

SUPPLEMENTAL INFORMATION TO FORM 9-331C
REQUIRED BY NTL-6

Federal 29-27-13 Well #1
895' FSL & 1700' FEL Section 29-T27N-R13W
San Juan County, New Mexico

The geologic name of the surface formation is: Tertiary Paleocene

The estimated tops of important geological formations bearing hydrocarbons to be drilled are:

<u>Formation</u>	<u>Depth</u>	<u>Elevation</u>
Pictured Cliffs	1302	+ 4810
Total Depth	1400	

Estimated K.B. elevation: 6118

<u>Estimated Depth</u>	<u>Casing Size</u>	<u>Casing Weight</u>	<u>Hole Size</u>	<u>Sacks Cement</u>	<u>Type</u>
100	7" Used	23	9 5/8"	50	Class "B" 2% CaCl ₂
1400	4½" New	9.5	6¼"	50 100	Class "B" Class "B" 50-50 Poz mix, 6% gel with ¼# Celloflake/sack

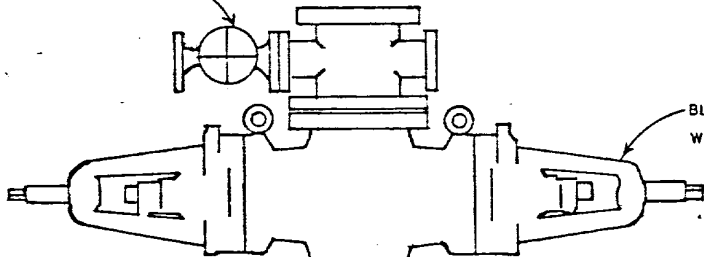
Benson Mineral Group Inc.'s standard blowout prevention will be employed, see the attached drawing of the preventor design.

Drilling fluid to be a low solids non-dispersed mud system.

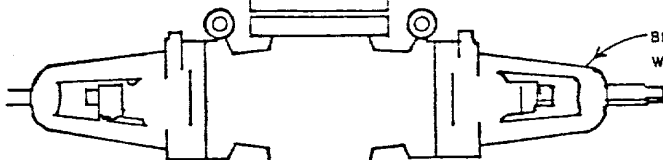
The logging program will be as follows: Induction-Electric and Compensated Density-Gamma Ray from surface casing point to total depth.

Past experience in this area has shown that no abnormal pressures, temperatures, or hydrogen sulfide gas will be encountered.

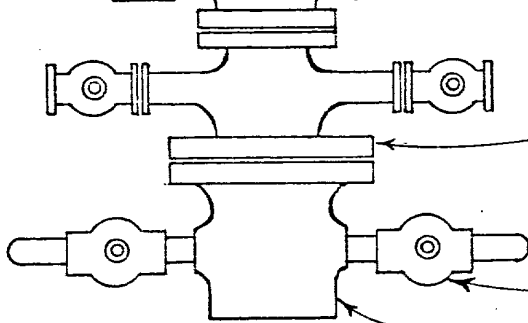
FULL OPENING VALVE



BLOWOUT PREVENTER
W/ PIPE RAMS



BLOWOUT PREVENTER
W/ BLIND RAMS



CASINGHEAD SPOOL

2" VALVE

CASINGHEAD

**BENSON
MINERAL
GROUP, INC.**

3200 Anaconda Tower
555 17th Street
Denver, Colorado 80202

STANDARD BLOWOUT PREVENTER
ASSEMBLY
6" 900 SERIES

GEOLOGY BY:

DATE:

POSTED:

APPROVED BY:

DRAFTING BY:

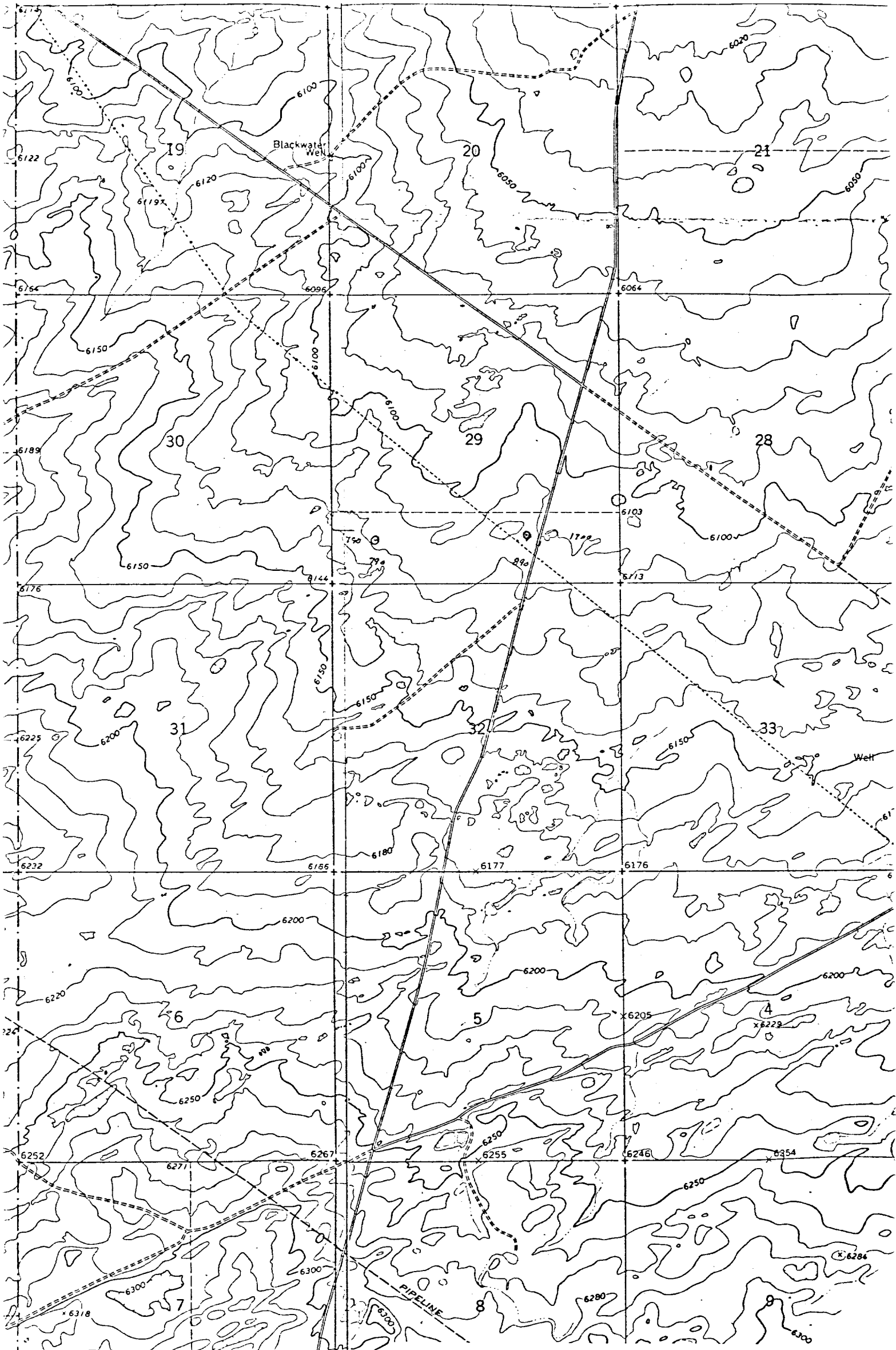
G W R

MULTI-POINT SURFACE USE PLAN

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San Juan County, New Mexico

1. The attached road map and sketch show the proposed route to the location and distances from towns.
2. An access road of 100 feet will be constructed as a new permanent road to location.
3. Existing oil and gas wells within a one-mile radius of our proposed well have been spotted on the vicinity map.
4. There are no storage tanks or facilities located within a one-mile radius of our proposed location.
5. Water will be hauled by truck from various existing private water sources over existing permanent roads.
6. No construction materials will be hauled in for this location. Material from high points on location will be used to level location for proper drilling.
7. A 20' X 120' pit will be built on location to hold all drilling waste. Upon completion of well, all waste and liquid will be hauled by truck and bladed into existing roads. All other waste will be covered in 20' X 120' reserve pit.
8. There are neither airstrips nor camps in the vicinity.
9. The well site layout, reserve, burn and trash pits are shown on the attached Drill Site Specification Sheet.
10. Restoration of the surface will be accomplished by cleaning up and leveling upon completion of the well. Upon completion the reserve pit will be fenced and the drilling mud allowed to dry. The pits will then be back filled and seeded. Reseeding of the site will be carried out as detailed by the Surface Management Agency at the site examination.
11. The general topography and soil characteristics consist of fairly level terrain with vegetation of sagebrush and a few small pinion trees.

Representatives of the U.S. Geological Survey's Farmington Office and Bureau of Land Management's Albuquerque Office will inspect the site. Cultural resources inspection will be conducted by an archaeologist from San Juan College or Salmon Ruins.
12. A Certification Statement by Benson Mineral Group, Inc.'s Representative is included.



● INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1970
 1. R. 13 W. 746000m E

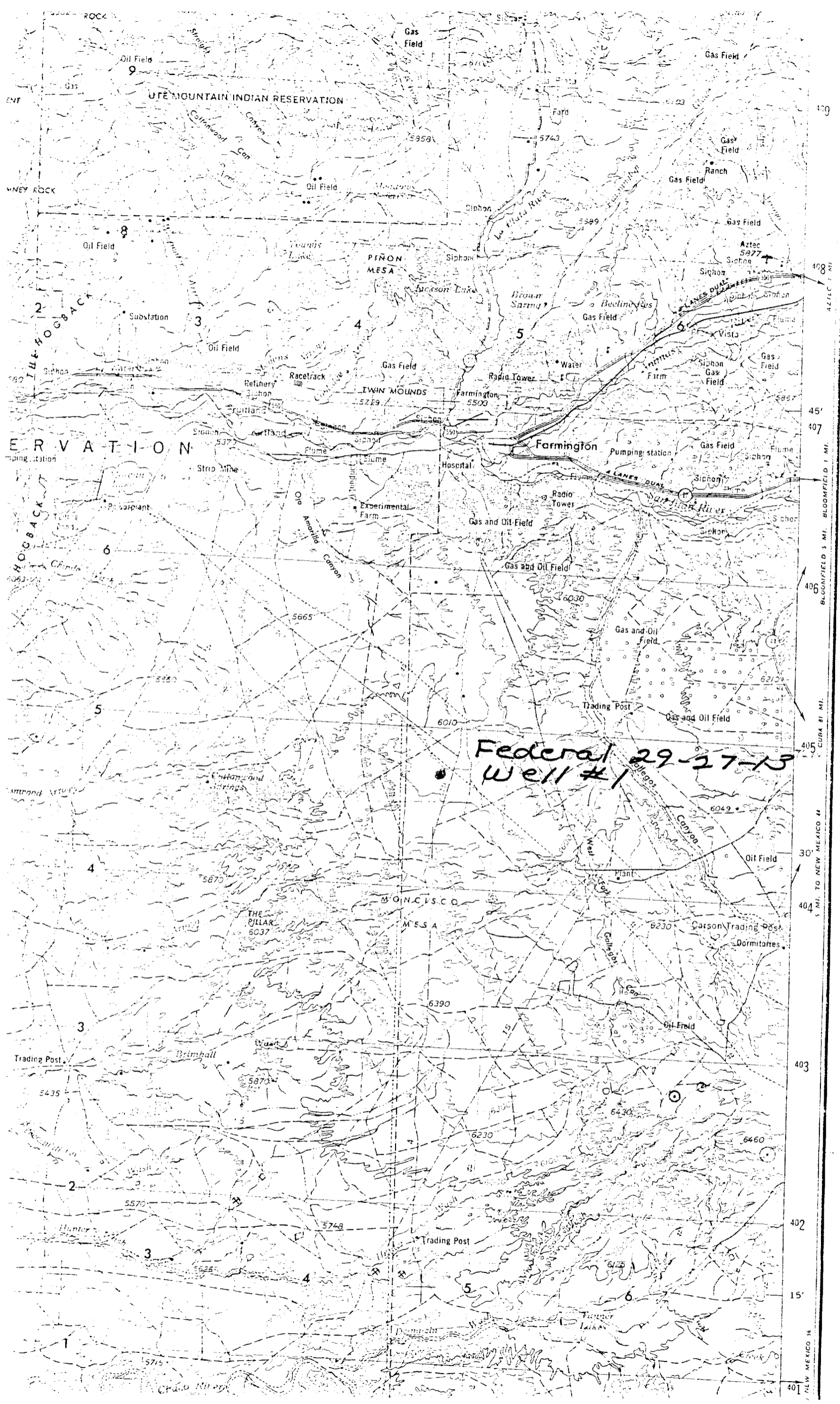
108° 15'

Vicinity Map for
 BENSON MINERAL GROUP, INC. #1 FEDERAL 2^c
 895' FSL 1700' FEL Sec 29-T27N-R13W
 SAN JUAN COUNTY, NEW MEXICO

Mapper
 Control
 Topogra
 photographs taken 1964 and by planetable surveys of the
 Bureau of Reclamation 1965. Field checked by USGS 1965

ROAD CLASSIFICATION

Light-duty Unimproved dirt



HOGBACK

UTE MOUNTAIN INDIAN RESERVATION

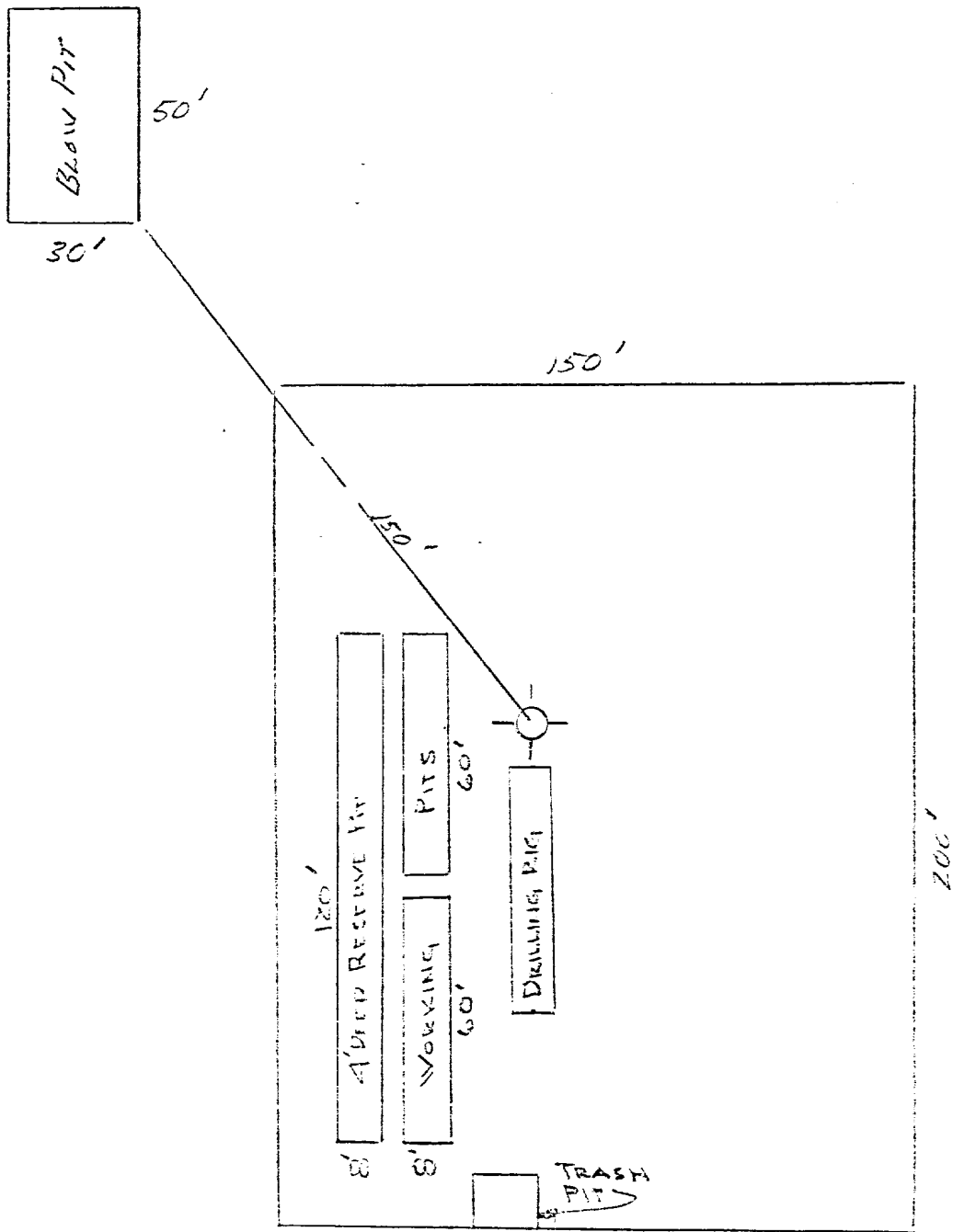
PINON MESA

Farmington

MONTECISCO MESA

Federal 29-27-13 Well #1

408
407
406
405
404
403
402
401
AZTEC 1 MI.
BLOOMFIELD 5 MI.
CURA 8 MI.
5 MI. TO NEW MEXICO #1
NEW MEXICO 16



PROPOSED LOCATION
DIAGRAM

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San Juan County, New Mexico

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 BENSON MINERAL GROUP, INC. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

August 21, 1978

Date



Paul C. Ellison

Production Manager

Benson Mineral Group Inc.'s Representative:

Paul C. Ellison

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