

Submit to Appropriate District Office
 State Lease -- 6 copies
 Fee Lease -- 5 copies

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-101
 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

API NO. (assigned by OCD on New Wells)
30-045-27842

5. Indicate Type of Lease
 STATE FEE

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:
 DRILL RE-ENTER 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, Co. 80201

4. Well Location
 Unit Letter G : 1400' Feet From The North Line and 1720' Feet From The East Line
 Section 7 Township 31N Range 10W NMPM San Juan County

7. Lease Name or Unit Agreement Name
 Hutchin Gas Unit "B"

8. Well No.
 #1

9. Pool name or Wildcat
 Basin Fruitland Coal Gas

10. Proposed Depth
 2809' (TD)

11. Formation
 Fruitland Coal

12. Rotary or C.T.
 Rotary

13. Elevations (Show whether DF, RT, GR, etc.)
 5827' GR

14. Kind & Status Plug. Bond
 State-wide

15. Drilling Contractor
 unknown

16. Approx. Date Work will start
 As soon as permitted

17. PROPOSED CASING AND CEMENT PROGRAM E/320

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	250'	250 cf (cement to surface)	
7 7/8"	5 1/2"	17#	2809' (TD)	787 cf (cement to surface)	

APPROVAL EXPIRES 12-5-90
 UNLESS DRILLING IS COMMENCED.
 SPUD NOTICE MUST BE SUBMITTED
 WITHIN 10 DAYS.

RECEIVED
 JUN 5 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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE J.L. Hampton / JCB TITLE Sr. Staff Admin. Supv. DATE 6/4/90
 (303)
 TYPE OR PRINT NAME: J.L. Hampton TELEPHONE NO. 830-5119

(This space for State Use)

APPROVED BY [Signature] TITLE ADVISOR DISTRICT 3 DATE JUN 05 1990
 CONDITIONS OF APPROVAL, IF ANY:

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

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-107
 Revised 1-80
RECEIVED

JUN 5 1990

**OIL CON. DIV
 DIST. 3**

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

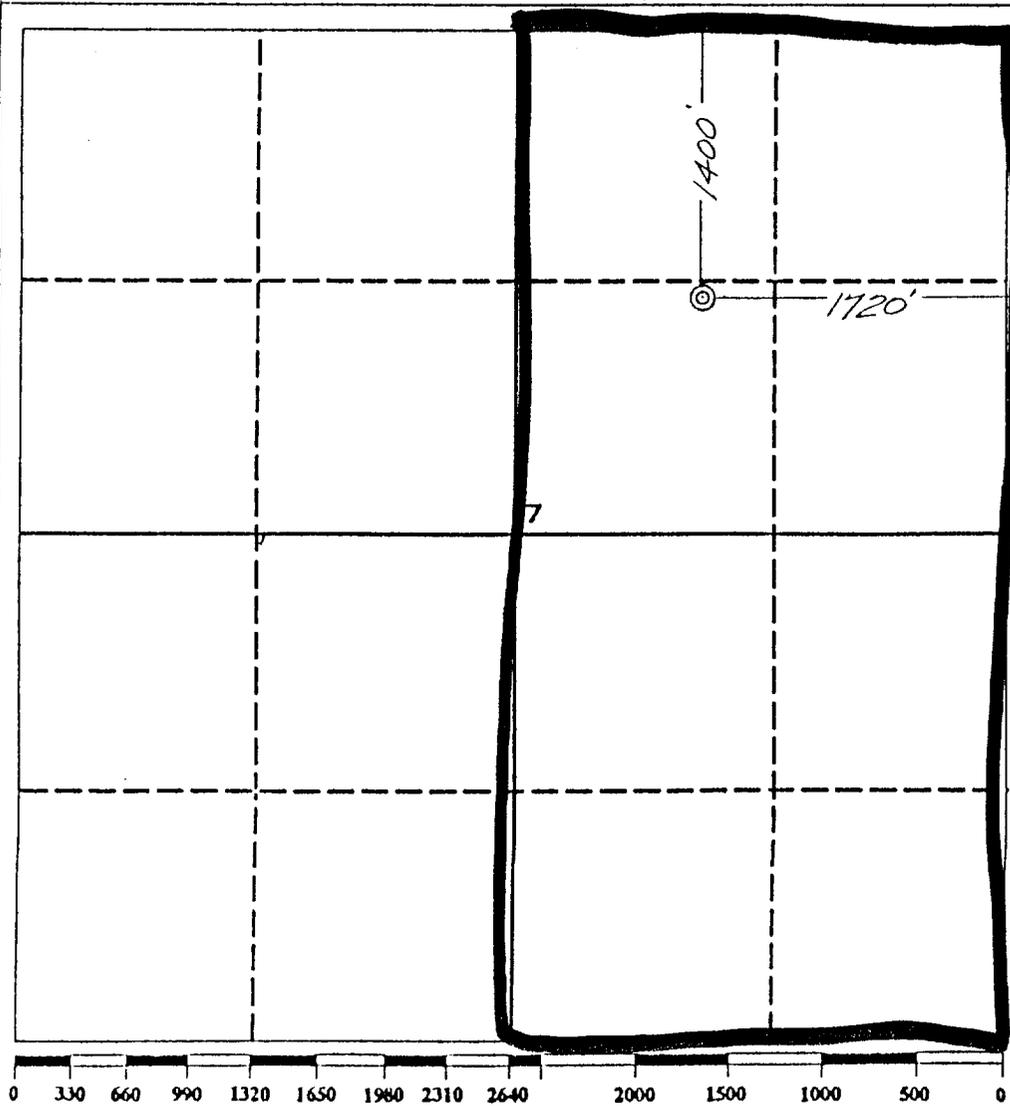
All Distances must be from the outer boundaries of the section

Operator AMOCO PRODUCTION COMPANY			Lease HUTCHIN GAS UNIT /B/		Well No. # 1
Unit Letter G	Section 7	Township 31 NORTH	Range 10 WEST	County SAN JUAN	

Actual Footage Location of Well:
1400 feet from the **NORTH** line and **1720** feet from the **EAST** line

Ground level Elev. 5827	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal Gas	Dedicated Acreage: E/2 320. 67 ACRES
-----------------------------------	--	---	--

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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.



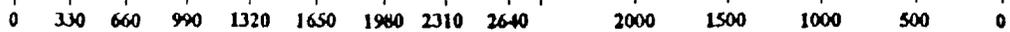
OPERATOR CERTIFICATION
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *JL Hampton*
 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: **March 22, 1990**

Signature & Seal of Professional Surveyor
 Gary D. Vann
 Registered Professional Land Surveyor
 7016



Amoco proposes to drill the well to further develop the Fruitland Coal reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to the total depth with a non-dispersed mud system. The attached modified 12" 3000 psi blowout preventer will be used (please see attached BOP information). The well will be completed in the Fruitland Coal with a fracture stimulation.

Quantity	Size	Weight	Description	Cementing Program
<u>SURFACE CASING</u>				
250'	8-5/8"	24#	K55 ST&C	250 cf Class B, 2% CaCl ₂ 15.6 ppg
<u>INTERMEDIATE STRING</u>				
2809	5.5"	17#	K55 ST&C	787 cf Class B, 65:35:6 10% salt, .25% dispersant 13.1 ppg 118 cf Class B, 2% CaCl ₂ 15.6 ppg

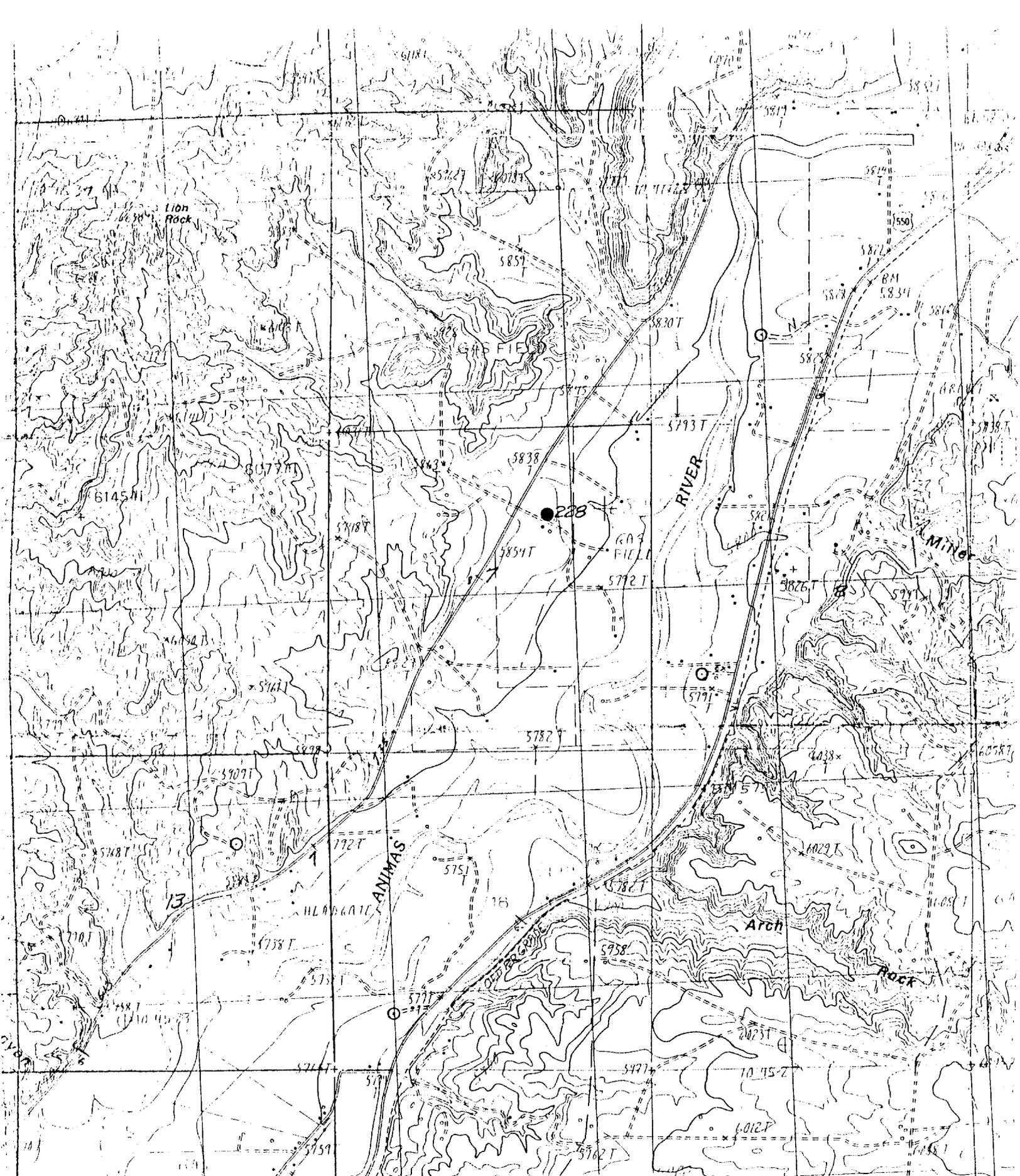
The above casing design is based upon a 11.0#/gal mud weight.

EVALUATION

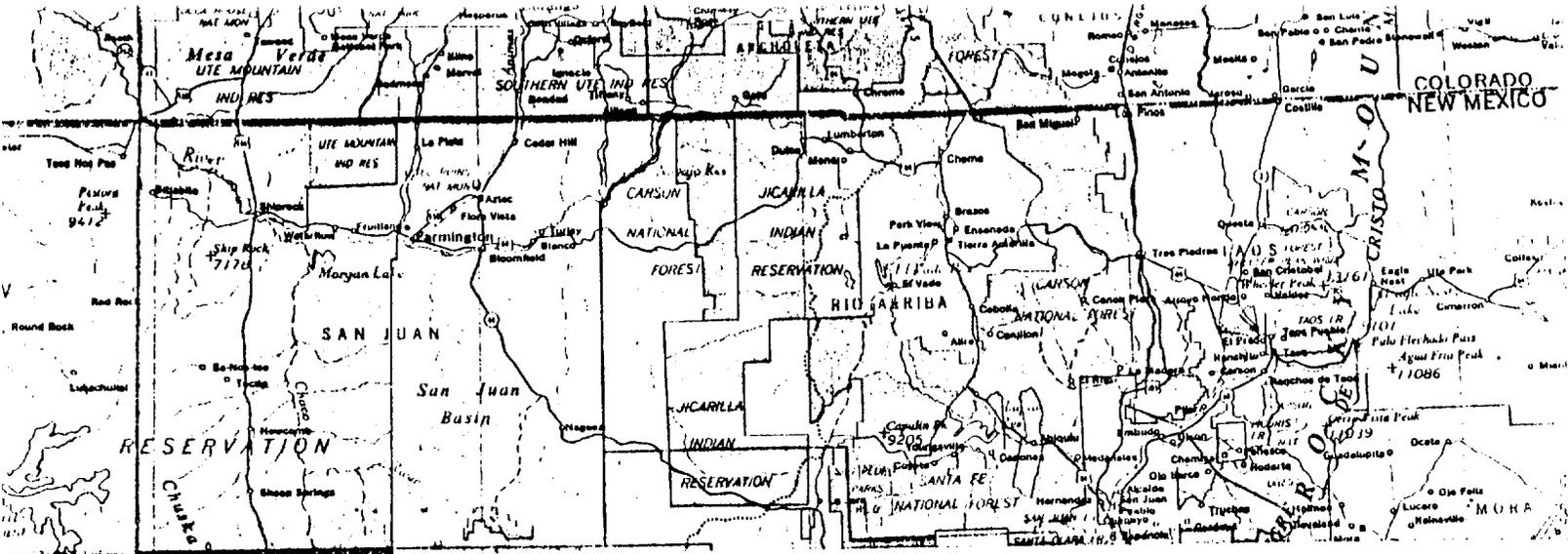
The log surveys (FDC/GR/CAL, Microlog) will be run per attached drilling and completion program.

clbmemo2 disk 205

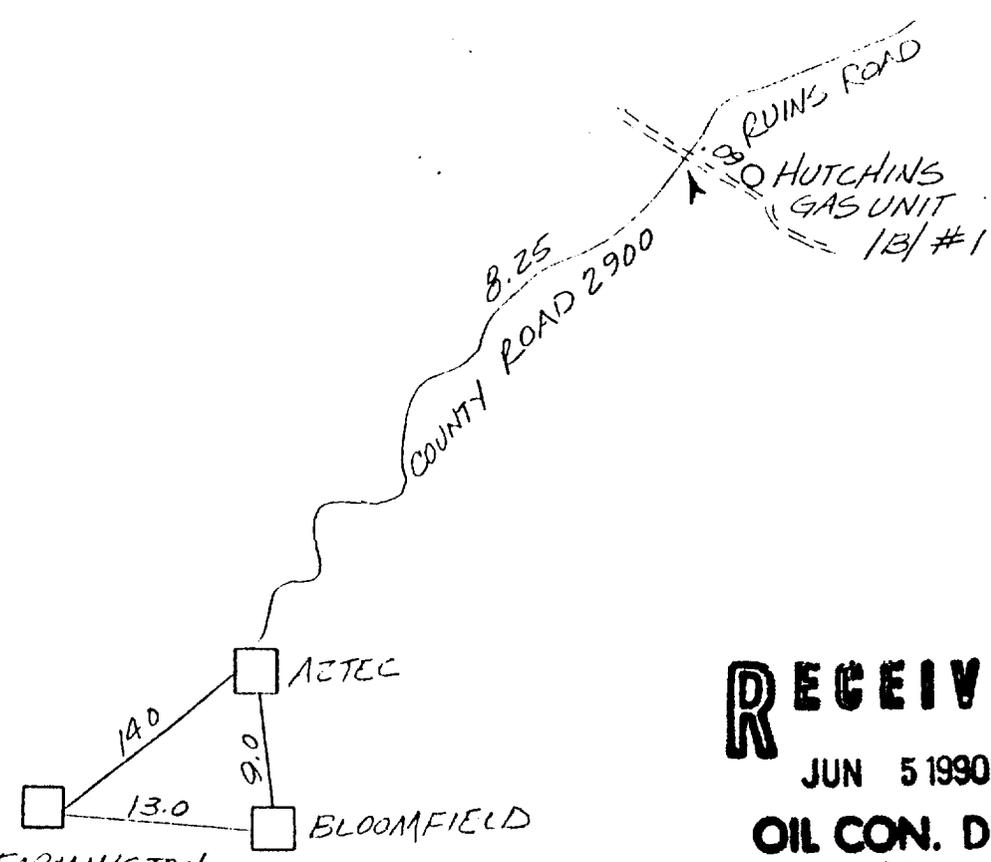
RECEIVED
JUN 5 1990
OIL CON. DIV.



AMOCO PRODUCTION COMPANY
 HUTCHIN GAS UNIT /B/ # 1
 1400' F/NL 1720' F/EL
 SEC. 7, T31N, R10W, NMPM
 SAN JUAN COUNTY, NEW MEXICO



HUTCHIN GAS UNIT /B/ # 1
 1400' F/NL 1720' F/EL
 SEC. 7, T31N, R10W, NMPM
 RAIL POINT: 134 miles - Montrose, Co.
 MUD POINT: 9 miles - Aztec, NM
 CEMENT POINT: 23 miles - Farmington, NM.



RECEIVED
 JUN 5 1990
 OIL CON. DIV.