

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

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. <b>SF-078329</b>	
2. Name of Operator <b>Amoco Production Company</b>		6. If Indian, Allottee or Tribe Name	
3. Address and Telephone No. <b>P.O. Box 800, Denver, Colorado 80201</b>		7. If Unit or CA, Agreement Designation	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>700' FNL 1600' FEL Sec. 32 T 28N R 9W Unit <i>AB</i></b>		8. Well Name and No. <b>Daum LS 6E</b>	
		9. API Well No. <b>3004526543</b>	
		10. Field and Pool, or Exploratory Area <b>Basin Dakota/Otero Chacra</b>	
		11. County or Parish, State <b>San Juan New Mexico</b>	

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"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other	<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 perform a workover and downhole commingle this well per the attached procedures.

If you have any technical questions please contact Stan Kolodize at (303) 830-4769.

**RECEIVED**  
OCT 10 1996  
**OIL CON. DIV.**  
DIST. 3

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

Signed *Pat Archuleta* Title \_\_\_\_\_ Clerk \_\_\_\_\_ Date **09-30-1996**

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ **APPROVED**  
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.

**NMOCD**

Downhole Commingling  
Daum LS 6E  
Run 33 - Area 1  
September 27, 1996

Procedure:

This workover should be done with a minimum of kill fluids used to control the well to prevent losing water to the formations and reducing the deliverability of the well. However, no undue risks should be taken in with regard to working the well safely.

1. Move in rig. Rig Up. Nipple up blowout preventer. Install blooie lines.
2. Run tubing choke in 1 1/4 in. tubing to minimize gas up tubing. Pull 1 1/4 in. tubing. Send 1 1/4 in tubing to the yard.
3. Run tubing choke in 2 3/8" Dakota tubing. (Baker Model D paker at 3587'. 107 joints of 2 3/8", a seating nipple. a spacing jt of 2 3/8" tubing and a saw tooth collar is hung below packer.) Pull Dakota tubing. Visually inspect tubing for defects. Replace defective joints as needed.
4. Pull Baker Model D Packer at 3587'. Send packer to yard if it can be repaired.
5. Run 7" bit and scraper to top of 4 1/2" liner at 3589'. Run 4 1/2" bit and scraper to PBTD at 6988' to clean out debris and fill.

NOTE: THE PERFORATING DEPTH CORRELATION LOG WAS MISCORRELATED DURING COMPLETION OF THE CHACRA SECTION. IT IS PROBABLE THAT THE CHACRA SECTION WAS PERFORATED IN THE WRONG INTERVALS. THIS STEP WILL REPERFORATE THE CHACRA USING THE DEPTHS RECORDED ON THE BLUEJET DEPTH CORRELATION LOG OF 12/21/85. SEE INCLUDED LOG SECTION FOR THE NEW CORRELATION OF THE ZONES TO BE PERFED.

6. Reperf the Chacra Horizon. Use a 3 1/8" casing gun, 2 JSPF, 120 degree phasing. Depths are those recorded on the 12/21/85 Depth Correlation Log(copy attached):

Chacra Perforations:	3389 - 3393'	9 shots
	3512 - 3515'	7 shots
	3519 - 3524'	11 shots
	Total	27 shots

7. Rerun Dakota tubing. Use tubing choke to minimize gas up tubing. Land tubing at approx 6960'.
7. Nipple down BOP. Hook up well to Dakota production equipment.
8. Retrieve tubing choke.

Downhole Commingling  
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9. Unload well with air unit of nitrogen. Swab well in if necessary. Record choke size and flowing casing and tubing pressures for subsequent report.

10. RDMO service unit. Return to production.

AUTHORIZATIONS

ENGINEER

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PRODUCTION FOREMAN

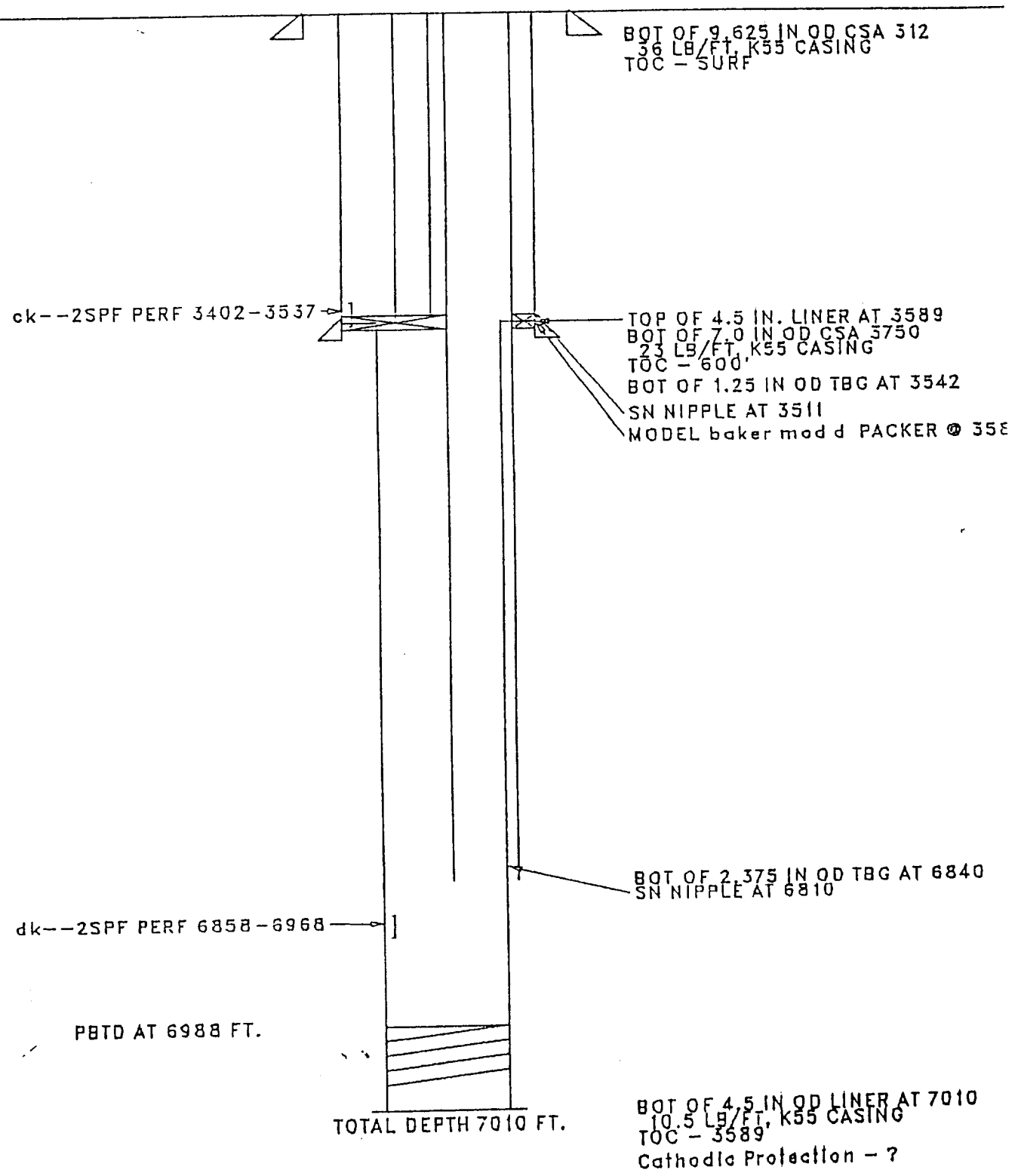
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WORKOVER FOREMAN

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(TE) DAUM LS 006E 2402  
Location - 32B-28N-9W  
DUAL dk-ck  
Orig. Completion - 01/86  
Last File Update - 1/89 by JSF

USA SF-078329



WELL NAME DAUM LS 6E  
HORIZON DRLD CHACRA/DAKOTA  
OJO ALAMO 1462 GE — MMS

SURFACE

220 sx (259 ft<sup>3</sup>) B + 2% CaCl<sub>2</sub> +  
1/4 #/sx Flocele  
PD @ 1:00 <sup>AM</sup>/~~PM~~ 11-29-85  
CEMENT TOP @ Surface (Circ'd 206bbls cmt)

INTERMEDIATE

235 sx (432 ft<sup>3</sup>) 65/35/6 + 2% CaCl<sub>2</sub> +  
1/4 #/sx Flocele  
100 sx (118 ft<sup>3</sup>) B + Same Additives  
PD @ 11:35 <sup>AM</sup>/~~PM~~ 12-3-85  
CEMENT TOP @ NA - none circ'd from DV  
220 sx (405 ft<sup>3</sup>) 65/35/6 + Same Additives  
50 sx (59 ft<sup>3</sup>) B + Same Additives  
PD @ 4:00 <sup>AM</sup>/~~PM~~ 12-3-85  
CEMENT TOP @ 600' by Temp. Survey

PRODUCTION

315 sx (580 ft<sup>3</sup>) 65/35/6 + .6% Halad 9  
100 sx (118 ft<sup>3</sup>) B +  
PD @ 7:15 <sup>AM</sup>/~~PM~~ 12-9-85  
CEMENT TOP @ NA - Recovered 15bbls  
chemical wash - no cement

TD @ 7010'

MIX 1 12 10-85