

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-078097	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Coal Seam SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Amoco Production Company ATTN: J. L. Hampton			8. FARM OR LEASE NAME Heaton "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 2030 FSL, 970 FWL, NW/SW At proposed prod. zone Same			10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal Gas	
11. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 miles - Aztec, NM			11. SEC., T., R., M., OR N.E. AND SURVEY OR AREA Sec. 28, T31N R11W	
12. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 970'			12. COUNTY OR PARISH San Juan	
13. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			13. STATE NM	
14. NO. OF ACRES IN LEASE 2,475.61			14. NO. OF ACRES ASSIGNED TO THIS WELL 320 acres W/2	
15. PROPOSED DEPTH 2654' TD			15. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATION (Show whether DF, RT, GR, etc.) 5912' GR			22. APPROX. DATE WORK WILL START* As soon as permitted	
23. PROPOSED CASING AND CEMENTING PROGRAM This action is subject to technical and procedural review pursuant to 43 CFR 3185.3 and 43 CFR 3185.4				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITIES OF CEMENT
12 1/4"	8 5/8"	24#	250'	250 cf (cement to surface)
7 7/8"	5 1/2"	17#	2654' (TD)	743 cf (cement to surface)

Notice of Staking was submitted: 6/28/90

Lease Description:

T31N-R11W:

- Sec. 25: NE/4 SW/4, N/2 SE/4
- Sec. 27: N/2 NW/4, W/2 SW/4, SE/4 SW/4
- Sec. 28: All
- Sec. 29: N/2, SE/4
- Sec. 30: NE/4, E/2 NW/4, NE/4 SW/4, NW/4 SE/4
- Sec. 31: E/2 SW/4, SE/4
- Sec. 32: W/2 NE/4, SW/4 SW/4, NW/4 SE/4

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. J. L. Hampton		
SIGNED <i>J. L. Hampton/cab</i>	TITLE Sr. Staff Admin. Supv.	DATE 7/6/90
(This space for Federal or State office use)		
PERMIT NO.	APPROVAL DATE	
APPROVED BY <i>6/6</i> TITLE DATE JUL 30 1990		
CONDITIONS OF APPROVAL, IF ANY:		

RECEIVED

AUG 3 1990

OIL CON. DIV.
DIST. 3

FOR 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

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

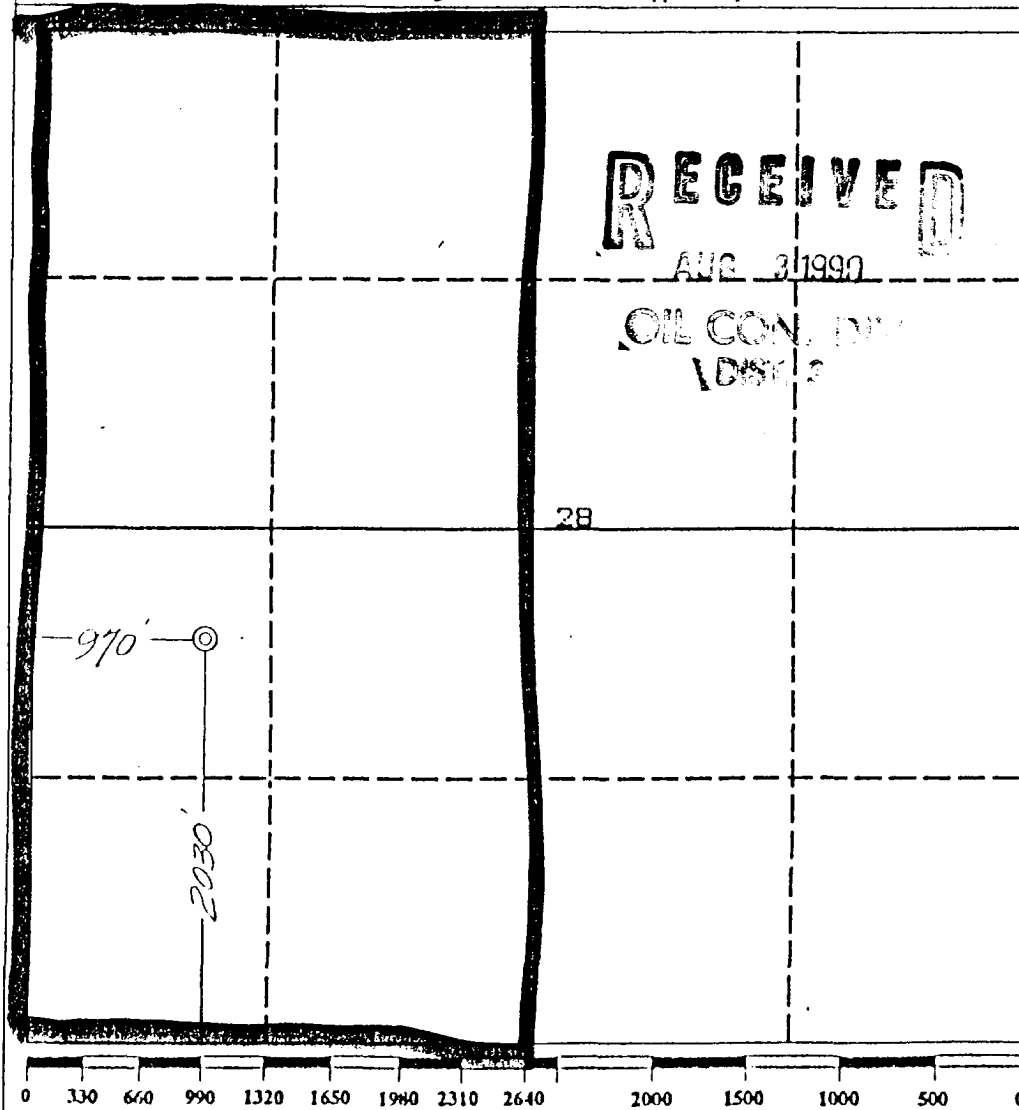
All Distances must be from the outer boundaries of the section

Operator AMOCO PRODUCTION COMPANY			Lease HEATON /A/		Well No. # 12
Unit Letter L	Section 28	Township 31 NORTH	Range 11 WEST	County NMPM SAN JUAN	

Actual Footage Location of Well:

2030 feet from the SOUTH line and		970 feet from the WEST line	
Ground level Elev. 5912	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal Gas	Dedicated Acreage W/2 320.00 Acres

- 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 *[Signature]*
Printed Name **JL Hampton**
Position **Sr Staff Admin Supr**
Company **Amoco Prod**
Date **6-8-90**

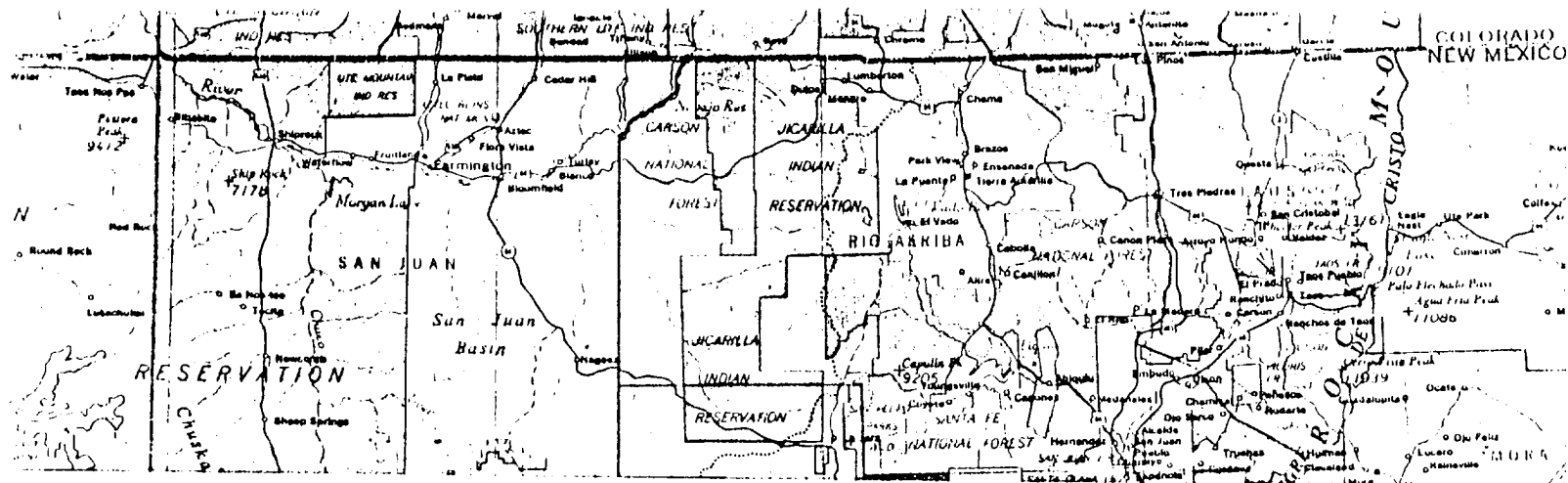
SURVEYOR CERTIFICATION

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 31, 1990

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

NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
7016
Gary Vann
Certification No. **7016**



HEATON 1A/ # 12
 2030' F/SL 970' F/WL
 SEC. 28, T31N, R11W, NMPM
 RAIL POINT: 149 miles - Montrose, Co.
 MUD POINT: 6 miles - Aztec, NM
 CEMENT POINT: 20 miles - Farmington, NM

