

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-28627

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 Coal Seam SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Amoco Production Company ✓ ATTN: J. L. Hampton

3. ADDRESS OF OPERATOR
P. O. Box 800 Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1470' FSL, 1570' FWL NE/SW
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
5 Miles- Aztec, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)
1470'

16. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
2677' TD

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5897' ✓ GR

23. This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and applicable BLM case law.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	250'	250 cf (cement to surface)
7 7/8"	5 1/2"	17#	2677' (TD)	750 cf (cement to surface)

Original APD expired 8/3/91

Notice of Staking was submitted: 6/1/90

Lease Description:

T31N-R11W

Sec. 8: E/2

Sec. 9: All

Sec. 14: S/2 SE/4

Sec. 17: E/2

Sec. 20: Lots 1-6, N/2 NE/4 (E/2)

Sec. 21: Lots 1-16, (All)

Sec. 23: W/2 NE/4, E/2 NW/4, NE/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 J. L. Hampton TITLE Sr. Staff Admin. Supv. DATE 10/14/91
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE
CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

OCT 23 1991
AREA MANAGER

NMOCD

*See Instructions On Reverse Side

RECEIVED
JAN 10 1964
U.S. AIR FORCE
OFFICE OF THE
JOINT CHIEFS OF STAFF
WASHINGTON, D.C.

AS AMENDED
APPROVED

10-1-64

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

RECEIVED
BLM

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

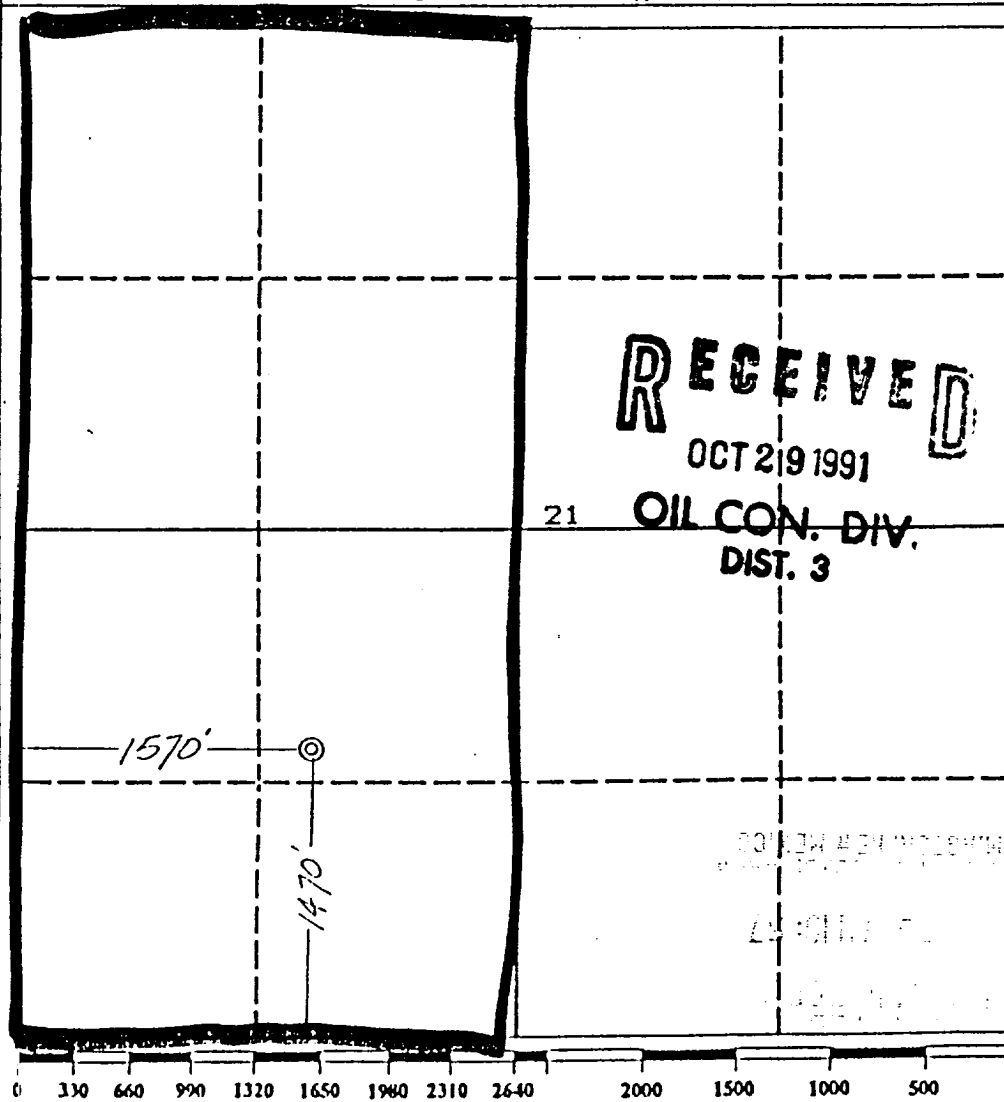
All Distances must be from the outer boundaries of the section

Operator AMOCO PRODUCTION COMPANY			Lease MUDGE /B/		Well No. # 62
Unit Letter K	Section 21	Township 31 NORTH	Range 11 WEST	County NMPM	SAN JUAN

Actual Footage Location of Well:

1470 feet from the SOUTH line and		1570 feet from the WEST line	
Ground level Elev. 5897	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal Gas	Dedicated Acreage W/2 304.41 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 communization, 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 communization, 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.

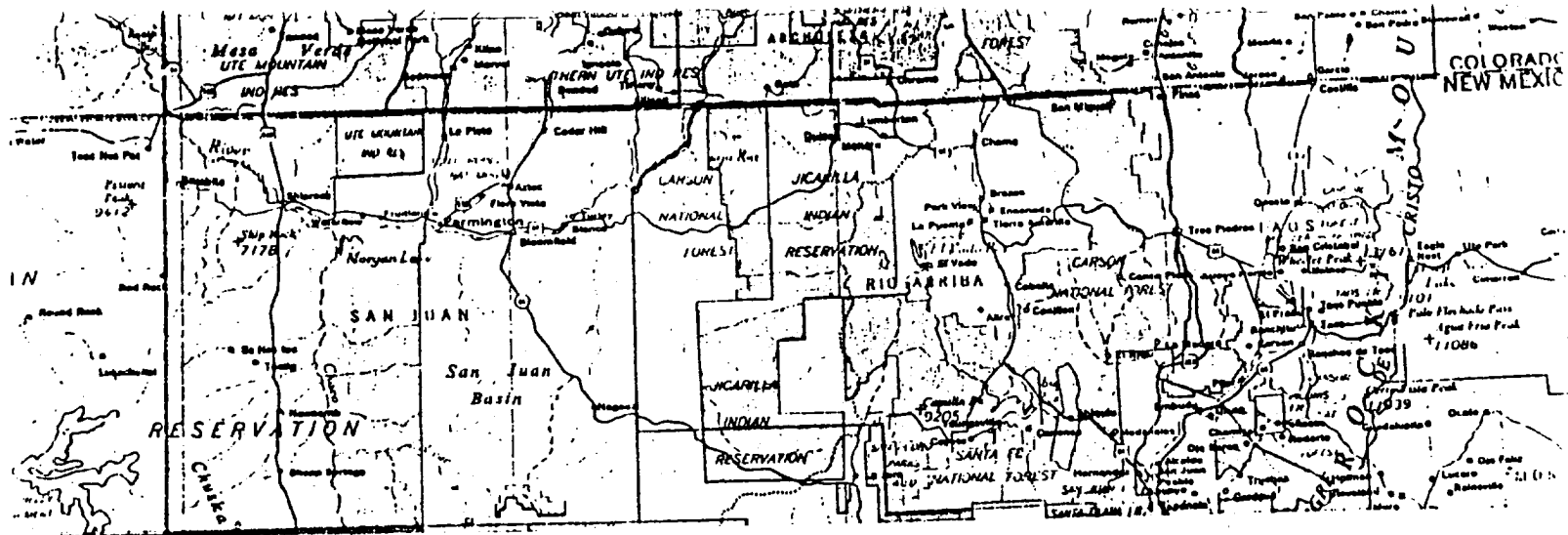
Signature *JL Hampton*
Printed Name **JL Hampton**
Position **Sr Staff Admin Supr**
Company **Amoco Prod.**
Date **6-1-90**

SURVEYOR CERTIFICATION

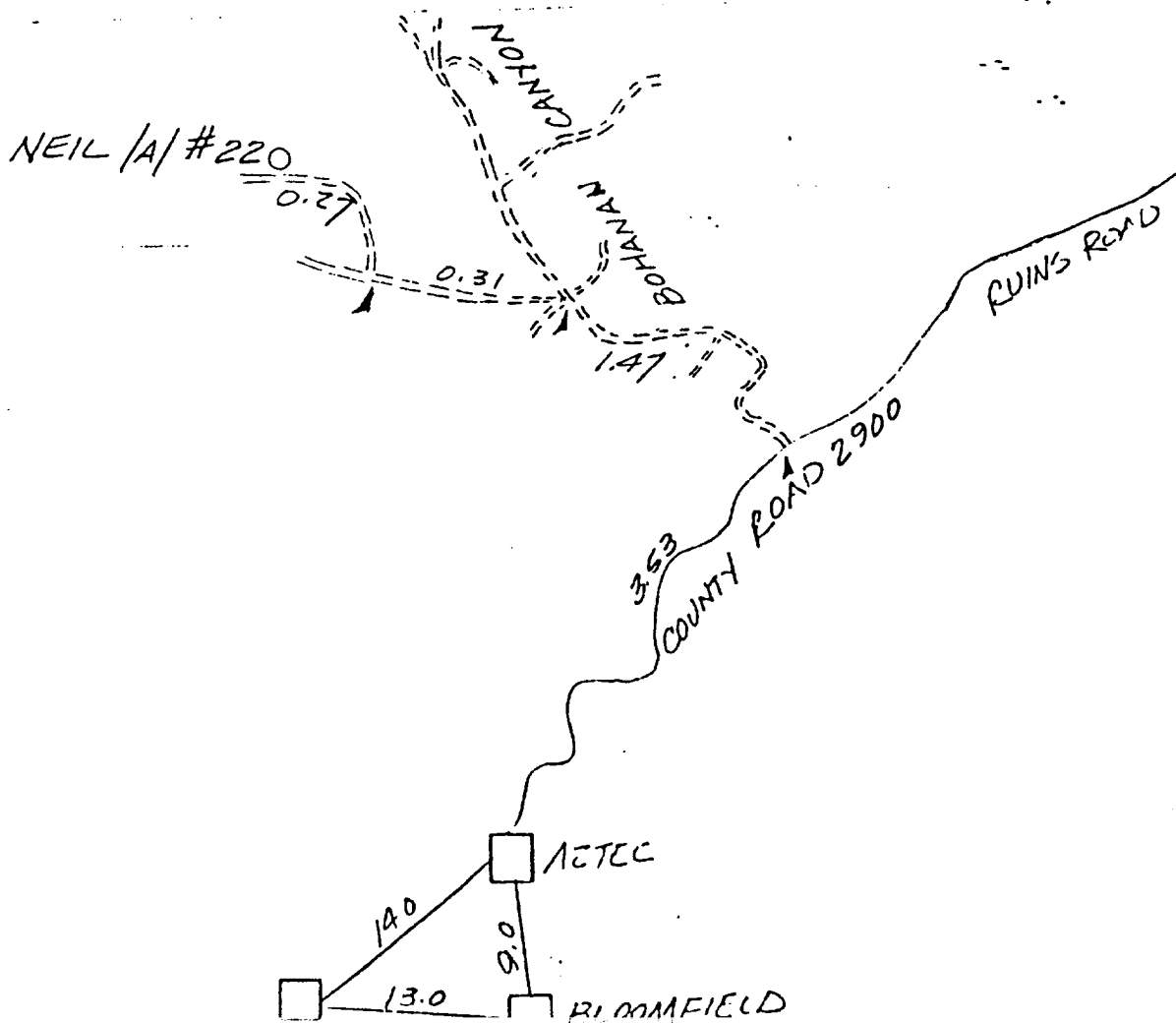
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

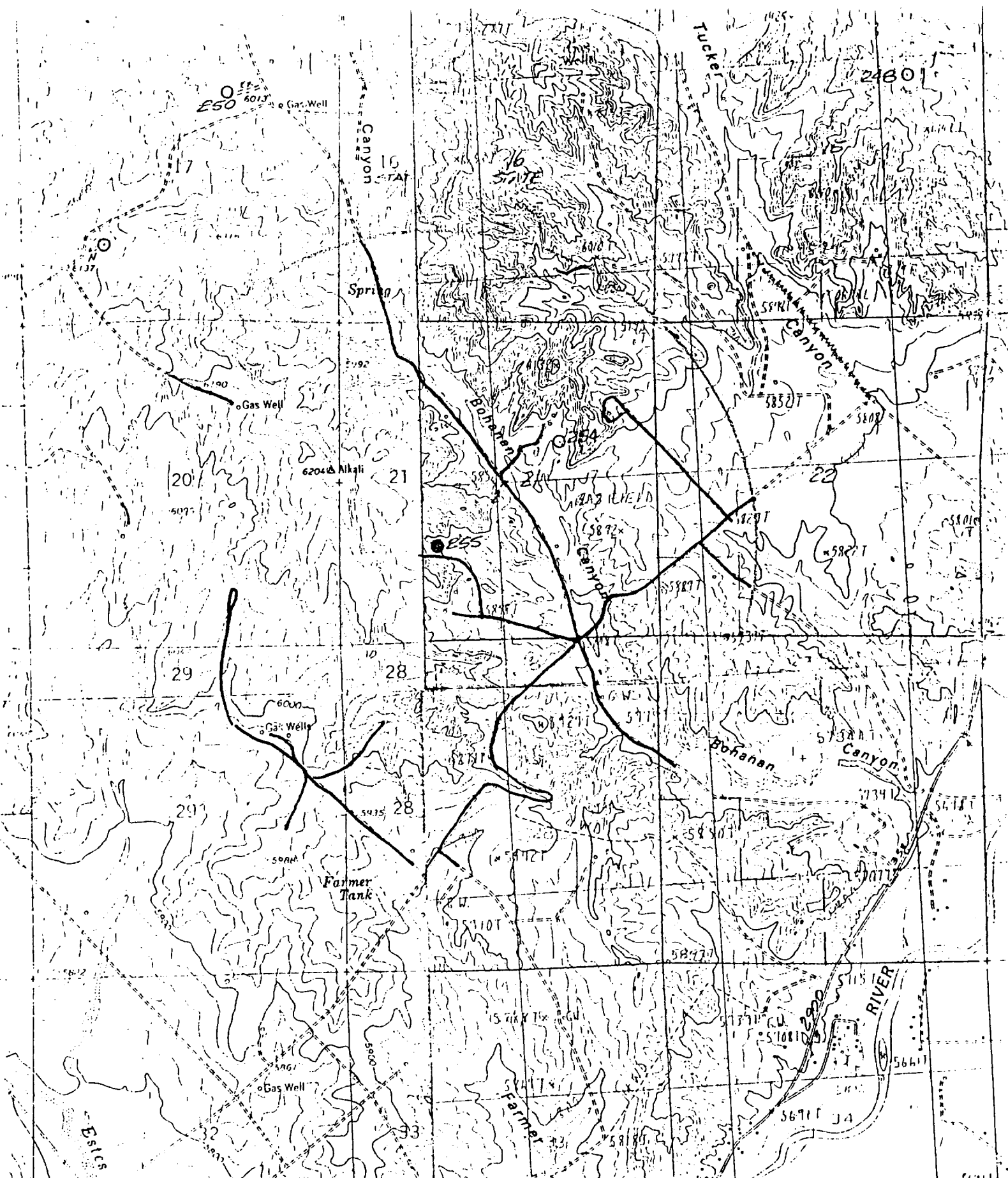
Date Surveyed
May 24, 1990

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



MUDGE /B/ # 62
 1470' F/SL 1570' F/WL
 SEC. 21, T31N, R11W, NMMP
 RAIL POINT: 149 miles - Montrose, Co.
 MUD POINT: 6 miles - Aztec, NM
 CEMENT POINT: 20 miles - Farmington, NM





AMOCO PRODUCTION COMPANY
MUDGE /B/ # 62
1470' F/SL 1570' F/WL
SEC. 21, T31N, R11W, NMPM
SAN JUAN COUNTY, NEW MEXICO

— NEW ROAD

--- EXISTING ROADS