

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

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

OIL CONSERVATION DIVISION

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

API NO. (assigned by OCD on New Wells)
30-045-27842
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>					
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER coal seam <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					
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 <u>G</u> : <u>1400'</u> Feet From The <u>North</u> Line and <u>1720'</u> Feet From The <u>East</u> Line Section <u>7</u> Township <u>31N</u> Range <u>10W</u> NMPM San Juan County					
10. Proposed Depth 2809'		11. Formation (TD) 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 <u>E/320</u>					
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.

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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/UB 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
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**OIL CON. DIV
DIST. 3**

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P.O. Box 1980, Hobbs, NM 88240

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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
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1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. 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.

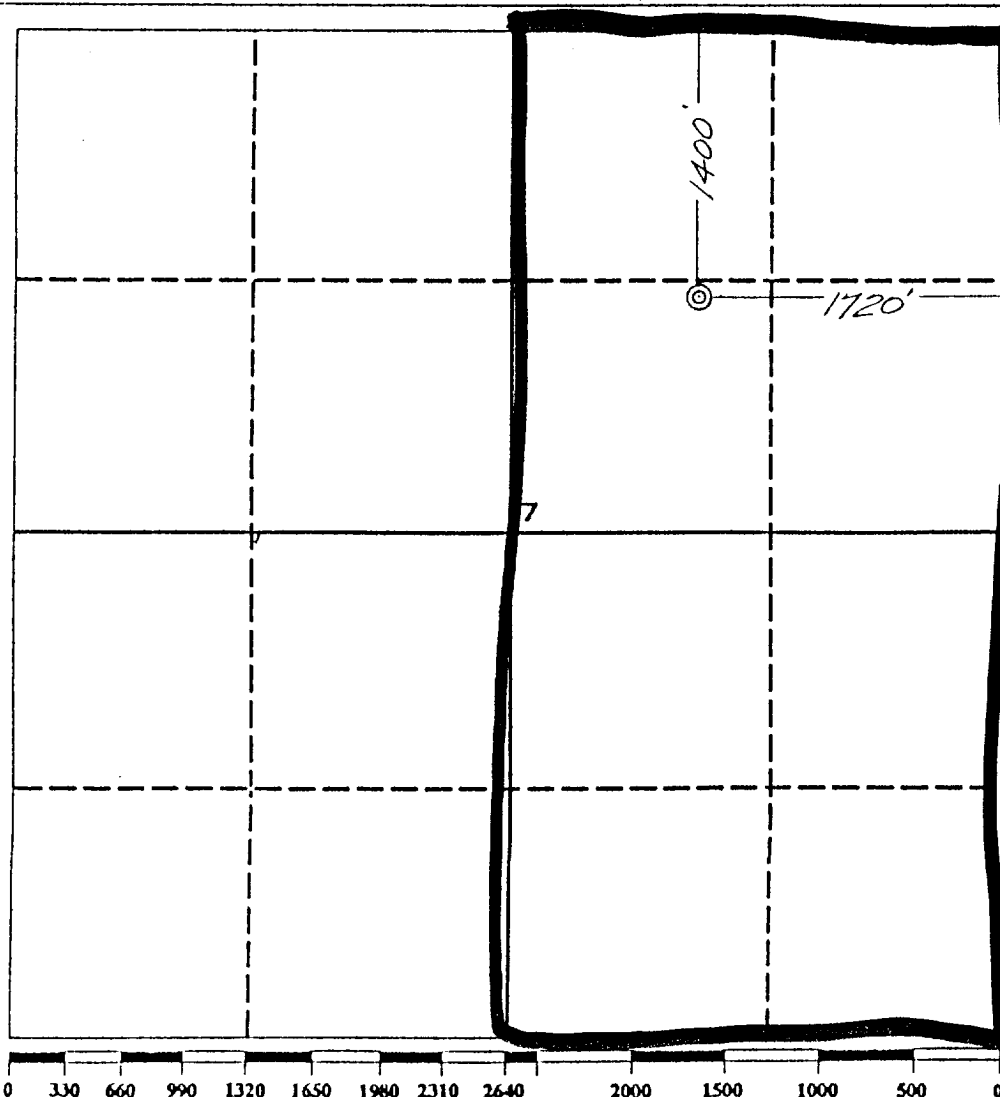
Signature: *JL Hampton/ceb*
Printed Name: **JL Hampton**
Position: **Sr Staff Admin Supr**
Company: **Amoco Prod**
Date: **6-1-90**

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
7016
Certification No. **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

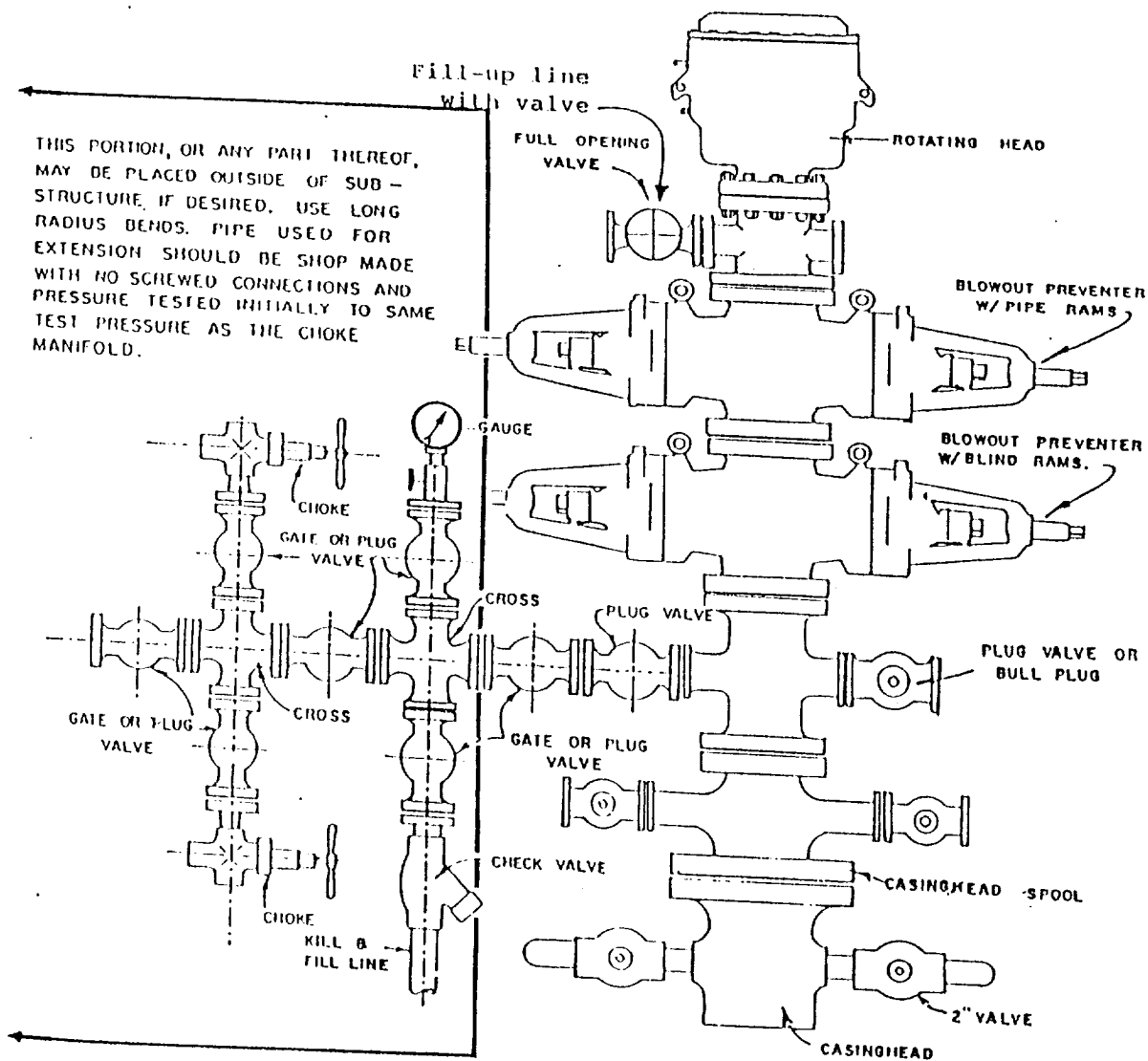
The above casing design is based upon a 11.0#/gal mud weight.

EVALUATION

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

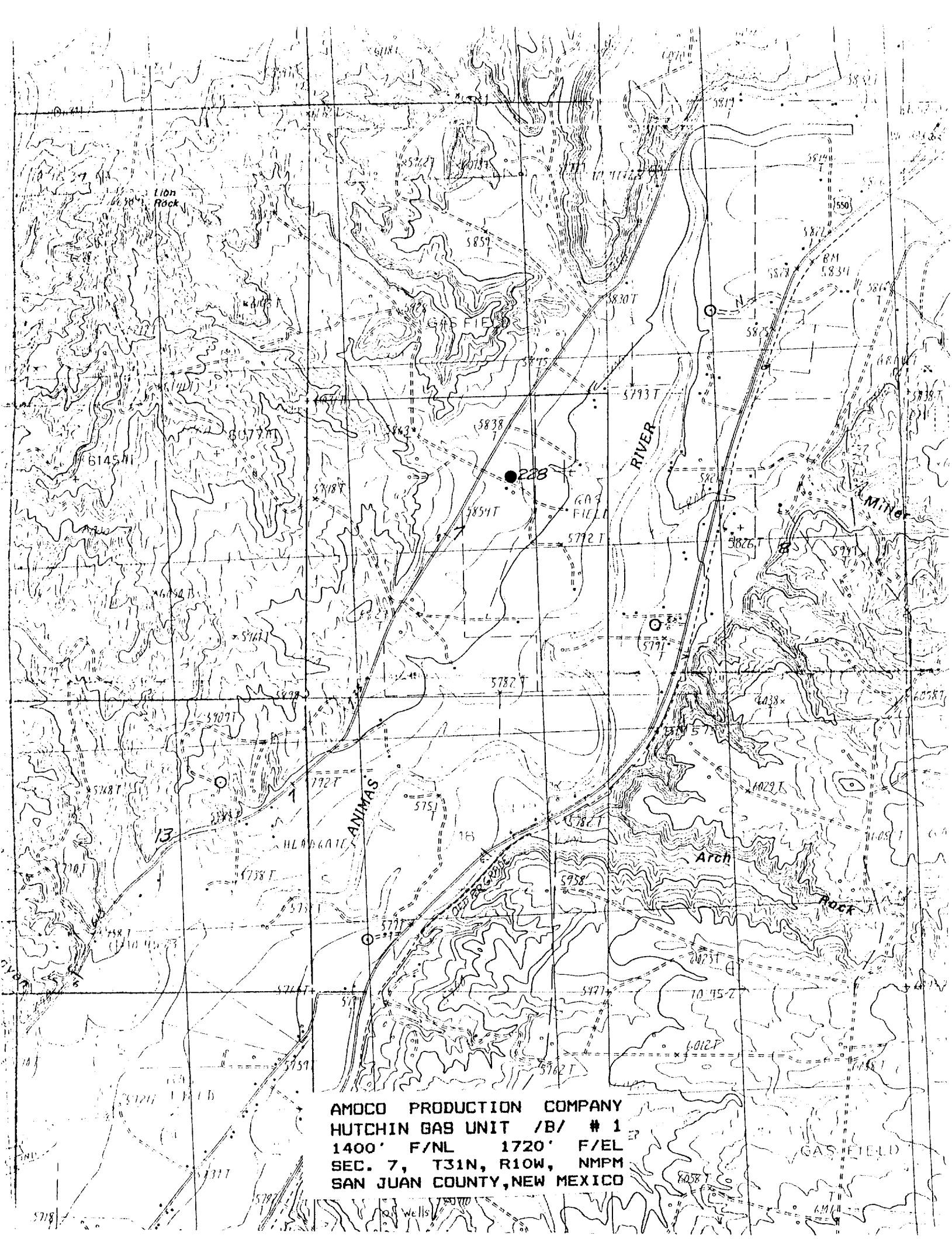
clbmemo2 disk 205

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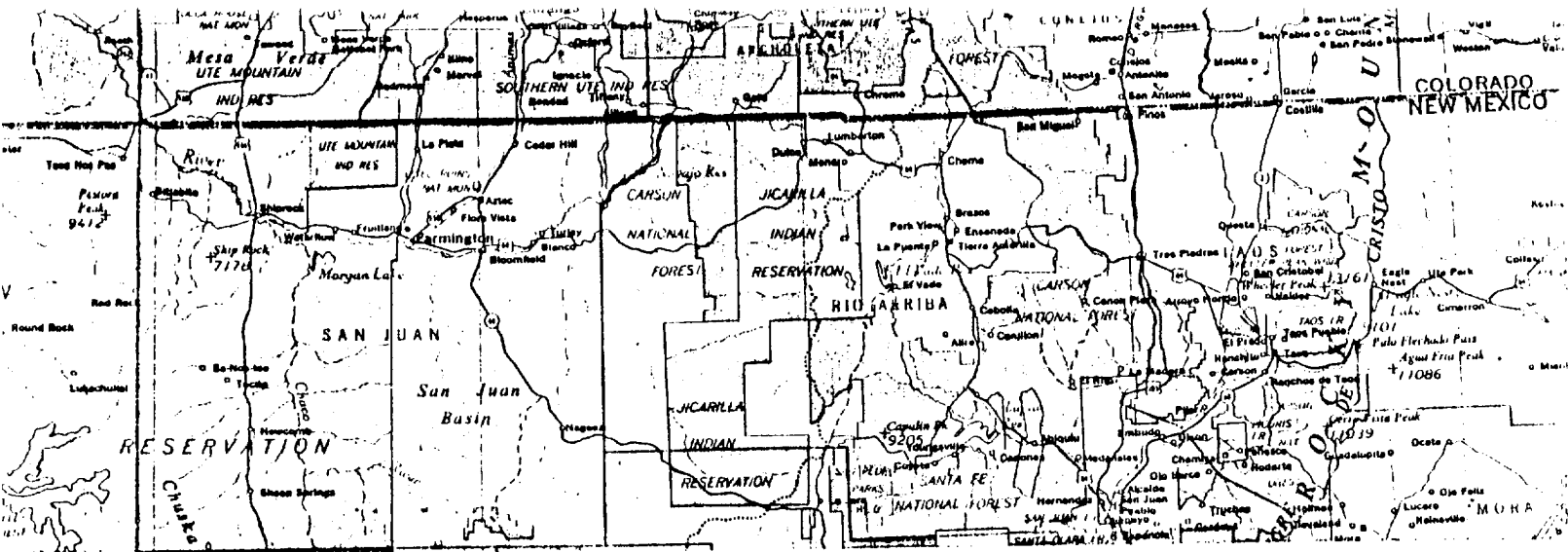


BLOWOUT PREVENTER HOOKUP

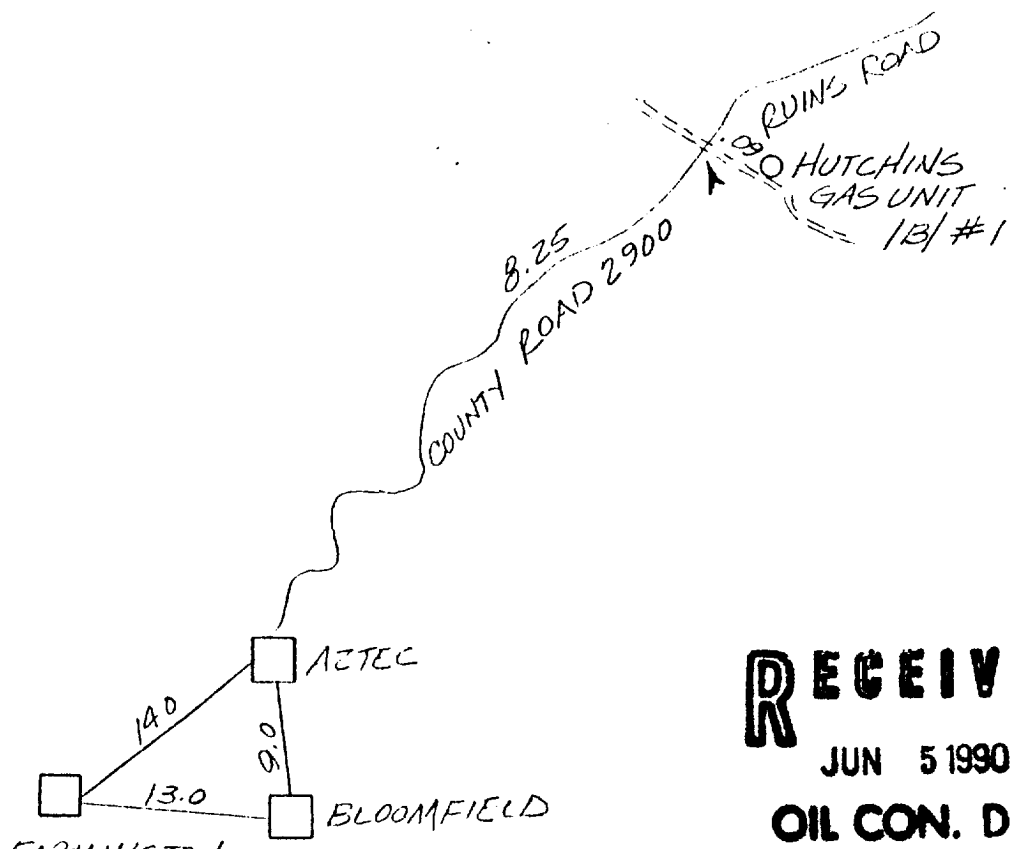
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AMOCO PRODUCTION COMPANY
HUTCHIN GAS UNIT /B/ # 1
1400' F/NL 1720' F/EL
SEC. 7, T31N, R10W, NMPM
SAN JUAN COUNTY, NEW MEXICO



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.



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