

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Amoco Production Company		8. FARM OR LEASE NAME Farnsworth A Federal	
3. ADDRESS OF OPERATOR P. O. Box 68, Hobbs, New Mexico 88240		9. WELL NO. 12	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 890' FNL X 890' FWL (Unit D, NW/4 NW/4)		10. FIELD AND POOL, OR WILDCAT Scarborough Yates Seven Rivers	
14. PERMITS NO.		11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA 18-26-37	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 2969' RDB		12. COUNTY OR PARISH Lea	13. STATE New Mexico

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(Other) Downhole Equipment/Casing Integrity Test (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)*

Propose to pressure test casing (Reference attached BLM requirement letter) then perforate and stimulate Yates horizon. The BLM, Hobbs office, will be notified 24 hours prior to pressure testing so they can witness. Our procedure is as follows:

1. Rig up Service Unit.
2. RIH with CIBP for 7" casing and set at ±2960'.
3. Pressure tst CIBP to 500 psi for 15 minutes.
4. Displace the hole with clean 2% KCL fresh.
5. RIH with 4" hollow carrier casing gun and perforate the following intervals with 4 JSPF using 90° phasing.

2743'-2763'	2833'-2849'
2771'-2775'	2884'-2888'
2789'-2807'	2907'-2911'
6. RIH with treating packer with bypass and seating nipple x 2-3/8", 4.7#, J-55 tubing string. Set packer at ±2700'.
7. Run a before treatment gamma ray temperature survey from PBTD at ±2960' up to ±2600'.
8. Swab down tubing and evaluate production.
9. Acidize Yates perforations with 5940 gals of 7-1/2% NEFE HCL and 660 gal of EGMBE (ethylene glycol monobutyl ether) as follows: Tag all acid with Iodine 131 radio active Material.

0+5-BLM, C 1-J. R. Barnett, HOU Rm. 21.156 1-F. J. Nash, HOU Rm. 4.206 1-GCC

I hereby certify that the foregoing is true and correct

SIGNED: J. R. Barnett TITLE: Administrative Supervisor DATE: 7-3-84

(This space for Federal or State office use)

APPROVED BY: P. E. TITLE: P. E. DATE: 8/2/84

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

- a. Release packer and drop down to 2910' x spot 6 bbls of acid and additives across perfs.
 - b. Pull up and reset packer at 2700'.
 - c. Acidize down tubing with remaining ± 151 bbls of acid and additives. Pump at 1-2 BPM maximum rate. Expected surface treating pressure is 1100 psi. Spot acid to packer with by pass and pump in 3 stages as follows:
 - Stage 1: Pump 1348 gals (32 bbls) of acid plus additives and tail in with 100 gals of 30# gelled brine containing 2 ppg (200#) of graded rock salt.
 - Stage 2: Pump 2500 gals (59.5 bbls) of acid and additives and tail in with 100 gals of 30# gelled brine containing 2 ppg (200#) graded rock salt.
 - Stage 3: Pump 2500 gals (59.5bbls) of acid plus additives.
10. Overflush acid to formation with 30 bbls of clean 2% KCL fresh.
 11. Run after treatment gamma ray temperature surveys.
 12. Swab back spent acid load and evaluate production.

RECEIVED

AUG - 8 1984

FIELD OFFICE