

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-70

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.
30-045-27485

7. Unit Agreement Name

8. Term or Lease Name
Barnes Gas Com "A"

9. Well No.
#1

10. Field and Pool, or Wildcat
Basin Fruitland Coal

12. County
San Juan

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 ☐ 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
UNIT LETTER G LOCATED 1090' FEET FROM THE North LINE
AND 1530' FEET FROM THE East LINE OF SEC. 23 TWP. 32 N RGE. 11W

19. Proposed Depth
3263' TD

19A. Formation
Fruitland

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DT, RT, etc.)
6251' GR

21A. Kind & Status Plug. bond
State-Wide

21B. Drilling Contractor
Unknown

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

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	250'		Surface
7 7/8"	5 1/2"	17#	3263' (TD)		Surface

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SEP 14 1989
OIL CON. DIV
DIST. 3

Amoco proposes to drill the above 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 TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design. Upon completion, the well site will be cleaned and the reserve pit filled and leveled. The gas from this well is not dedicated at this time.

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DIST. 3

APPROVAL EXPIRES 3-28-90
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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 BLOW-OUT PREVENTER PROGRAM, IF ANY.

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

Signed J. L. Hampton Title Sr. Staff Admin. Supervisor Date 9/12/89
(This space for State Use)

APPROVED BY Ernie Bush TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE SEP 28 1989
CONDITIONS OF APPROVAL, IF ANY:

Held c-104 For Cancellation of Barnes Com #21

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

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

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

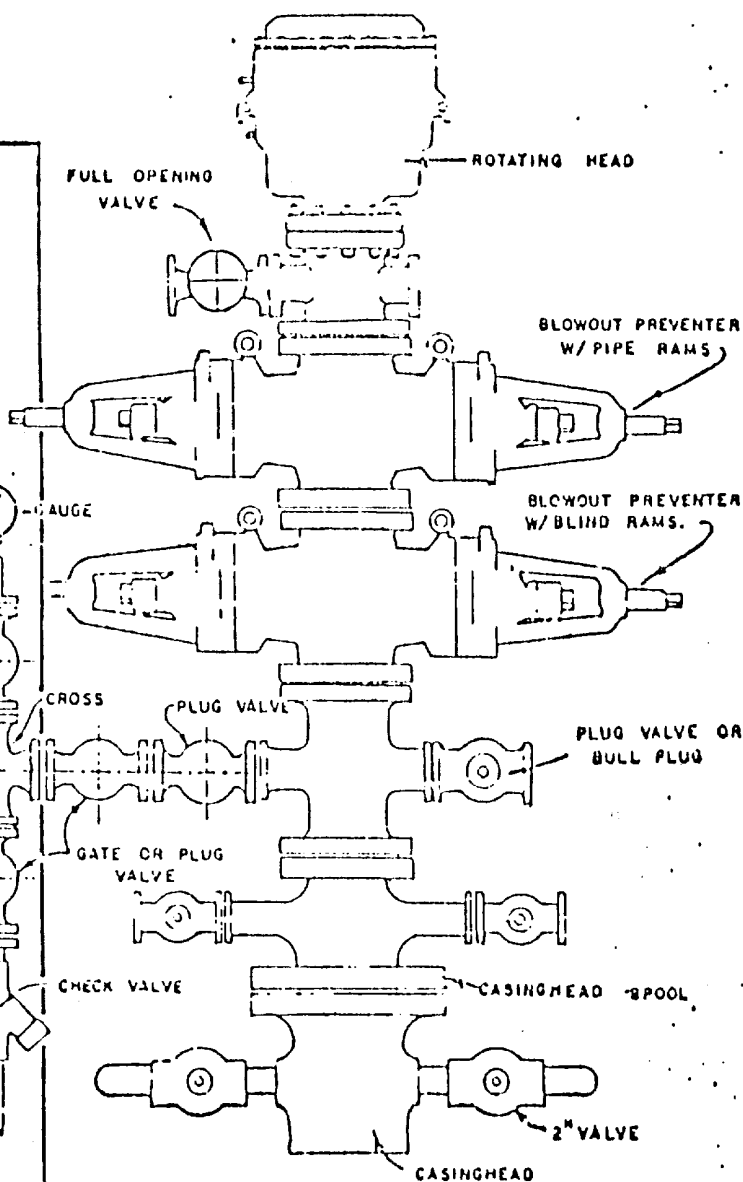
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator AMOCO PRODUCTION COMPANY			Lease BARNES GAS COM /A/		Well No. # 1
Unit Letter B	Section 23	Township 32 NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well: 1090 feet from the NORTH line and 1530 feet from the EAST line					
Ground level Elev. 6251	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal		Dedicated Acreage: E/2 320 Acres
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>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.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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.</p>					
				OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
				Signature J L Hampton Printed Name J L Hampton Position Sr. Staff Admin. Supv. Company Amoco Prod. Co. Date 9/6/89	
				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 August 24, 1989 Signature & Seal of Professional Surveyor GARY D. VANN 7016 Professional Surveyor 7016	

THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKE MANIFOLD.



BLOWOUT PREVENTER HOOKUP

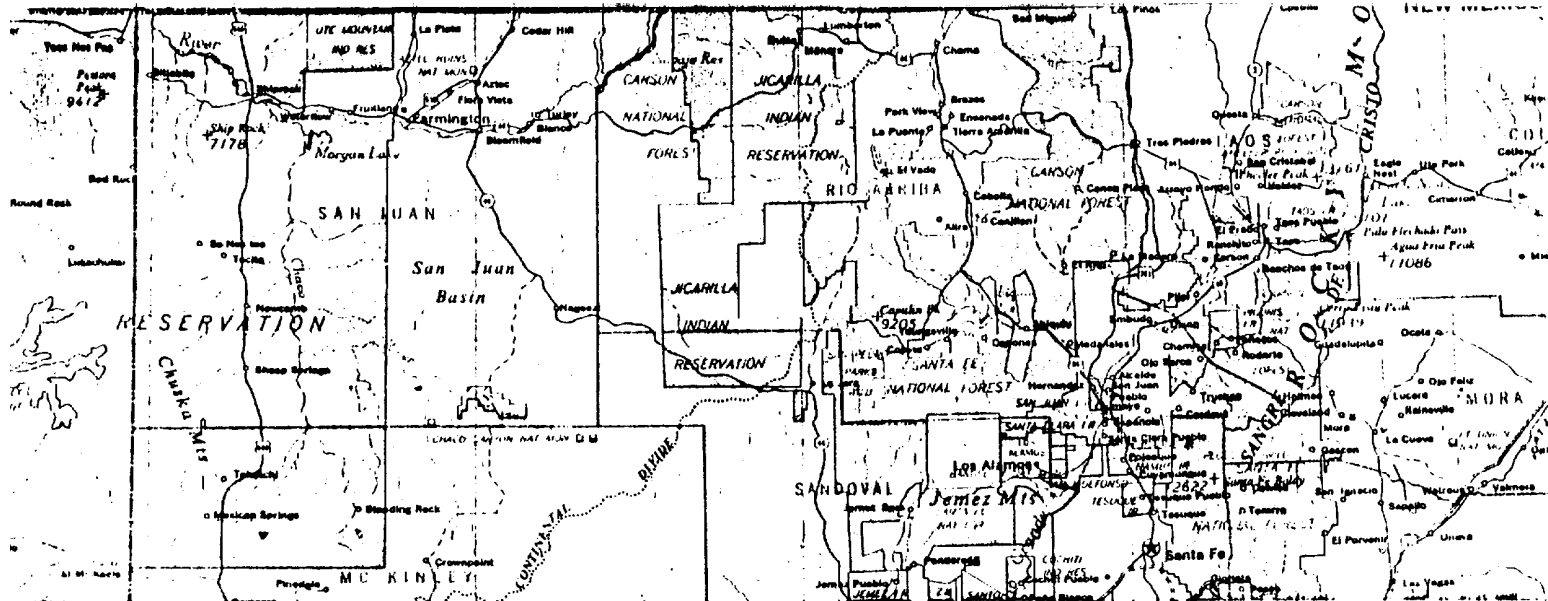
AMOCO PRODUCTION COMPANY

APD Series # 900

EXHIBIT D-4

OCTOBER 16, 1961

operation of BOP by closing both pipe and blind rams will be tested each trip or, on long bit runs, pipe rams will be closed once each 24 hours.



BARNES GAS COM 1A/ #1
 090' F/NL 1530' F/EL
 SEC. 23, T32N, R11W, NMPM
 MAIL POINT: 197 miles from Albuquerque, N.M.
 ROAD POINT: 15 miles from Aztec, N.Mex.
 MEASUREMENT POINT: 29 miles from Farmington, N.M.

