

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY(Other instructions on  
reverse side)30-025-27625  
5. LEASE DESIGNATION AND SERIAL NO.  
NM-17441

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

El Alto Grande

9. WELL NO.

1-Y

10. FIELD AND POOL, OR WILDCAT

Wildcat Devonian

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

19-22-34

12. COUNTY OR PARISH

Lea

13. STATE

NM

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 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface

1980' FNL X 1980' FWL, Sec. 19 (Unit F, SE/4, NW/4)

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approx. 38 miles west of Eunice, NM

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

320

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

19. PROPOSED DEPTH

15100'

20. ROTARY OR CABLE TOOLS

Rotary

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

3561.3' GL

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	133#	1870'	Circ. to surface
17-1/2"	13-3/8"	72#	4800'	Tie back to 20"
12-1/4"	9-5/8"	53.5#	11600'	Cement to 500' above Bone Spring
8-1/2"	7" liner	34.6#	11,100'-14100'	Circ. to 11100' (apx 7900')
5-7/8"	4-1/2" liner	14.9#	13,600'-15100'	Circ. to 13600'

Propose to drill and equip well in the Devonian formation. After reaching TD, logs will be run and evaluated. Will perforate and stimulate as necessary in attempting commercial production.

MUD PROGRAM: 0'-500' Native mud and fresh water  
500'-4800' Native mud and brine  
4800'-TD Commercial mud and brine with minimum properties for safe hole conditions. Will raise viscosity and reduce water loss prior to Devonian penetration.

Archaeological survey attached.  
Gas is not dedicated.

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. 0+6-USGS, R 1-Hou 1-Susp

1-W. Stafford, Hou

SIGNED

Mark Randolph

TITLE

Assist. Admin. Analyst

DATE

1-21-82

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

FEB 23 1982

JAMES A. GILLHAM  
DISTRICT SUPERVISOR

\*See Instructions On Reverse Side

TITLE

THE CONDITIONS OF APPROVAL FOR  
THE NO. 1 WELL ALSO APPLY TO THIS  
WELL.RECEIVED  
FEB 9 1982  
U.S. GEOLOGICAL SURVEY  
ROSWELL, N.M.

**RECEIVED**

**MAR - 5 1982**

**O.C.D.  
HOURS OFFICE**

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-17  
Supersedes O-12  
Effective 1-1-76

All distances must be from the outer boundaries of the Section

Operator <b>Amoco Production Co.</b>			Lease <b>El Alto Grande Unit</b>			Well No. <b>1-Y</b>		
Section <b>F</b>	Range <b>19</b>	Township <b>22 South</b>	Range <b>34 East</b>	County <b>Lea</b>				
Actual Final Location of Well: <b>1980</b> feet from the <b>NORTH</b> line and <b>2090</b> feet from the <b>WEST</b> line								
Ground Level Elev. <b>3561.3 3461.8</b>		Producing Formation <b>Devonian</b>			Foot <b>Wildcat Devonian</b>		Dedicated Acreage: <b>320</b>	

1. Outlining the acreage dedicated to the subject well by colored pencil or hatchure 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.

<b>Amoco</b> <b>NM-17441</b>	<b>Gulf</b> <b>NM-14334</b>
<b>Working Interest:</b> <b>Amoco 68.8917%</b> <b>Gulf 31.1083</b> <b>100.00%</b>	
<b>Royalty</b> <b>Goes to U. S. Government</b>	

CERTIFICATION

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

*Guy Mitchell*  
Admin. Analyst

Company  
**Amoco Production Company**

Date  
**10-16-81**

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  
**8-3-81**

Completed by  
*John W. West*

Certified by  
**JOHN W. WEST 676**  
**PATRICK A. ROMERO 676**  
**Ronald J. Eldred 676**

