

c/ST

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Amoco Production Company

3. ADDRESS OF OPERATOR  
 P. O. Box 68, Hobbs, NM 88241

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 660' FSL X 2310' FWL, Unit N  
 At proposed prod. zone  
 Sec. 35, T-18-S, R-31-E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 15.9 miles Southeast of Loco Hills

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH  
 10638'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 3627.8' GR

22. APPROX. DATE WORK WILL START\*

RECEIVED BY  
 SEP 01 1983  
 O. C. D.  
 ARTESIA, OFFICE

BUREAU OF LAND MANAGEMENT  
 RECEIVED  
 JUL 23 1983  
 ROSWELL, NEW MEXICO  
 DIST. 6 N. M.

5. LEASE DESIGNATION AND SERIAL NO.  
 LC-029392 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Greenwood Pre-Grayburg  
 Unit Federal "B" Com

9. WELL NO.  
 1

10. FIELD AND POOL, OR WILDCAT  
 Und. Bone Springs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 35-18-31

12. COUNTY OR PARISH  
 Eddy

13. STATE  
 NM

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5#	795'	845 sx Class C
12-1/4"	9-5/8"	40#	4800'	1800 sx Howco Lite, 200 Cl C
8-3/4"	5-1/2"	17,20,23#	12000'	1500 sx Trinity Lite, 500 Cl H

Propose to abandon the Morrow and recomplete to the Bone Springs as follows:

Kill well with 2% KCl brine water. Pull 2-3/8" tubing. Set a cast iron bridge plug at 11400' and cap with 25 sacks class H neat cement. Spot a cement plug 10838'-10638' with 25 sacks class H neat cement. Circ. hole clean. Run gamma ray correlation log 9000'-7000'. Perforate Bone Springs intervals 7210'-20', 7230'-35', 7326'-30', and 7336'-44' with 4 DPJSPF. Run 2-3/8" tubing, packer, and 3 joints tailpipe. Set packer at apx. 7000'. Run base gamma ray-temp. survey 7100'-7500'. Acidize with 4000 gal 15% NEFE HCl acid with additives. Flush with 40 bbl. brine water. Run after treatment survey 7100'-7500'. Swab and flow test. Supplemental brief will follow pending evaluation of swab test.

0+5-BLM, R 1-R. E. Ogden, Hou 1-F. J. Nash, Hou 1-CLF

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Cathy L. Forman TITLE Asst. Admin. Analyst DATE 7-27-83

(This space for Federal or State office use)

PERMIT NO. APPROVED APPROVAL DATE \_\_\_\_\_

(ORIG. SGD.) DAVID R. GLASS

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, AMS 51 1983

MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>Amoco Production Company</b>		Lease <b>Greenwood Pre-Grayburg Ut. Fed B Com</b>		Well No. <b>1</b>
Unit Letter <b>N</b>	Section <b>35</b>	Township <b>18-S</b>	Range <b>31-E</b>	County <b>Eddy</b>

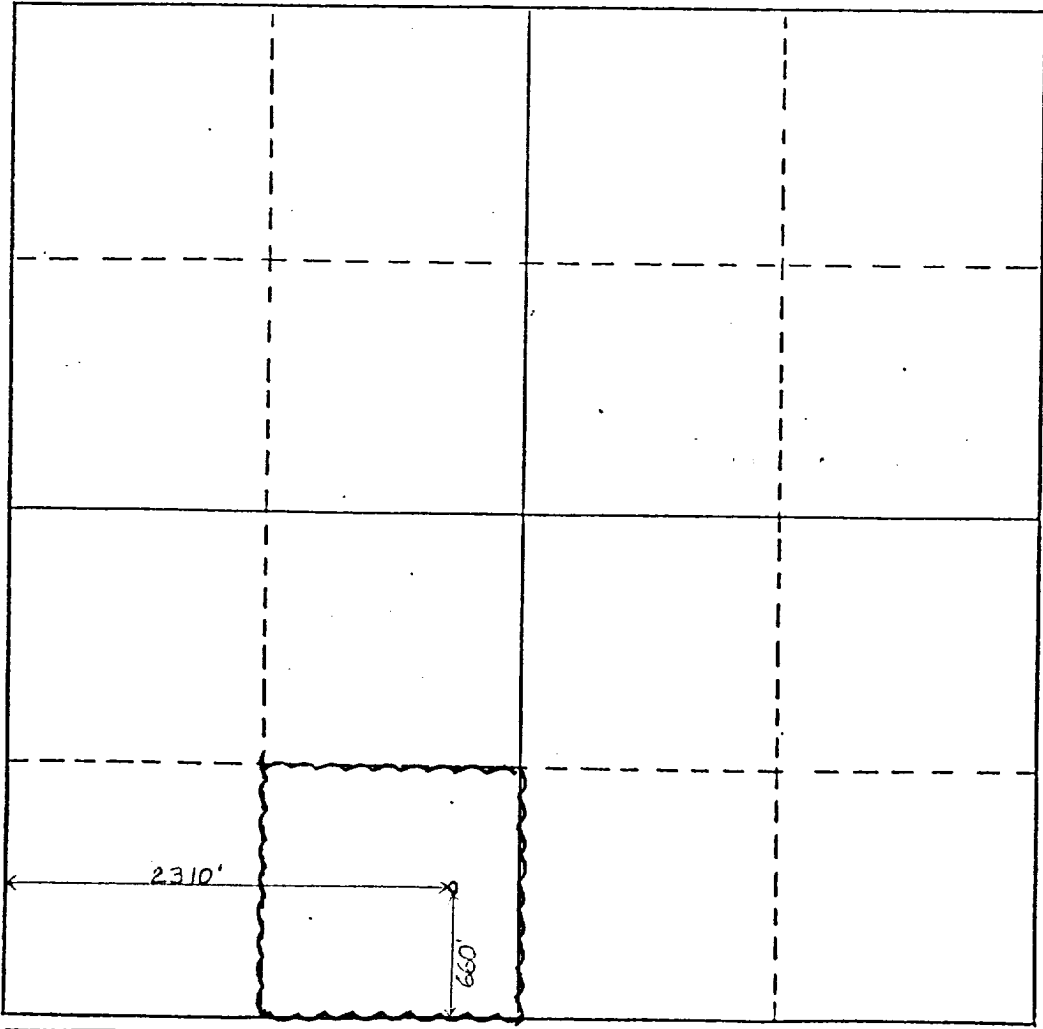
Actual Footage Location of Well:  
**660'** feet from the **South** line end **2310'** feet from the **West** line  
 Ground Level Elev. **3627.8'** Producing Formation **Bone Springs** Pool **Und. Bone Springs** Dedicated Acreage: **40** Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name *Cathy L. Arman*

Position **Asst. Admin. Analyst**

Company **Amoco Production Company**

Date **7-27-83**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed \_\_\_\_\_

Registered Professional Engineer and/or Land Surveyor \_\_\_\_\_

Certificate No. \_\_\_\_\_

