

UNITED STATES  
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. SF-078497-A		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Amoco Production Company <i>✓ 778</i>			7. UNIT AGREEMENT NAME		
3. ADDRESS AND TELEPHONE NO. P.O. Box 800, Denver, Colorado 80201			8. FARM OR LEASE NAME, WELL NO. San Juan 28-7 Unit <i>1013 31A ✓</i>		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 679FNL 1340FWL At proposed prod. zone			9. API WELL NO. <i>30-039-25341</i>		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 36 miles from Aztec, N.M.			10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde <i>72319</i>		
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 844.40	17. NO. OF ACRES ASSIGNED TO THIS WELL 320 W/2 <i>✓</i>		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 5601' TD	20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR., etc.) 6267' GR This action is subject to technical and procedural review pursuant to 43 CFR 3105.3 and appeal pursuant to 43 CFR 3109.4			22. APPROX. DATE WORK WILL START*		
23. PROPOSED CASING AND CEMENTING PROGRAM SUBJECT TO COMPLIANCE WITH ATTACHED GENERAL REQUIREMENTS					
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
12 1/4"	9 5/8" J-55	36#	400'	282cf CI B W/2% CaCl <sub>2</sub> (Cement to surface)	
8 3/4"	7" J-55	23#	3170'	1049cf CI B (Cement to surface)	
6 1/4"	4 1/2" N-80	11.6#	5601'	621cf CI B 50/50poz (Cement to surface)	

Notice of Staking was submitted: 7/30/93

Lease Description: T28N-R7W:

Sec. 09: Lots 1,2,3,4, S/2 S/2 (all)  
Sec: 18: Lots 1,2,3,4, E/2 SW/4  
Sec 20: W/2

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NOV 12 1993  
OIL CON. DIV.  
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Julie L. Acevedo TITLE Sr. Staff Assistant DATE 10-04-1993

(This space for Federal or State office use)

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

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

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

APPROVED  
AS AMENDED

NOV 19 1993

DISTRICT MANAGER

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

Form C-102  
Revised 1-1-89

RECEIVED  
BLM

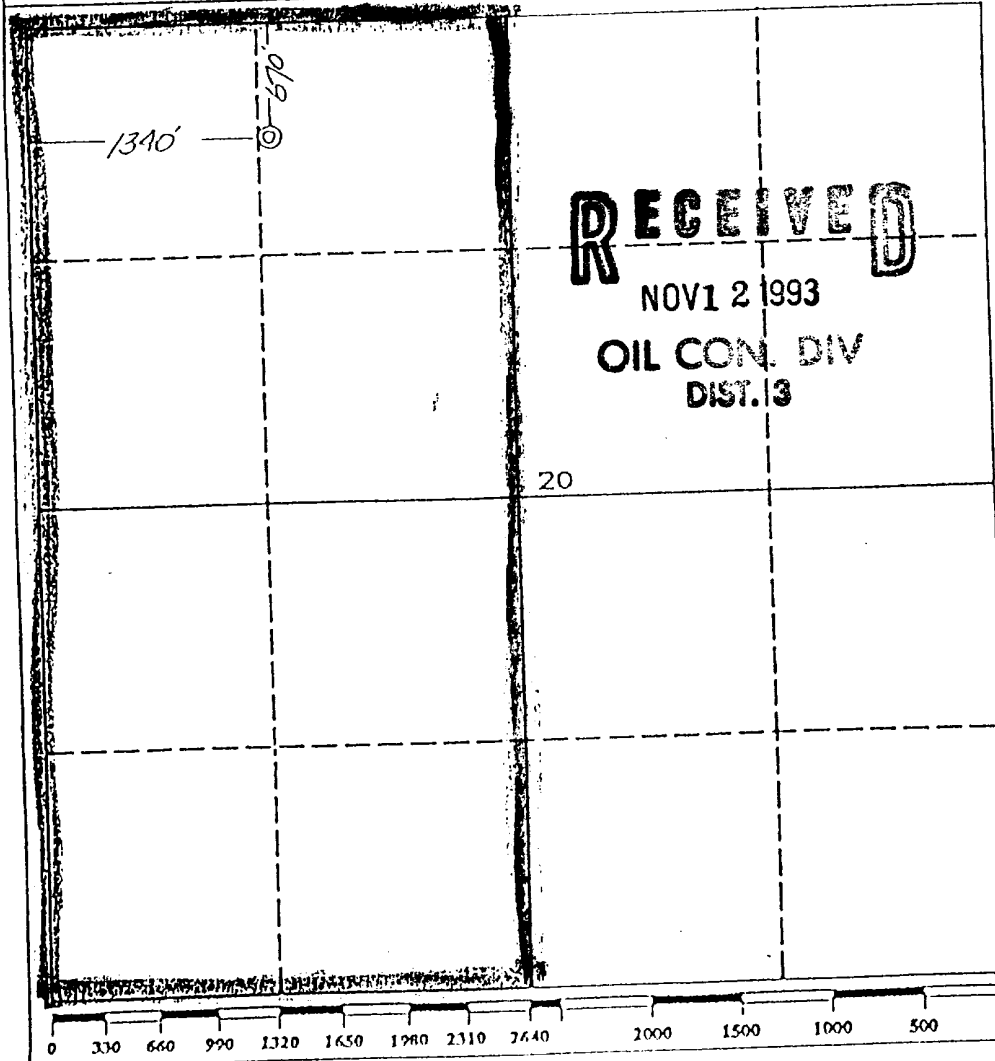
83-007-5 AM 10:25

070 TOWN OF SAN JUAN, NM

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>San Juan 28-7 Unit</b>		Well No. <b>31A</b>
Unit Letter <b>C</b>	Section <b>20</b>	Township <b>28 NORTH</b>	Range <b>7 WEST</b>	County <b>NMNM</b>	<b>RIO ARRIBA</b>
Actual Footage Location of Well: <b>670</b> feet from the <b>NORTH</b> line and <b>1340</b> feet from the <b>WEST</b> line					
Ground level Elev. <b>6267</b>	Producing Formation <b>Blanco Mesaverde</b>	Pool <b>Blanco Mesaverde</b>	Dedicated Acreage: <b>320</b> <b>1/2</b> 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.

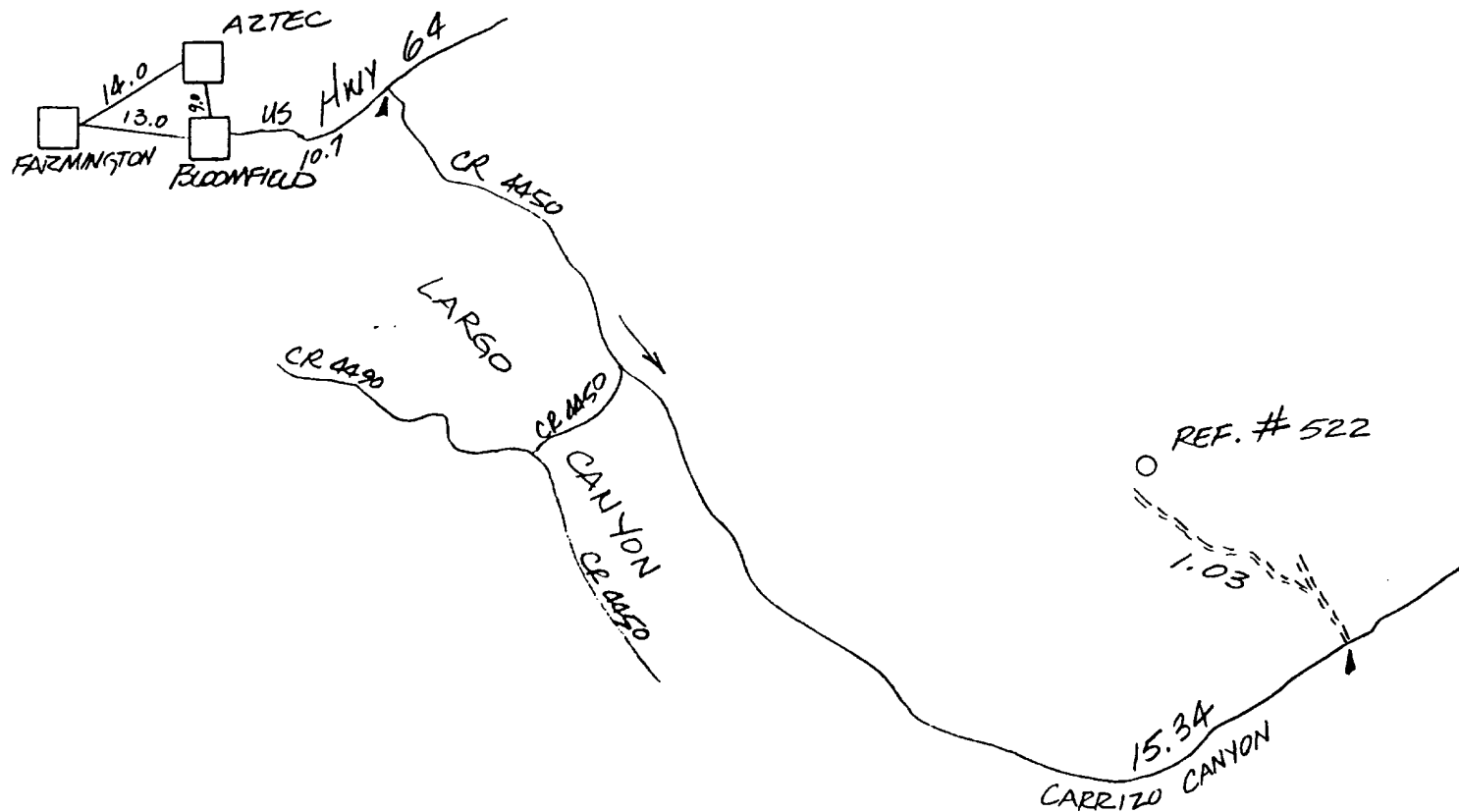
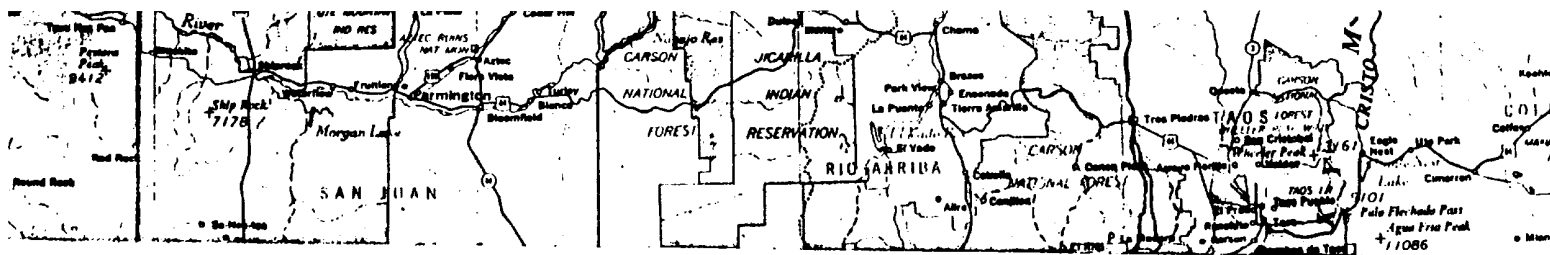
Signature  
*Kelly Stearns*  
Printed Name  
**Kelly Stearns**  
Position  
**Asst. Business Analyst**  
Company  
**Amoco Production Co.**  
Date  
**7-30-93**

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  
**July 19, 1993**

Signature & Seal of  
Professional Surveyor  
**GARY D. VANN**  
**7016**  
Gary  
Certification  
**7016**



REF. # 522

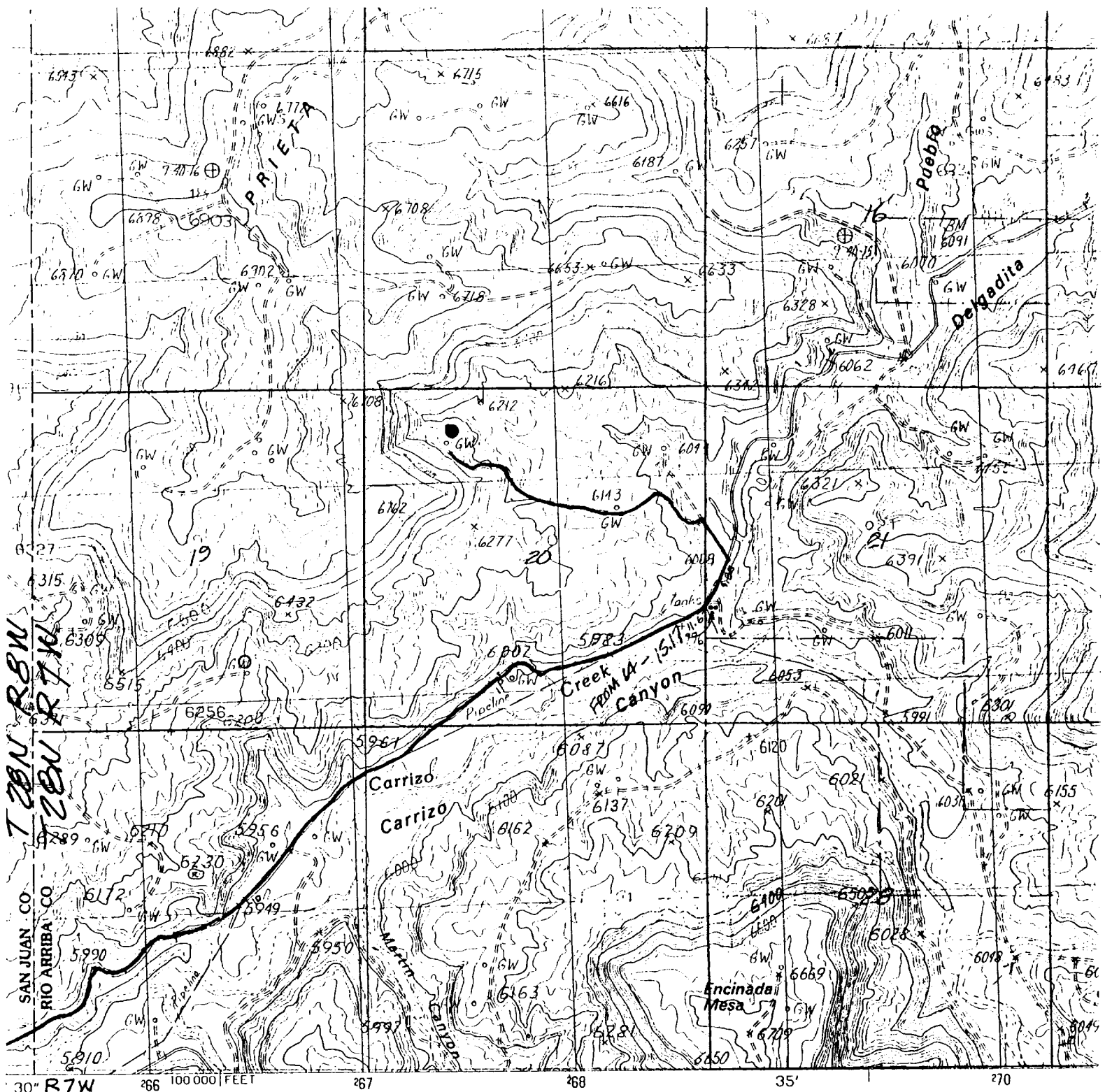
670' F/NL 1340' F/WL

SEC. 20, T28N, R7W, NMPM

RAIL POINT: 179 miles from Montrose, Co.

MUD POINT: 36 miles from Aztec, NM

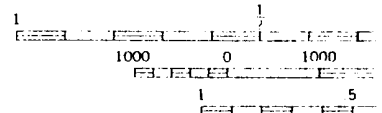
CEMENT POINT: 40 miles from Farmington n.m.



30° 30' N  
 108° 30' W  
 BY THE UNITED STATES GEOLOGICAL SURVEY  
 USGS, NOS/NOAA  
 AERIAL PHOTOGRAPHS TAKEN 1977  
 MAP EDITED 1981  
 TRANSVERSE M  
 TER UNIVERSAL TRANSVERSE MERCATOR  
 DOT STATE GRID TICKS NEW MEXICO, AND WE  
 LINATION  
 NORTH DECLINATION  
 NATIONAL GEODETIC VERTICAL DATUM  
 DATUM 1927 NORTH AMERICA  
 n the predicted North American Datum  
 projection lines as shown by dashed corn  
 rth and 55 meters east)  
 be private inholdings within the boundaries of any  
 State Reservations shown on this map

BLM ROW APPLICATION  
 AMOCO PRODUCTION COMPANY  
 REF. # 522  
 NW1/4 SEC. 20, T28N, R7W, NMPM  
 RIO ARRIBA COUNTY, NM  
 NO ROW NEEDED  
 SEE AMOCO DELGADITA MESA QUAD

mation shown as of date of  
 field check.



CONT

THIS MAP COMPLIES  
 FOR SALE BY U.S. GE