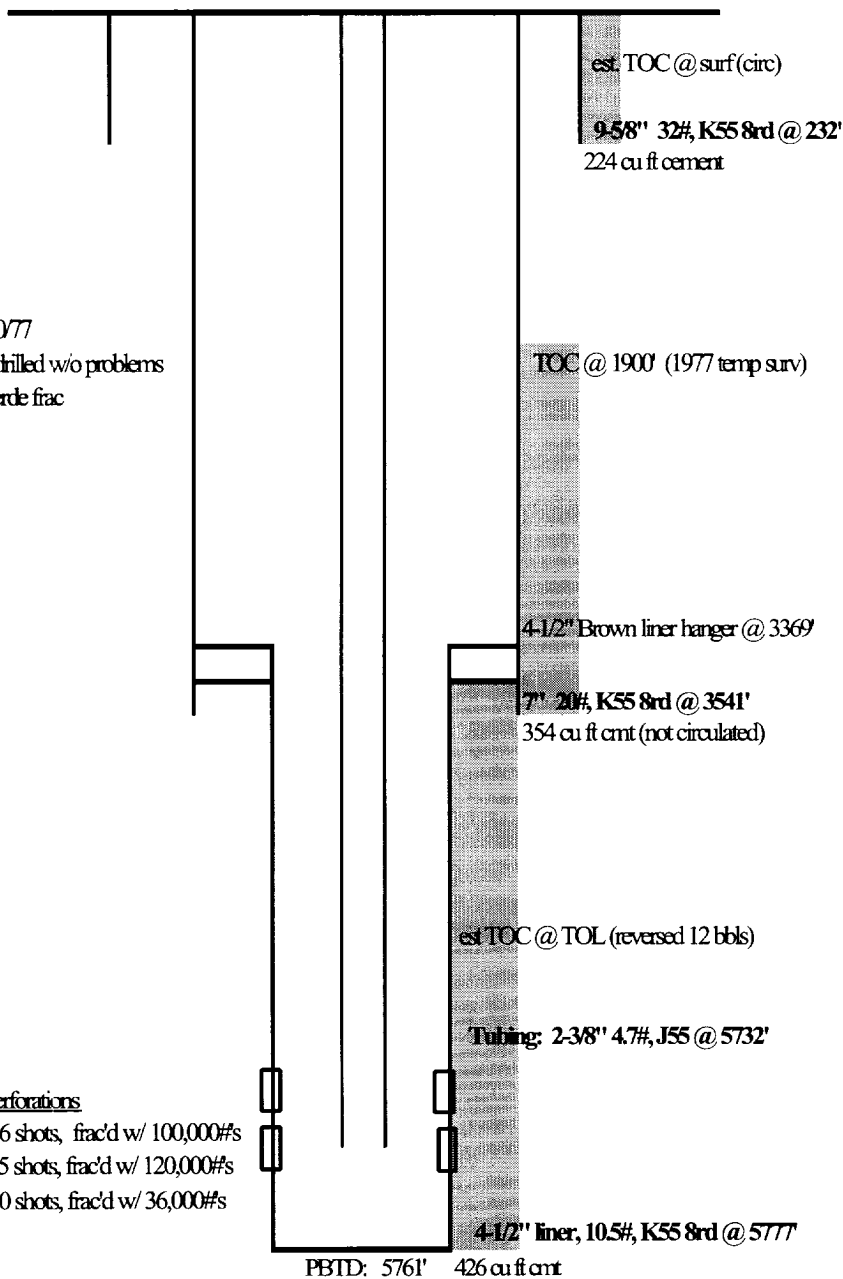
3 Stage Mesaverde frac

Original MV perforations

4701' - 5125' 16 shots, frac'd w/ 100,000#s

5180' - 5468' 15 shots, frac'd w/ 120,000#s

5523' - 5732' 10 shots, frac'd w/ 36,000#s



NOTES:

- 1) No 5" logs over Lewis Shale

updated: 6/1/01 jad