

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-23803

LEASE DESIGNATION AND SERIAL NO.

M 12235

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Southland

WELL NO.

FIELD AND POOL, OR WILDCAT

JAW Fruitland Pic. Cliff

SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 10, T26N, R13W

COUNTY OR PARISH

STATE

San Juan

N.M.

## 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

J. Gregory Merrion &amp; Robert L. Bayless

## 3. ADDRESS OF OPERATOR

P.O. Box 1541, Farmington, NM 87401

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1850 FNL &amp; 790 FEL

At proposed prod. zone

same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 17 miles south of Farmington

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drg. unit line, if any)

790'

## 16. NO. OF ACRES IN LEASE

1120

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2850'

## 19. PROPOSED DEPTH

1350'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6128 ft. GL

## 22. APPROX. DATE WORK WILL START\*

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9"	7"	23 lb.	90 ft.	35 sacks
5"	2-7/8"	6.4 lb.	1350 ft.	175 sacks

Will drill 9" hole to 90 ft. and set 90 ft. of 7", 23 lb. casing with 35 sacks cement. Will drill 5" hole to 1350 ft. and run logs. If appears productive, will run 1350 ft. of 2-7/8", 6.4 lb., J-55 casing and cement with 175 sacks Class "H" and 2% D-79. No abnormal pressures nor temperatures are anticipated. Circulating medium will be clear water, natural mud and water loss control additives. Blowout preventer schematic drawing is attached. The gas from this formation is not dedicated.

## ESTIMATED TOPS

FORMATION	DEPTH	CONTENT
Ojo Alamo	surface	
Kirtland	100'	
Fruitland	850'	
Pictured Cliffs	1240'	

Natural Gas, Salt Water

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

Original Signed By

SIGNED

ROBERT L. BAYLESS

TITLE

Co-Owner

DATE

September 7, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ok Frank

NMOCC

\*See Instructions On Reverse Side

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

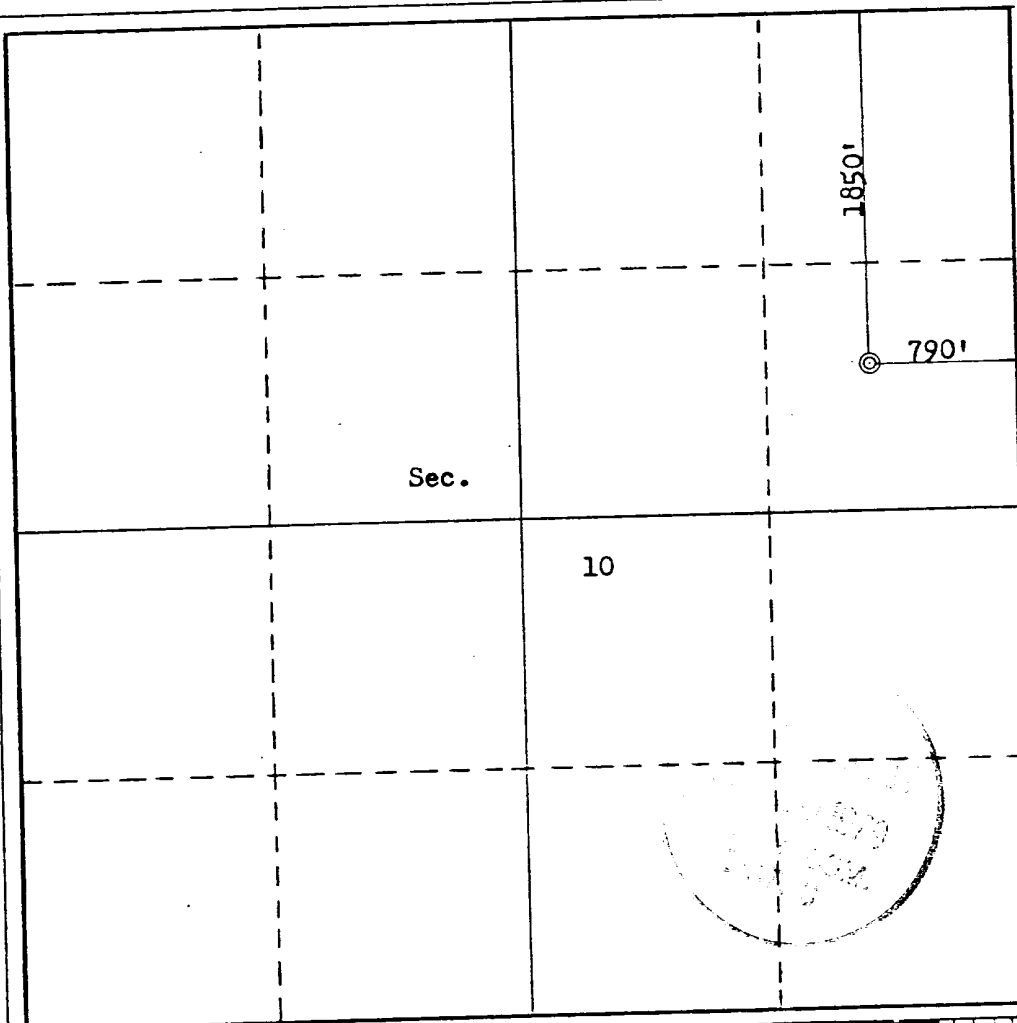
Operator <b>MERRION &amp; BAYLESS</b>			Lease <b>SOUTHLAND</b>		Well No. <b>6</b>
Unit Letter <b>H</b>	Section <b>10</b>	Township <b>26N</b>	Range <b>13W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1850</b> feet from the <b>North</b> line and <b>790</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6128</b>	Producing Formation <b>Pictured Cliffs</b>		Pool <b>WAW Fruitland Pic. Cliffs</b>		Dedicated Acreage: <b>160</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
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).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

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 interests, has been approved by the Commission.



## CERTIFICATION

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

**Original Signed By**  
**ROBERT L. BAYLESS**

Name  
Robert L. Bayless

Position  
Co-Owner

Company  
Merrion & Bayless

Date  
September 7, 1979

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 12, 1979**

Registered Professional Engineer  
and/or Land Surveyor

**Fred B. Kerr Jr.**

Certificate No. **3950**

**STATE OF NEW MEXICO**  
**ENGINEER**

# SURFACE WELL CONTROL EQUIPMENT

## SCHEMATIC

MERRION & BAYLESS  
Southland #6  
1850 FNL & 790 FEL  
Section 10, T26N, R13W  
San Juan County, New Mexico

MERRION~BAYLESS

DRAWN BY SSD

REVISED

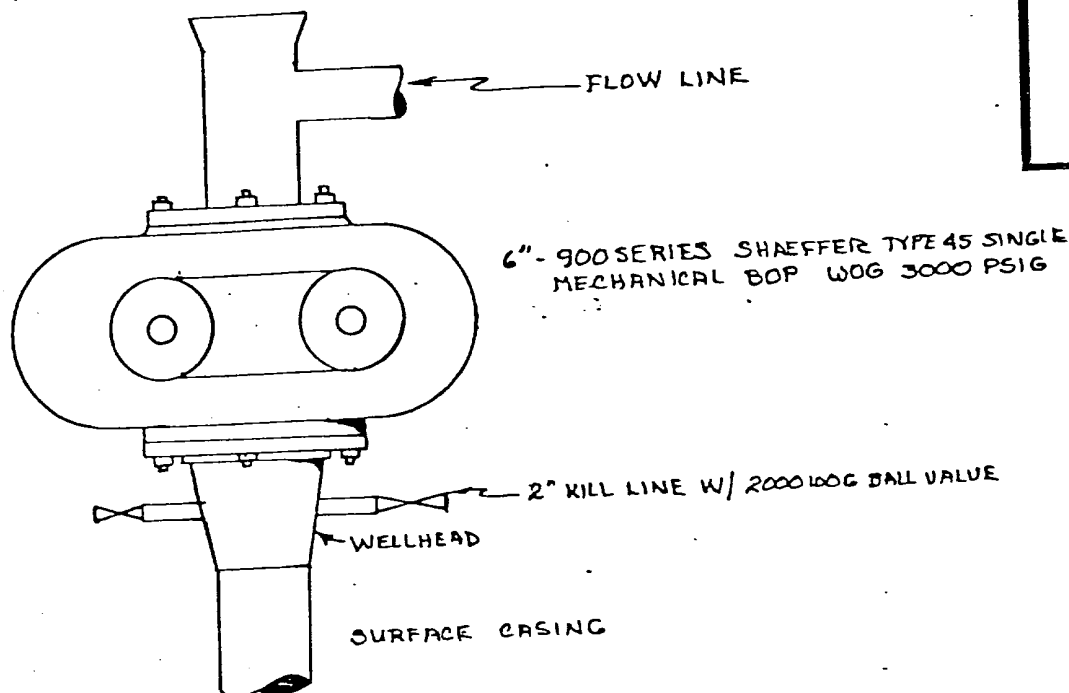
APPROVED BY:

SCALE: NONE

DATE: 8/15/79

SCHEMATIC

DRAWING NUMBER



SURFACE USE AND OPERATIONS PLAN

MERRION & BAYLESS  
Southland #6  
Section 10, T26N, R13W

- 1 & 2. A topographical map is attached showing location of drillsite and access road to location; new roads are color coded on the location map. The terrain is relatively flat and no improvements are planned on existing roads. A drive in truck mounted drilling rig will be used and will be driven in to the location with our road work. Our planned access road will be twelve feet in width, and will follow the existing terrain. No turnouts, culverts or cuts and fills are anticipated on the proposed access. In addition, natural drainage and surfacing material will be used.
3. Wells within one mile radius are shown on the topographical map.
4. A. Existing facilities owned or controlled by the Operator and shown on the attached map are as follows: wellheads.  
B. No new facilities are contemplated.  
C. Disturbed areas will be reseeded per BLM specifications.
5. A. Water will be hauled from the San Juan River.  
B. Truck will haul water on proposed access route shown.
6. No construction materials will be used.
7. Methods of disposal of waste materials:  
A. Cuttings will be buried in drilling pit.  
B. Drilling fluids will be buried in drilling pit.  
C. No produced fluids are anticipated.  
D. Sewage will be buried.  
E. Garbage and other waste material will be buried.  
F. Operator will clean up, fill, and level pits and reseed location per BLM specifications.
8. No ancillary facilities.
9. Wellsite layout attached.
10. Restoration of drillsite -- pits will be filled and levelled and reseeded per BLM specifications immediately after completion.
11. Other information: The lease is on Navajo Tribal surface land. The drillsite is fairly level, arid land with very little vegetation. There is no other surface use or facilities existent. An archeological survey statement will be furnished.
12. Operator representative: Robert L. Bayless (505) 325-5093  
P.O. Box 1541  
Farmington, NM 87401
13. Certification:

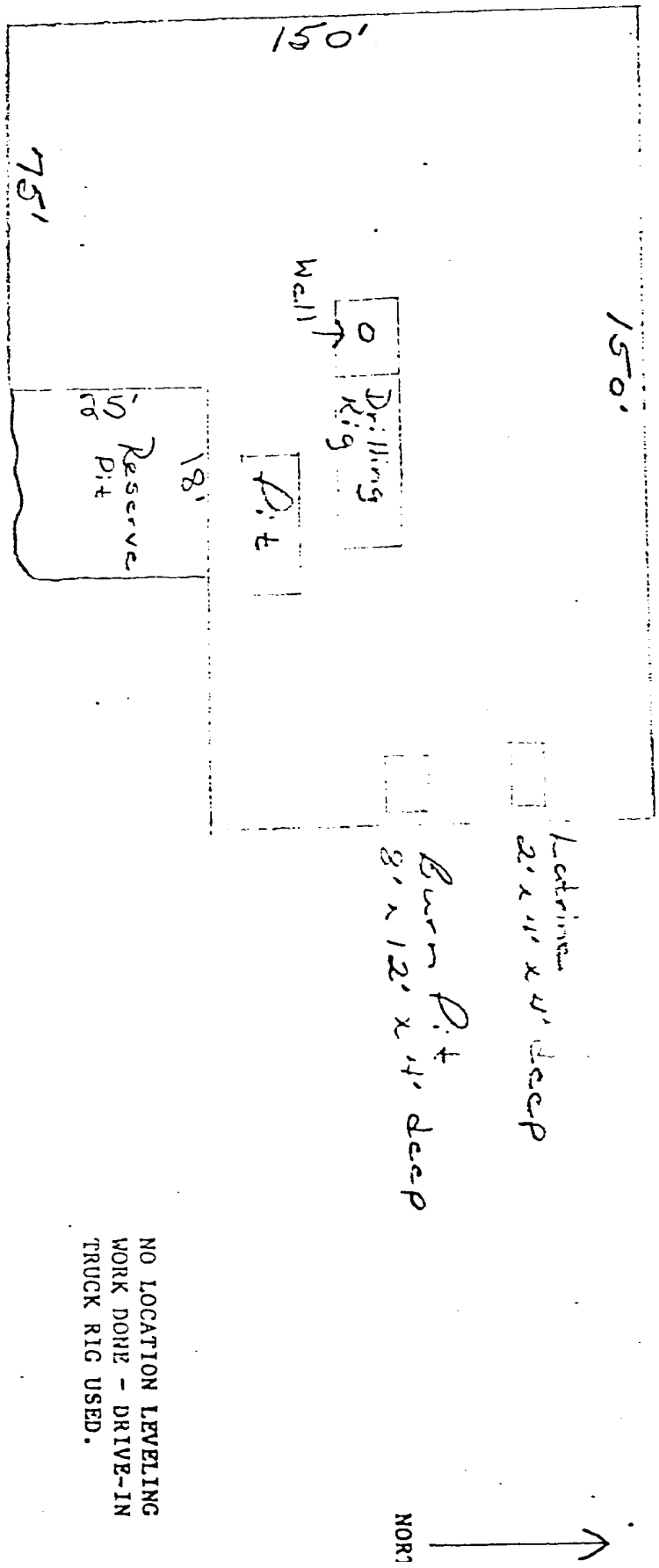
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated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

9-7-79  
\_\_\_\_\_  
DATE

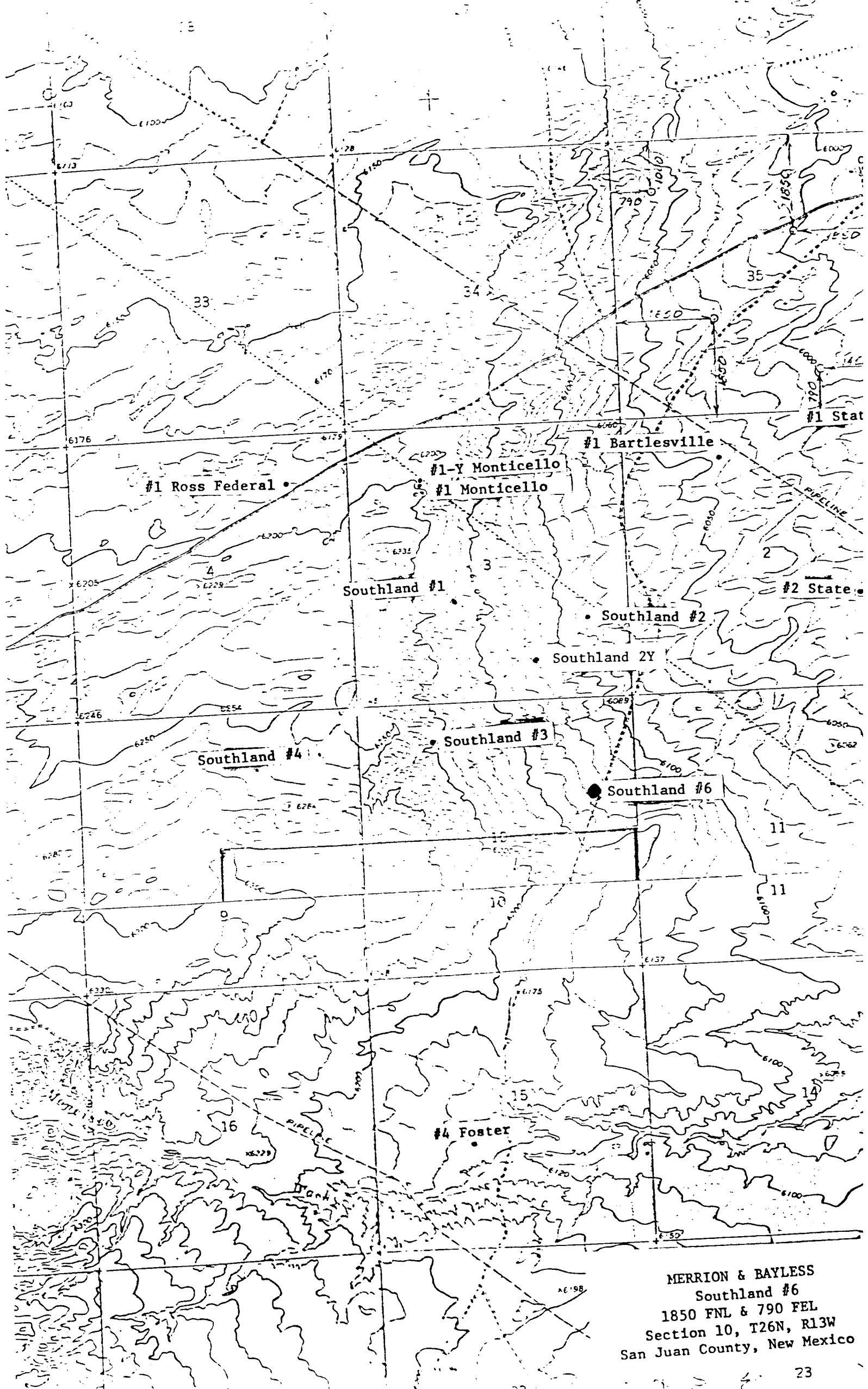
Original Signed By  
**ROBERT L. BAYLESS**  
\_\_\_\_\_  
ROBERT L. BAYLESS  
Co-Owner  
Merrion & Bayless

LOCATION AND EQUIPMENT LAY-OUT

MERRION & BAYLESS  
Southland #6  
1850 FNL & 790 FEL  
Section 10, T26N, R13W  
San Juan County, New Mexico



NO LOCATION LEVELING  
WORK DONE - DRIVE-IN  
TRUCK RIG USED.



MERRION & BAYLESS  
Southland #6  
1850 FNL & 790 FEL  
Section 10, T26N, R13W  
San Juan County, New Mexico