

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Amoco Production Company

3. ADDRESS OF OPERATOR  
P. O. Box 68, Hobbs, New Mexico 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980' FNL X 1650' FEL  
AT TOP PROD. INTERVAL: (Unit G, SW/4, NE/4)  
AT TOTAL DEPTH:

5. LEASE  
NM-10601

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Federal DI

9. WELL NO.  
1

10. FIELD OR WILDCAT NAME  
Und. Wolfcamp

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
27-20-33

12. COUNTY OR PARISH  
Lea

13. STATE  
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
3623.2

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input checked="" type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			

NOTE: Report results of multiple completion or zone change on Form 9-330.)

APR 22 1983  
NEW MEXICO

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 fracture stimulate Wolfcamp interval 11,728'-11,740' to maximize production per the following:

Move in and rig up service unit. Run base GR/Temp stimulation survey over interval 10,500'-12,500'. Install Tree Saver and pressure up on backside as necessary but do not exceed 3000 psi. Fracture stimulate Wolfcamp interval 11728'-11740' with 22,500 gal Low Residue polymer 40# crosslinked water based Frac fluid, 11000 gal CO2, and 38,750# 20/40 Ottawa Sand. Pump at 15 BPM. Max expected pressure is 7100 psi down 2-7/8" 6.5# N-80 tubing and 2-3/8" 6.5# N-80 tailpipe at 11,661'. Tag all sand with RA material. Frac in stages as follows:

1. 18000 gal total pad volume containing 2/3 Frac Fluid and 1/3 CO2 with .5#/100

Subsurface Safety Valve: Manu. and Type 0+6-BLM, R 1-HOU 1-F-Nash, HOU 1-CMH Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct  
SIGNED Peter W. Chester TITLE Ast. Adm. Analyst DATE 4-21-83

APPROVED PETER W. CHESTER  
(Orig. Sgd.) PETER W. CHESTER  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:  
**APR 25 1983**

gal Silica Flour.

2. 3000 gal total liquid volume containing 2/3 Frac Fluids and 1/3 CO2 with 1 ppg 20/40 sand. Tag sand with RA material.
3. 4000 gals total liquid volume containing 2/3 Frac Fluid and 1/3 CO2 with 2 ppg 20/40 sand. Tag all sand with RA material.
4. 4000 gal total liquid volume containing 2/3 Frac Fluid and 1/3 CO2 with 3 ppg 20/40 sand. Tag sand with RA material.
5. 4500 gal total liquid volume containing 2/3 Frac fluid and 1/3 CO2 with 3.5 ppg 20/40 sand. Tag all sand with RA material.
6. Flush with 45 bbls of brine water (gelled) with 938 gals CO2.

Shut-in well for 2 hr to allow gel to break and frac to heal. During 2 hr shut-in period, run GR/Temp. after treatment survey over interval 10,500'-12,500'. After 2 hr shut-in, open well and begin a slow controlled flowback to minimize sand return. If sand returns are excessive, shut-in well for 1 additional hr to allow more time for frac to heal. Swab back to recover load as necessary. Evaluate production.

APR 26 1983

C.C.D.  
HOBBS OFFICE