

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

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070 FARMINGTON, N.M.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. SF-078387-A	
2. Name of Operator AMOCO PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name	
Attention: Gail M. Jefferson		7. If Unit or CA, Agreement Designation	
3. Address and Telephone No. P.O. BOX 800 DENVER, COLORADO 80201 (303) 830-6157		8. Well Name and No. Kernaghan B #3	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 990' FNL 1650' FEL Sec. 29 T 31N R 8W UNIT B		9. API Well No. 3004510361	
		10. Field and Pool, or Exploratory Area Blanco Mesaverde	
		11. County or Parish, State SAN JUAN NEW MEXICO	

12. CHECK APPROPRIATE BOX(S) 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"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Pay Add Perf and Frac
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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 subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amoco Production Company requests permission to isolate and perf and frac the Menefee 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.

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APR 17 1998
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct:
Signed Gail M. Jefferson Title Sr. Admin. Staff Asst. Date 04-08-1998

(Federal or State office use)
Approved by /s/ Duane W. Spencer Title _____ Date APR 15 1998
Conditions of approval, if any: _____

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

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. TIH with Bit X Scraper to PBD.
6. RU HES Wireline Unit and Packoff.
7. Log Mesa Verde interval with CBL/GR/CCL to insure zonal isolation across MV. Please fax logs to (303)830-5388.
8. Perforate the following interval 120 deg. phasing using 3 1/8" HSC ported guns (12.5 GM, .34" EHD. 13.13 TTP, Select Fire). Correlate with Jet Tech's Radioactivity log dated 5/25/65:
5424, 5430, 5433, 5446, 5448, 5452, 5472, 5474, 5481, 5485, 5491, 5532, 5535, 5560, 5563, 5568, 5574
9. TIH with RBP. Set @ 5640'.
10. TIH with tapered Frac String (2 3/8" tubing across Cliffhouse, 2 7/8" to surface) X Packer. Pressure test RBP. Set packer @ 5400.
11. Break down and balloff perfs with 1.5 X's excess; 1.1 SG RCN balls.
12. TOOH with tbg x pkr.
13. Retrieve balls with WL junk basket. TIH x set packer @ 5400'.
14. Fracture Stimulate down tubing according to schedule 'A'.
15. Flow back immediately, until well logs off.
16. TOH with Frac String.
17. TIH with 2 3/8" land at 5730.
18. Put well on production and make money.

Amoco Production Company

ENGINEERING CHART

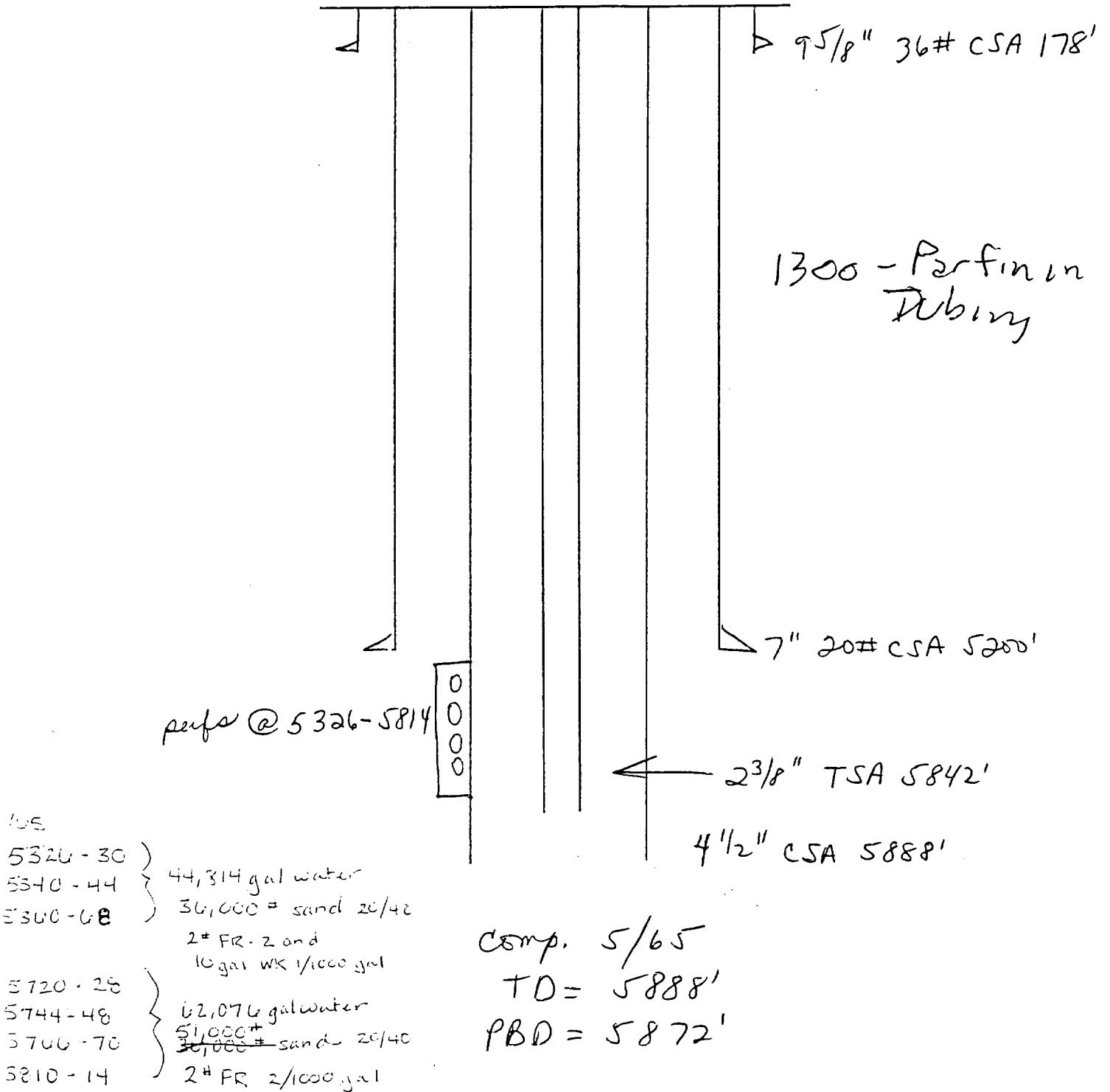
File _____

Appn _____

Date 1-22-98

By _____

SUBJECT Kernaghan B3 (mv)
Sec. 29-T31N-R8W



1300 - Parfin in Tubing

105
 5320-30 }
 5340-44 }
 5360-68 }
 5720-28 }
 5744-48 }
 5766-70 }
 5810-14 }

44,314 gal water
 36,000 = sand 20/40
 2# FR-2 and
 10 gal WK 1/1000 gal
 62,076 gal water
 51,000+
~~30,000~~ sand 20/40
 2# FR 2/1000 gal

Comp. 5/65
 TD = 5888'
 PBD = 5872'

11/75 Ran pump

History of thick paraffin usually from surface to ~2000'
 (Have cut in past to clean up)
 '84 -- Last time they pulled