

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		6. LEASE DESIGNATION AND SERIAL NO. SF-078502	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Coal Seam		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Amoco Production Company ATTN: J. L. Hampton		8. FARM OR LEASE NAME Vandewart "A"	
3. ADDRESS OF OPERATOR P. O. Box 800 Denver, Colorado 80201		9. WELL NO. #12	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1580' FNL, 1450' FEL, SW/NE At proposed prod. zone same		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal Gas	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 31 miles - Aztec, NM		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA G Sec. 11, T29N R8W	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT (Also to nearest drlg. unit line, if any) 1450'	16. NO. OF ACRES IN LEASE 1,840.00	17. NO. OF ACRES ASSIGNED TO THIS WELL 320 acres E/2	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 3254 TD	20. ROTARY OR CABLE TOOL Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6311' GR	This action is subject to technical and procedural review pursuant to 43 CFR 3185.3 and appeal pursuant to 43 CFR 3185.4.		22. APPROX. DATE WORK WILL START* As soon as permitted
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8"	24#	250'
7 7/8"	5 1/2"	17#	3254 (TD)
		QUANTITY OF CEMENT	
		250 cf (cement to surface)	
		911 cf (cement to surface)	

Notice of Staking was submitted: 5/15/90

Lease Description:

T29N-R8W:

Sec. 11: All  
Sec. 13: W/2, S/2NE/4, SE/4  
Sec. 14: E/2  
Sec. 24: E/2

RECEIVED  
JUL 25 1990  
OIL CON. DIV  
DIST. 3

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 J.L. Hampton J.L. Hampton  
TITLE Staff Admin. Supv. DATE 6/26/90

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

NMOCD

APPROVED  
AS AMENDED  
JUL 20 1990  
AREA MANAGER

\*See Instructions On Reverse Side

Submit to Appropriate District Office  
 State Lease - 4 copies  
 Fee Lease - 3 copies

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-102  
 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088  
 Santa Fe, New Mexico 87504-2088

DISTRICT I  
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
 1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

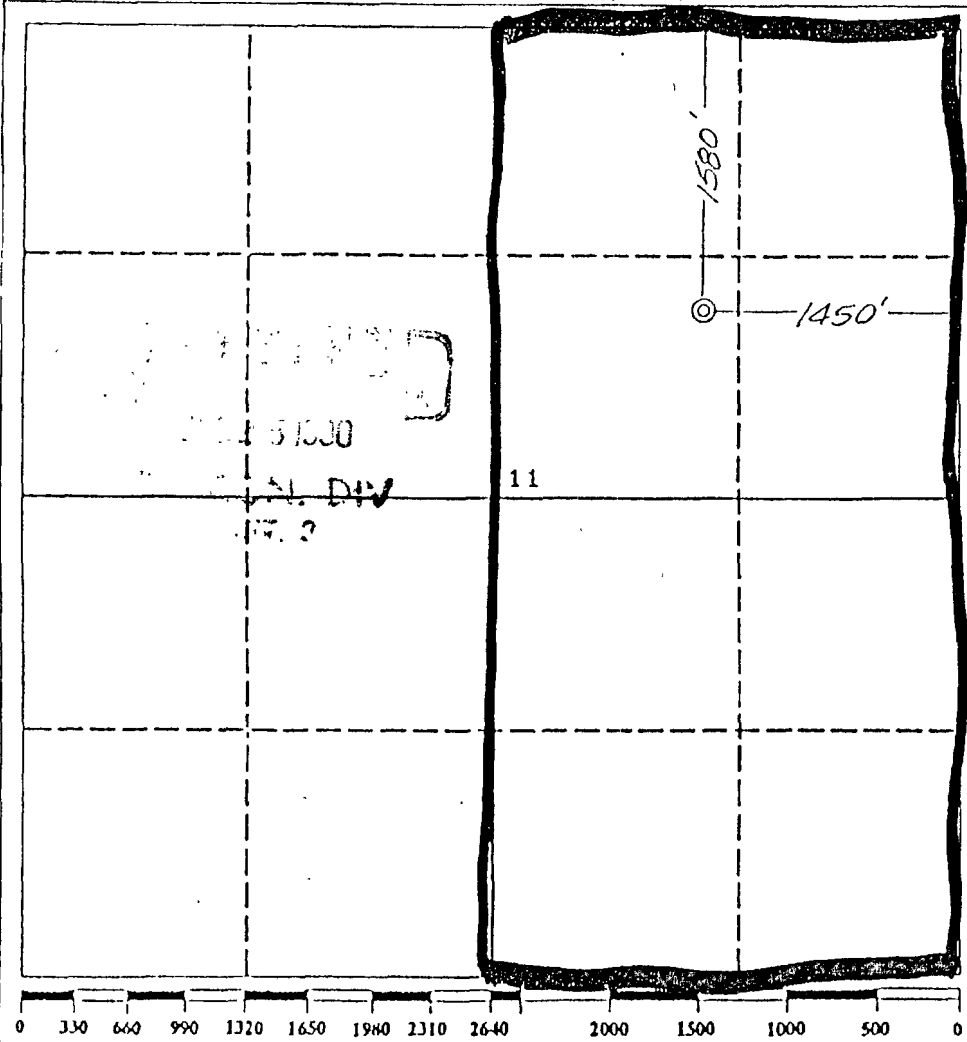
All Distances must be from the outer boundaries of the section

Operator <b>AMOCO PRODUCTION COMPANY</b>		Lease <b>VANDEWART /A/</b>		Well No. <b># 12</b>
Unit Letter <b>G</b>	Section <b>11</b>	Township <b>29 NORTH</b>	Range <b>B WEST</b>	County <b>SAN JUAN</b>

Actual Footage Location of Well:  
 1580 feet from the NORTH line and 1450 feet from the EAST line

Ground level Elev. <b>6311</b>	Producing Formation <b>Fruitland Coal</b>	Pool <b>Basin Fruitland Coal Gas</b>	Dedicated Acreage <b>5/2 320.00 Acres</b>
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- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
  - Yes  No If answer is "yes" type of consolidation \_\_\_\_\_
  - 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 interest, has been approved by the Division.



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

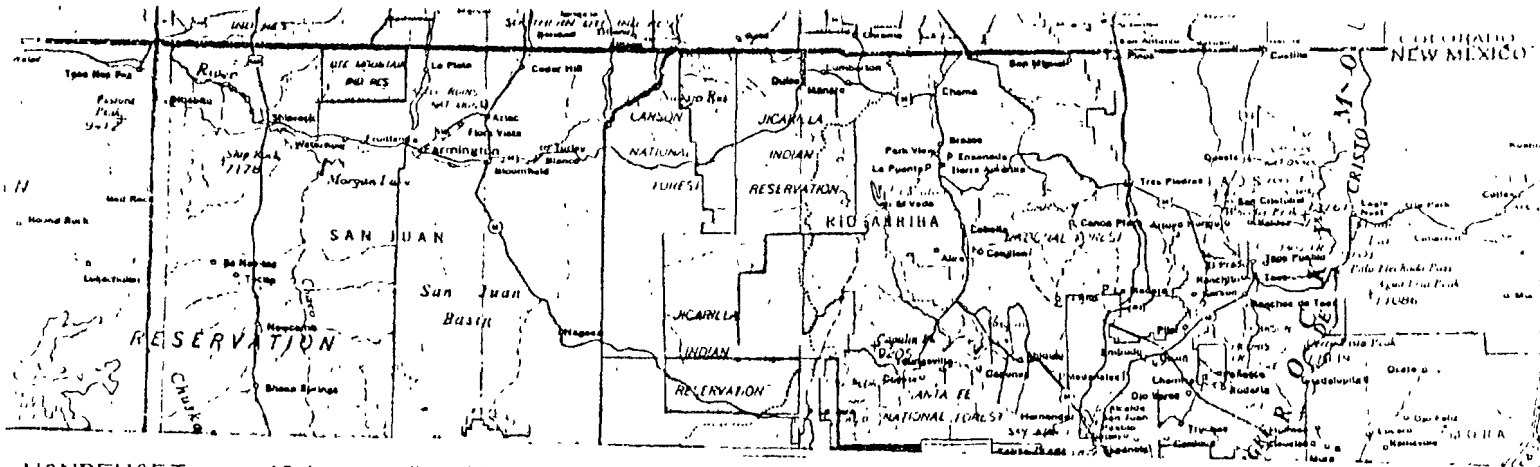
Signature: *JL Hampton/ceb*  
 Printed Name: **JL Hampton**  
 Position: **Sr Staff Admin Supt**  
 Company: **Amoco Prod**  
 Date: **5-15-90**

**SURVEYOR CERTIFICATION**  
 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: **May 7, 1990**

Signature & Seal of Professional Surveyor: **GARY D. VANN**

Gary D. Vann  
 Registered Professional Land Surveyor  
 7016



VANDEWART 1A/ # 12  
 1580' F/NL 1450' F/EL  
 SEC. 11, T29N, RBW, NMPM  
 RAIL POINT: 173 miles - Montrose, Co.  
 MUD POINT: 31 miles - Aztec, NM  
 CEMENT POINT: 35 miles - Farmington, NM.

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