

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-1135  
Expires September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a well or reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other Coal Seam

2. Name of Operator

Amoco Production Company ATTN: J.L. Hampton

3. Address and Telephone No.

P. O. Box 800 Denver, Colorado 80201

4. Location of Well (Fouge, Sec., T., R., M., or Survey Description)

2240' FSL, 865' FWL, NW/SW Sec. 25, T31N-R9W

Lease Designation and Serial No. 080876

5. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Trigg Fed. Gas Com  
"C" 1

9. API Well No.

10. Field and Pool, or Exploratory Area  
Basin Fruitland Coal Gas

11. County or Parish, State  
San Juan, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other  
☒ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Amoco Production company intends to change the drilling program from a Drill Through to a Top Set. See attached for revised drilling program.

If you have any questions please call Cindy Burton at 303-830-5119.

not confidential

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14. I hereby certify that the foregoing is true and correct

Signed J. L. Hampton  
(This space for Federal or State office use)

Sr. Staff  
Title Admin. Supervisor

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

APPROVED

Date 8/16/90

Signed [Signature]

Date [Signature]

FARMINGTON, NEW MEXICO

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 intermediate casing point with a non-dispersed mud system. The attached modified 12" 3000 psi blowout preventer will be used. Amoco will attempt to complete the Fruitland coal by drilling the interval with water and air. A service unit will probably be used to drill into the coals using the attached modified 6" 3000 psi BOP. If commercial productivity is established, then the well will be completed as an open hole.

#### SURFACE CASING

<u>Quantity</u>	<u>Size</u>	<u>Weight</u>	<u>Description</u>	<u>Cement Program</u>
250'	9 5/8"	36#	K55 ST&C	200 cf Class B, 2% CaCl <sub>2</sub> 15.6 ppg

#### INTERMEDIATE CASING

<u>Quantity</u>	<u>Size</u>	<u>Weight</u>	<u>Description</u>	<u>Cement Program</u>
2558'	7"	20#	K55 ST&C	716 cf Class B, 65:35:5 10% salt, .25% dispersant 13.1 ppg 118 cf Class B 2% CaCl <sub>2</sub> 15.6 ppg

The above casing design is based upon a 9.0#/gallon mud weight.

#### CONTINGENCY OPERATIONAL PLAN

In the event the well does not yield commercial volumes of gas from the open hole completion, the water filled hole will be mudded-up and weighted-up as necessary (9-11#/gal.) for hole stability and well control. The well will then be deepened approximately 200' into the Pictured Cliffs formation to provide necessary footage for a cased and cemented completion technique. The Fruitland coals will then be perforated and fracture stimulated. The Pictured Cliffs formation will be isolated with cement.

#### CONTINGENCY LINER

650'	4-1/2"	11.6#	K55 LT&C	250 cf Class B
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The contingency string is based upon an 11.0#/gallon mud weight.

#### EVALUATION

Mud logs will be the only logs run if the well is completed as an open hole. The log surveys (FDC/GR/CAL, Microlog, Mudlogger) will be run only if the well is drilled into the Pictured Cliffs formation, and only if well condition is suitable to allow proper wireline log interpretation.

apdatt.clb disk 210

SAN JUAN BASIN  
FRUITLAND COAL DEGASIFICATION (TOPSET)  
PRESSURE CONTROL EQUIPMENT

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Background

The objective Fruitland Coal formation maximum surface pressure is anticipated to be 1400 PSI, based on completion testing. Pressure control equipment working pressure minimum requirements are therefore 2000 PSI. Equipment to be used will conform to API RP-53 (Figure 2.C.2) for a 2000 PSI system per Federal Onshore Order No. 2. Due to available conventional equipment within the area, 3000 PSI rated pressure control equipment will typically be utilized in a double ram type arrangement. Regional drilling rigs to be utilized have substructure height limitations which exclude use of annular preventers; therefore a rotating head will be installed above these rams. This pressure control equipment will be utilized for conventional drilling below surface to intermediate casing point above the Fruitland Coal.

Prior to drilling below intermediate casing, a modified two (2) double ram pressure control equipment system will be installed. This system is designed for Fruitland Coal formation interval drilling with air and water. A service unit will typically be used to drill this interval, and the wellbore will be completed as an uncased open hole if commercial productivity is established. If not, the wellbore will be cased and cemented with a 4 1/2" contingency liner. Based upon maximum surface pressure criteria, 2000 PSI equipment is required. However, as stated above, 3000 PSI working pressure equipment will typically be utilized. The No. 3 pipe ram in Exhibit No. 2 will be 4 3/4" if 4 3/4" drill collars are run in the bottom hole assembly.

Equipment Specification

Interval

Below Surface Casing  
through  
Intermediate Casing

BOP Equipment

12" nominal, 3000 PSI double ram  
preventer with rotating head  
(see Exhibit No. 1 - BOPE)

Intermediate Casing  
to  
Total Depth

6" nominal, 3000 PSI Two (2)  
double ram preventers (see  
Exhibit No. 2 - BOPE)

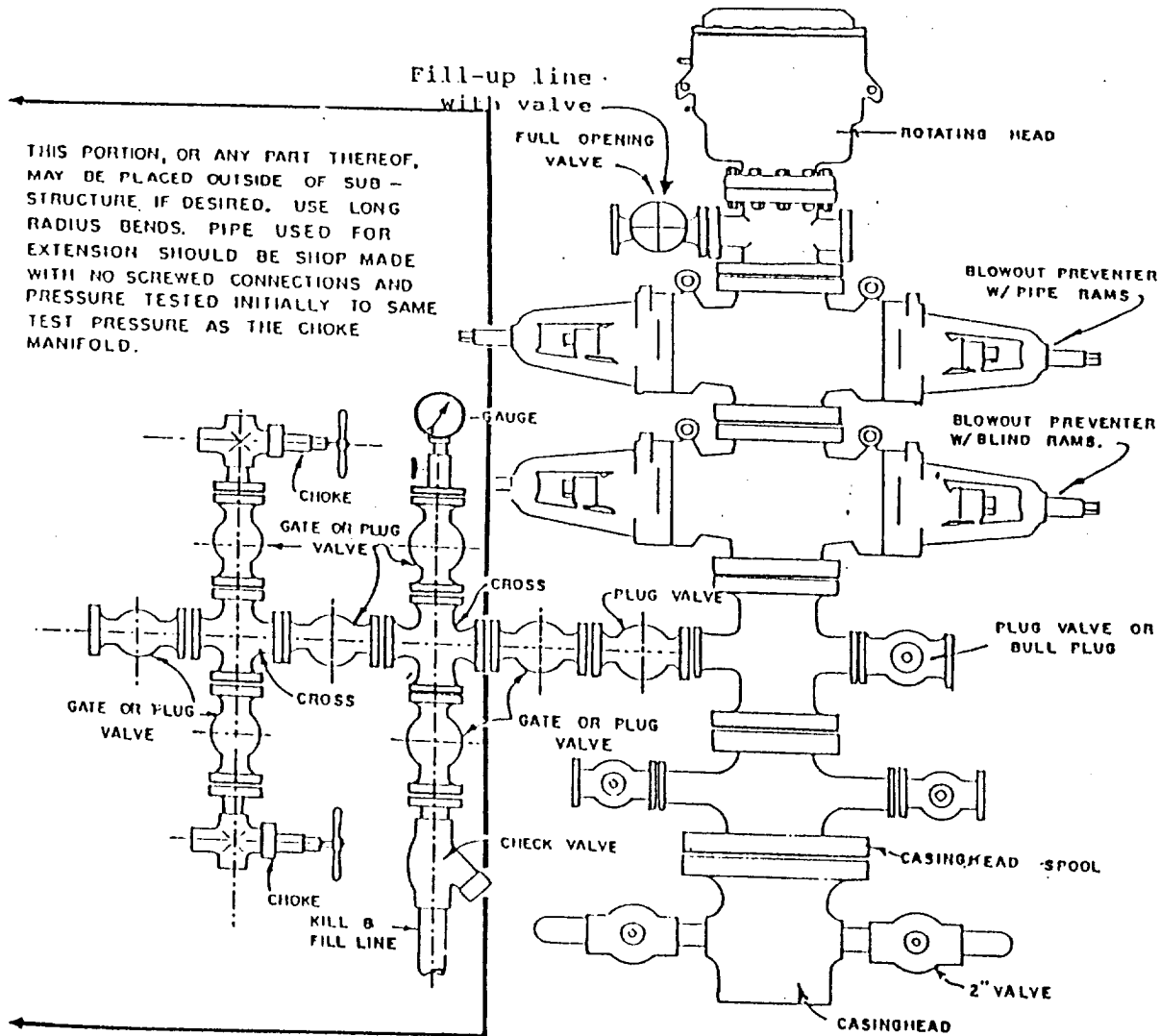
All ram type preventers and related control equipment will be hydraulically tested to 250 PSI (low pressure) and 2000 PSI (high pressure), upon installation, following any repairs or equipment replacements, or at 30 day intervals. Accessories to BOP equipment will include kelly cock, floor safety valves and choke manifold which will also be tested to equivalent pressure.

Please direct any questions to George Gray at (303) 830-5190 in our Denver office.

GEGSJB.DOC

EXHIBIT NO. 1 - BOPE

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BLOWOUT PREVENTER HOOKUP

# EXHIBIT NO. 2 - BOPE

## Drill Out BOPE 6" 3000 psi BOPE

NOTE: 2 - 4" outlets on mud cross secondary line will not be equipped with Reagan Preventer.

An 8 Station, 250 gal., 3000 psi accumulator will be required. Air and electric power.

Eqpt Ht.	
Toghd	20 7/8"
LWS double	27 5/8"
Spool	17"
LWS double	27 5/8"
Striphead	20"
	113 1/8"

Stripping Head  
Adapt Grant Rubber

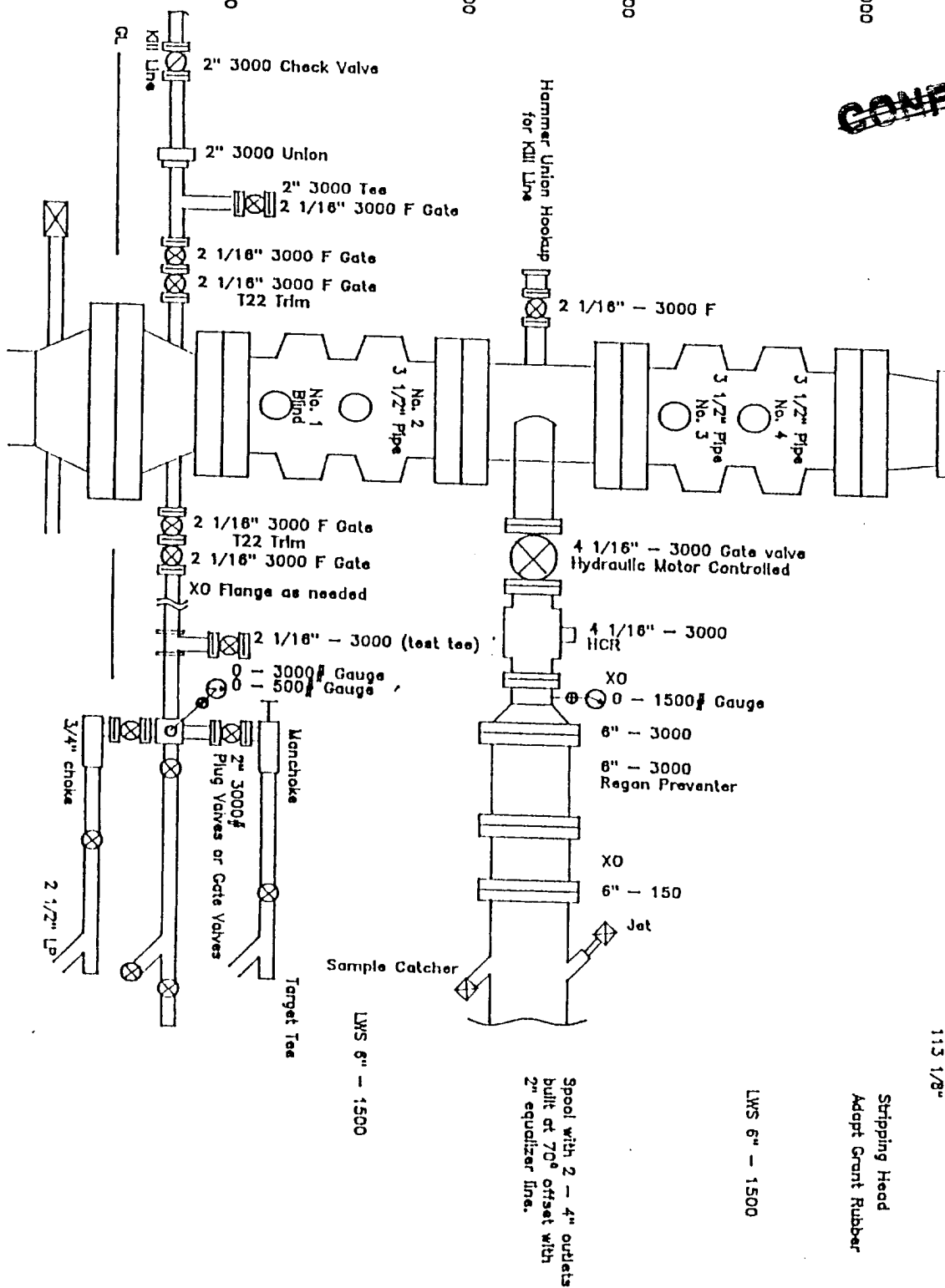
7 1/16" - 3000

7 1/16" - 3000

7 1/16" - 3000

7 1/16" - 3000

11" - 3000



LWS 6" - 1500

LWS 6" - 1500