

Proposed Development Plan for Surface Use

Amoco Production Company's South Mattix Unit Well No. 36, Unit B,  
990' FNL & 2310' FEL, Sec 22, T-24-S R-37-E, Lea County, New Mexico

1. Existing roads including location of exit from main highway.

Detailed map showing drillsite location in relation to the nearest town and all existing roads within one mile of the wellsite are shown on Exhibit A. From Jal go north on Highway 18 six miles to Jal Cooper Cemetary turnoff; Turn east on caliche road and go 2.6 miles; turn south and go .5 miles; turn west .2 miles.

2. Planned access roads.

Approximately 50' of new road will be built from existing road to location. Caliche will be used. Exhibit B

3. Location of existing wells.

All existing well within one mile radius are shown on Exhibit C.

4. Location of tank batteries and flow lines

If the well is commercially productive, the production facilities (i.e. tanks. seperators, & treaters) will be produced into existing tank battery.

5. Location and type of water supply.

Fresh & brine water to be hauled by commercial hauler.

6. Source of construction materials.

Caliche will be obtained from an existing pit located in the SW/4 SE/4, Sec 15, T-24-S R-37-E.

7. WASTE DISPOSAL

- a. Drill cuttings will be disposed of in the reserve pit.
- b. Drilling fluids will be allowed to evaporate in the reserve pit until the pit is dry.

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- c. Trash, waste paper, garbage and junk will be burned or buried with a minimum of 24" cover. Waste material will be contained to prevent scattering by wind prior to ultimate disposal.
- d. Any produced water will be contained in tanks and be disposed of in an approved manner. Oil produced will be stored in tanks until sold, at which time it will be hauled from location.
- e. Current laws and regulations pertaining to disposal of human waste will be complied with.
- f. If productive, maintenance waste will be placed in special containers and buried or hauled away periodically.

#### 8. ANCILLARY FACILITIES-

No camps, airstrips, etc. will be constructed.

#### 9. WELLSITE LAYOUT-

- a. Size of Drilling Pad - 220' x 150' x 6"
- b. Compacted - Caliche
- c. Surfaced - No
- d. 450' square area around wellsite has been cleared by archaeologist.
- e. See Exhibit "D".

#### 10. RESTORATION OF SURFACE-

Producing Well - all pits will be cut, filled, and leveled as soon as practical to original condition with rehabilitation to commence following removal of drilling and completion equipment. Rehabilitation to be completed in 180 days if possible.

Dry Hole - same as above with dry hole marker to be installed and surface reseeded if required.

#### 11. OTHER INFORMATION-

- a. Terrain - relatively flat.
- b. Soil- hard and rocky
- c. Vegetation- sparse - mesquite, broom snakeweed, cactus, burro and tubosa grass
- d. Surface Use- grazing
- e. Ponds and Streams - none
- f. Water Wells - none
- g. Residences and Building - none
- h. Arroyos, Canyons, etc. - none
- i. Well Sign - Posted at drill site
- j. Open Pits - All pits containing liquid or mud will be fenced
- k. Archaeological Resources - Drillsite, which is in nearly flat, semi-arid, desert country, is in a low environmental risk area. The total effect of drilling and producing in this area would be minimal. No known archaeological, historical, or cultural sites exist in the drill or road areas.

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12. OPERATOR'S REPRESENTATIVE -

Field personnel responsible for compliance with development plan for surface use is:

J. H. Hankins, Drilling Supervisor  
P. O. Box 68  
Hobbs, NM 88240  
Office Phone: (505) 393-1781

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LEASE & WELL NUMBER South Mattix Unit Well No. 36

LOCATION Unit B, 990' FNL & 2310' FEL, Sec 22, T-24-S R-37-E, Lea County, New Mexico

Certification: The following statement is to be incorporated in the plan and must be signed by the lessee's or operator's field representative who is identified in Item No. 12 of the plan.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by AMOCO PRODUCTION COMPANY and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE

5/30/79

J. H. Hankins Drilling Supervisor  
NAME AND TITLE

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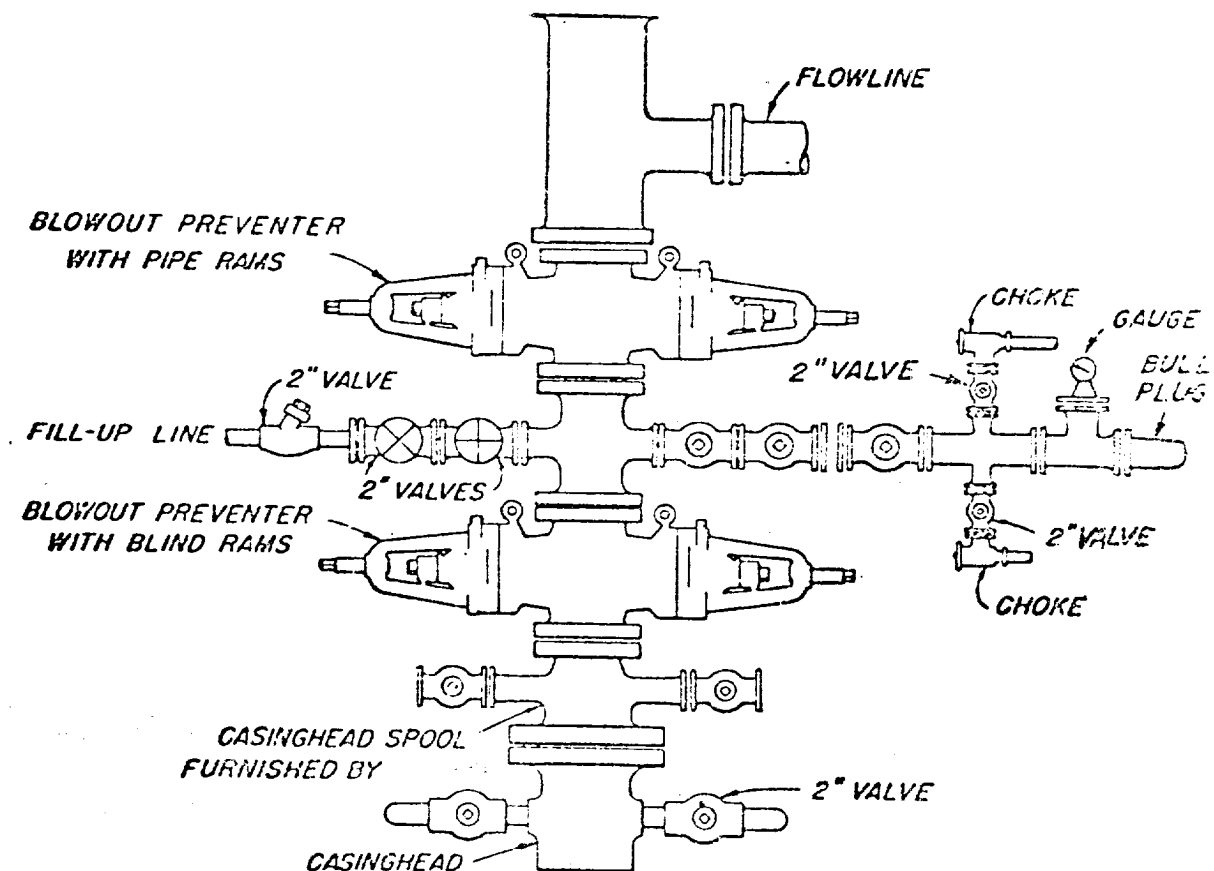
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ATTACHMENT "B"  
NOTES

1. Blow-out preventers and master valve to be fluid operated and oil fittings must be in good condition, 3,000# W.P. (6,000 p.s.i. test), minimum.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
3. Nipple above blow-out preventer shall be same size as casing being drilled through.
4. Kelly cock required, 3,000# W.P. (6,000 p.s.i. test) minimum.
5. OMSCO or comparable safety valve must be available on rig floor at all times with proper connection or sub, 3,000# W.P. (6,000 p.s.i. test), minimum.
6. Blow-out preventers and master valve while drilling intermediate hole to 6000' may be 2,000# W.P. (4,000 p.s.i. test), minimum.
7. Choke assembly, beyond second valve from cross, may be positioned (Optional) outside of derrick foundation.
8. Spool or cross may be eliminated if connections are available in the lower part of the blow-out preventer body.
9. Plug valves - gate valves are optional. Valves shown as 2" are minimum size.
10. Casing head and casing head spool, including attached valves, to be furnished by Amoco.
11. Rams in preventers will be installed as follows:  

|   |   |
|---|---|
| When drilling, use:                           | When running casing, use:                     |
| Top Preventer - Drill pipe rams               | Top Preventer - Casing rams                   |
| Bottom Preventer - Blind rams or master valve | Bottom Preventer - Blind rams or master valve |



**BLOWOUT PREVENTER HOOK-UP**

AMOCO PRODUCTION COMPANY

**EXHIBIT D-1 MODIFIED**

JUNE 1, 1962

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