

(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

NMSF - 078387A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

KERNAGHAN B

4

9. API Well No.

3004510338

10. Field and Pool, or Exploratory Area

BLANCO MESAVERDE

11. County or Parish, State

SAN JUAN

NEW MEXICO

1. Type of Well

☐ Oil
☒ Gas Well
☐ Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Gail M. Jefferson

3. Address and Telephone No.

P.O. BOX 800 DENVER, COLORADO 80201

303-830-6157

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

1650 FNL

790 FEL

Sec. 30 T 31N R 8W

UNIT H

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

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Perf & Frac/Add Pay

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give markers and zones pertinent to this work.)*

subsurface locations and measured and true vertical depths for all

AMOCO PRODUCTION COMPANY REQUESTS PERMISSION TO PERF AND FRAC THIS WELL PER THE ATTACHED PROCEDURES.

IF YOU HAVE ANY TECHNICAL QUESTIONS PLEASE CONTACT MARK YAMASAKI AT (303) 830-5841 OR GAIL JEFFERSON FOR ANY ADMINISTRATIVE CONCERNS.

RECEIVED
MAY - 4 1998
OIL CON. DIV.
DIST. 3

I certify that the foregoing is true and correct

Signed

Gail M. Jefferson

Title

Sr. Admin. Staff Asst.

Date

04-17-1998

(This space for Federal or State office use)

Approved by

AS/ Duane W. Spencer

Title

Date

APR 30 1998

Title 18 U.S.C. Section 1001, makes 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.

* See Instructions on Reverse Side

NMOCD

Kernaghan B #4

TD = 5859' PBTD = 5837'

Page 2 of 2

1. Check anchors. MIRUSU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. Tag and Tally OH with 2.375" tubing.
6. TIH with CIBP set @ 5600'.
7. Spot Cement Plug over existing Cliff House perforations (5300-5304, 5316-5324) and squeeze.
8. Load Hole and Run CBL to find TOC(4 1/2" - 7" Annulus). Run Freepoint and back off 4 1/2" Casing and TOH.
9. TIH with 7" RBP Land at top of back off. Dump sand on top of RBP.
10. Load Hole and Run CBL to find TOC(7' - Hole). Shoot Squeeze holes.
11. Pump and circulate Bradenhead with dye. Cement Squeeze Bradenhead.
12. DO Cement.
13. TIH with 4 1/2" and make up 4 1/2". Pressure test 4 1/2" casing to 2000 psi.
NOTE: Above monies should go to DRA!
14. DO Cement to CIBP.
15. RU HES Wireline Unit and Packoff.
16. Log Mesa Verde interval with CBL/GR/CCL to insure zonal isolation across MV. Please fax logs to (303)830-5388.
17. Perforate the following interval select fire, 120 deg. phasing using 3 1/8" HSC ported guns (12.5 GM, .34" EHD. 13.13 TTP). Correlate with McCullough's GR log dated 5/16/65:
5217, 5302, 5315, 5324, 5384, 5396, 5407, 5414, 5447, 5451, 5460, 5498
5508, 5516, 5547, 5558
18. Fracture Stimulate down tubing according to schedule 'A'.
19. Flow test well reporting Gas and Water to Denver
20. DO CIBPs, CO to PBTD.
21. TIH with 2 3/8" land at 5776.
22. Put well on production and make money.

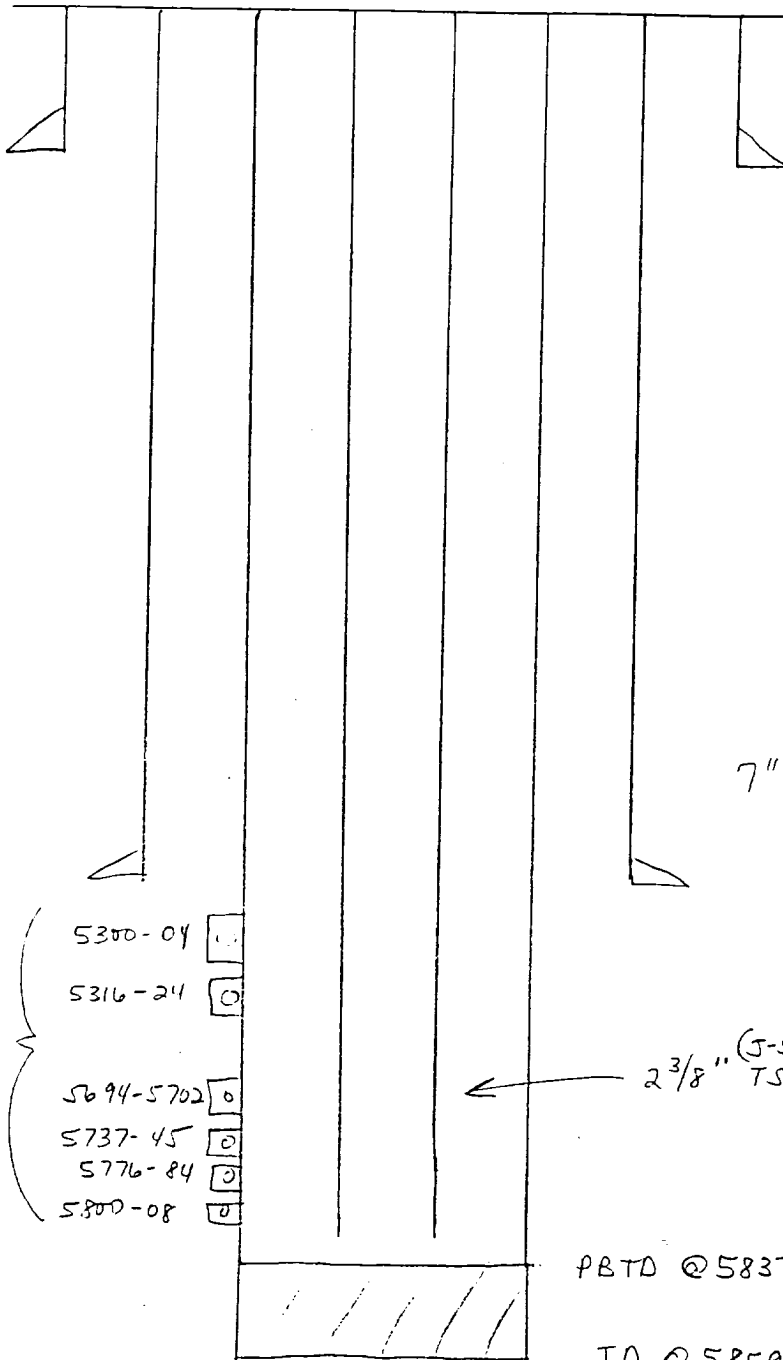
Amoco Production Company

ENGINEERING CHART

SUBJECT Kernaghan L4 (mv) 30-31-8
1650 FNL 790 FEL 3004510338

Sheet No. _____ of _____
 File _____
 Appn _____
 Date 6-2-97
 By _____

Tops:
 Ojo Alamo 2530'
 Kirtland 2627'
 Fruitland 3077'
 P.C. 3405'
 Lewis 3475'
 C.H. 5226'
 Menefee 5328'
 Pt. Lookout 5693'
 Mancos 5814'



5/17/65
 Frac'd w/
 70,000 gal water
 w/ 2# FR - 3/1000 gal
 75,000# 24/40 sand

tbg. set
 2' below
 all perms

* orig. compl. 1/53
 * worked over 5/65, perf'd + frac'd.
 * hole in tbg, replaced 3 jts. 11/75

6/75
 4/74 Pump Installation
 4/79 Removed pump