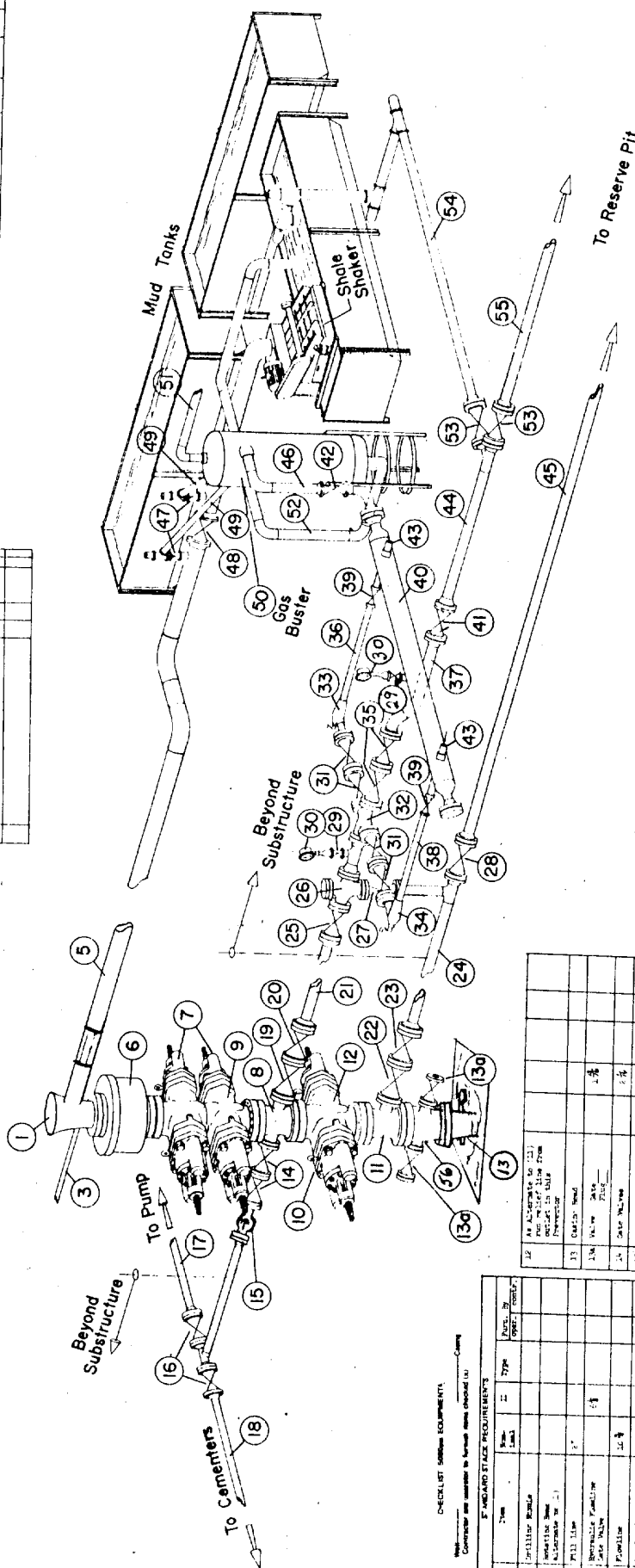


STANDARD CHOICE AND RE. REQUIREMENTS				
NO.	NAME	1976	1977	1978
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4	4.00	4.00	4.00	4.00
5	5.00	5.00	5.00	5.00
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97	97.00	97.00	97.00	97.00
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96.	1000	1000	1000
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99.	1000	1000	1000
100.	1000	1000	1000

[illegible]

F. WEARING STAGE REQUIREMENTS						
Item	Type	Size	Material	Type	Part. by operator	Part. by operator
1	Shirley Bunk					
2	Shirley Bunk					
3	Shirley Bunk					
4	Shirley Bunk					
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99	Shirley Bunk					
100	Shirley Bunk					

12	As Assemblies to (23) from this time from start in this direction								
13	Check head								
14	Set Valve	Set File							
15	Set Valve								
16	Check Valve								
17	Set Valve								
18	Line to 1st Pump				2"				
19	Line to Compressors				2"				
20	Set Valve					3"			
21	Set 2nd Valve					3"			
22	Check Line					2 1/2"			
23	Set Valve					4"			
24	Set 2nd Valve					4"			
25	Set 3rd Valve					4"			
26	Check Line					3 1/2"			
	Wear Studs								

[illegible]

Well Name Dain No. 1

Location NW NW 34-30N-14W

San Juan County, New Mexico

<u>Wellhead Equipment</u>	<u>Size</u>	<u>Pressure Rating</u>	<u>Pressure Test</u>
Surface Casing Flange	12"	3000	6,000
Casing Spool	12" x 10"	5000	10,000
Tubing Spool	10" x 6"	5000	10,000
Tubing Bonnet	6" x 2-1/2"	5000	10,000

<u>Flow Out Preventers</u> (Top to Bottom)	<u>Size</u>	<u>PSI Rating</u>	<u>PSI Test</u>	<u>Fig</u>	<u>Remarks</u>
	10	5000	10,000	X	
	10	5000	10,000		blind
	10	5000	10,000		4-1/2
<u>Gas Buster</u>	<u>Yes</u>	<u>X</u> No	<u>De-gasser</u>	<u>Yes</u>	<u>X</u> No

Kill or Control Manifold

<u>2"</u> Size	<u>5000</u> Pressure Rating	<u>10,000</u> Pressure Rating Test	<u>No</u> Hydraulic Valves
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<u>Auxiliary Equipment</u>	Kelly Cock	<u>X</u> Yes	<u>No</u>
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<u>Monitoring Equipment on Mud System</u>	<u>X</u> Yes	<u>No</u>
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<u>Full Opening Drill Pipe Stabbing Valve on Floor</u>	<u>X</u> Yes	<u>No</u>
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<u>Type of Drilling Fluid</u>	<u>X</u>	<u>Air</u>	<u>Gas</u>	<u>Oil Base Mud</u>
	Water Base Mud			

<u>Anticipated Bottom Hole Pressure</u>	<u>5000</u> PSI
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DEVELOPMENT PLAN FOR U.S.G.S. APPROVAL OF SURFACE USE
MOUNTAIN FUEL SUPPLY COMPANY DRILLING WELLS

Well Name - Dain Well No. 1

Field or Area - San Juan County, New Mexico

1. Existing Roads -

- A) Proposed well site as staked - Refer to location plat No. M-12439.
- B) Route and distance from nearest town or locatable reference point to where well access route leaves main road - Refer to area map No. M-12297. From Dain Well No. 1 to the El Paso refinery is 4.3 miles.
- C) Access road to location - Refer to area map No. M-12297 and location drawing No. M-12439 for well access road.
- D) If exploratory well, all existing roads within a 3-mile radius of well site - Not an exploratory well.
- E) If development well, all existing roads within a 1-mile radius - Refer to drawing No. M-12297.
- F) Plans for improvement and/or maintenance of existing roads - No existing roads will need improvement. The existing roads will be improved as needed by Mountain Fuel.

2. Planned Access Road -

- A) Width - 16' wide from shoulder to shoulder.
- B) Maximum grade - The maximum grade on the road is 8 percent.
- C) Turnouts - No turnouts will be constructed.

- D) Disposal wells - No disposal wells located within a one mile radius.
- E) Drilling wells - No drilling wells located within a one mile radius.
- F) Producing wells - The Dugan Well located in the SE 1/4 of Section 33 is a productive gas well.
- G) Shut-in wells - No shut-in wells within a one mile radius.
- H) Injection wells - No injection wells within a one mile radius.
- I) Monitoring or observation wells for other resources - No monitoring or observation wells within a one mile radius.

4. Location of Existing And/Or Proposed Facilities - Refer to area map No. M-12297.

- A) 1) Tank batteries - None within a one mile radius.
- 2) Production facilities - The Dugan Well in the SE 1/4 of Section 33 has production facilities.
- 3) Oil gathering lines - None within a one mile radius.
- 4) Gas gathering lines - A gas line in the west 1/2 of Section 35 is within a one mile radius.
- 5) Injection lines - None
- 6) Disposal lines - None
- B) 1) Proposed location and attendant lines by flagging off the well pad -
If the well is a productive gas well the pipeline will follow the access road and tie-in to the line near the Pubco Well located in the SW 1/4 of Section 33.

- C) Water well to be drilled on lease - None
6. Source of Construction Material -
- A) Information - None
- B) Identify if from Federal or Indian land -
- C) Where materials are to be obtained and used -
- D) Access roads crossing Federal or Indian lands -
7. Method for Handling Waste Disposal -
- A-D) Cuttings, drilling fluids, produced fluids, and sewage will be placed in the mud pit.
- E) Garbage and other waste material will be placed in the burn pit.
- F) After drilling operations have been completed, the location will be cleared of all litter, and the trash will be burned in the burn pit. The burn pit will be covered over. The mud pit liquids will be pumped out and dumped on the existing roads. The mud pit will be covered over.
8. Ancillary Facilities - No camps or airstrips exist now and we have no plans to build them.
9. Well Site Layout - Refer to drawing Nos. 12439 and 12440.
10. Plans for Restoration of Surface -
- A) After drilling operations, the well site will be cleared and cleaned and the burn pit filled in. Should the well be a dry hole, the surface will be restored to the extent that it will blend in with the landscape. The reserve pit liquids will be pumped out and dumped on the existing roads.
- B) Revegetation and rehabilitation of the location and access road will be done to comply with Bureau of Land Management recommendations. See attached sheet for seed mixture and requirements.
- C) Prior to rig release, pits will be fenced and so maintained until clean up.
- D) If oil is in the mud pit, overhead flagging will be installed to keep birds out.
- E) Clean up will begin within two months after drilling operations have been completed and the land will be restored at this time.
11. Other Information -
- A) The location lies on the east side of a wash at the bottom of a small canyon. The vegetation is sagebrush, range grass, and a few juniper trees. The soil is sandy.
- B) The surface belongs to the U.S. Government.
- C) No occupied dwellings, archaeological, historical or cultural sites are in the area to my knowledge.
12. Lessee's or Operator's Representative -
D. E. Dallas, Drilling Superintendent, P. O. Box 1129, Rock Springs, Wyoming 82901, telephone 307-362-5611.

13. Certification -

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 Mountain Fuel Supply Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date 2/22/77

Name Dale Dallas /lm
Title Drilling Superintendent

cdk

BLM SEEDING REQUIREMENTS
IN THE FARMINGTON RESOURCE AREA

1. SEED MIXTURE 3

2. TIME:

All seeding will take place between July 1 and September 15.

3. EQUIPMENT:

Seeding will be done with a disc-type drill with two boxes for various seed sizes. The drill rows will be eight to ten inches apart. The seed will be planted not less than one-half inch deep or more than one inch deep. The seeder will be followed with a drag, packer, or roller to insure uniform coverage of the seed, and adequate compaction. Drilling will be done on the contour where possible, not up and down the slope. Where slopes are too steep for contour drilling, a "cyclone" hand seeder or similar broadcast seeder will be used. Seed will then be covered to the depth described above by whatever means is practical.

4. SPECIES TO BE PLANTED IN POUNDS PURE-LIVE-SEED PER ACRE:

FOURWING SALTBUSH (dewinged) (Atriplex canescens) - $\frac{1}{2}$ lb.

SAND DROPSEED (Sporobolus cryptandrus) - $1\frac{1}{2}$ lbs.

~~WINTERPAC (Eurotia lanata) - 1 lb.~~

ALKALI SACATON (Sporobolus airoides) - $1\frac{1}{2}$ lbs.

SHADSCALE (Atriplex confertifolia) - $\frac{3}{4}$ lb.