

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-075-23923

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-080238A	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR J. Gregory Merrion & Robert L. Bayless		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 1541, Farmington, NM 87401		8. FARM OR LEASE NAME Chaco	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1900 FSL & 790 FEL At proposed prod. zone same		9. WELL NO. 13	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 17 miles south of Farmington		10. FIELD AND POOL, OR WILDCAT WAW Fruitland/Pic. Cliffs	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 790'		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 10, T26N, R13W	
16. NO. OF ACRES IN LEASE 2374		12. COUNTY OR PARISH San Juan	
17. PROPOSED DEPTH 1380'		13. STATE N.M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 7900'		14. NO. OF ACRES ASSIGNED TO THIS WELL 160	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* December 1, 1979	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6160 ft. GL			

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-3/4"	7"	23 lb./ft.	90 ft.	30 sacks
5"	2-7/8"	6.4 lb./ft.	1380 ft.	150 sacks

Will drill 9-3/4" hole to 90 ft. and set 90 ft. of 7", 23 lb./ft., J-55 used casing with 30 sacks Class "H" cement. Will drill 5" hole to 1380 ft. and run 1380 ft. of 2-7/8", EUE, C-45 used casing and cement with 150 sacks Class "H" with 2% D-79 cement. No abnormal pressures or temperatures are anticipated. Circulating medium will be clear water, natural mud, and water loss control additives. Will run Induction and Density logs. Blowout preventer schematic attached. The gas from this formation is not dedicated.

ESTIMATED TOPS

FORMATION	DEPTH	CONTENT
Ojo Alamo	Surface	
Kirtland	90'	
Fruitland	1050'	
Pic. Cliffs	1260'	Natural Gas, Salt Water

RECEIVED

OCT 25 1979

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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
ROBERT L. BAYLESS
SIGNED _____ TITLE _____ Co-Owner DATE 10-24-79
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*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

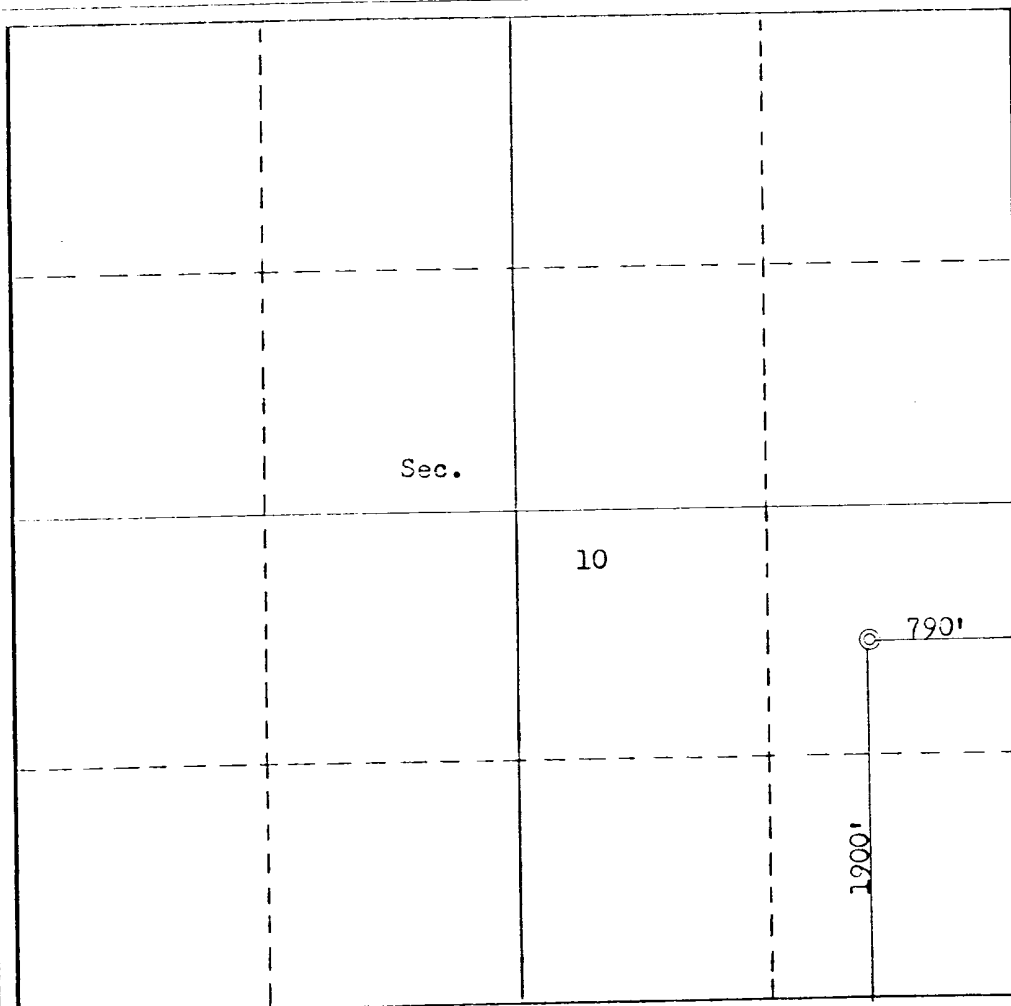
Operator MERRION & BAYLESS		Lease CHACO		Well No. 13	
Unit Letter I	Section 10	Township 26N	Range 13W	County San Juan	
Actual Footage Location of Well:					
1900 feet from the South line and		790 feet from the East line			
Ground Level Elev. 6160	Producing Formation Fruitland/Pic. Cliffs	Pool WAW	Dedicated Acreage: 160 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

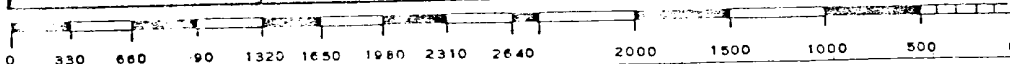
Date
October 10, 1979

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
September 21, 1979

Registered Professional Engineer and/or Land Surveyor
Fred S. Kerr, Jr.

Certificate No. **3950**



SURFACE WELL CONTROL EQUIPMENT

MERRION & BAYLESS
 Chaco #13
 1900 PSL & 790 FEL
 Section 10, T26N, R13W
 San Juan County, New Mexico

MERRION~BAYLESS

DRAWN BY

REVISED

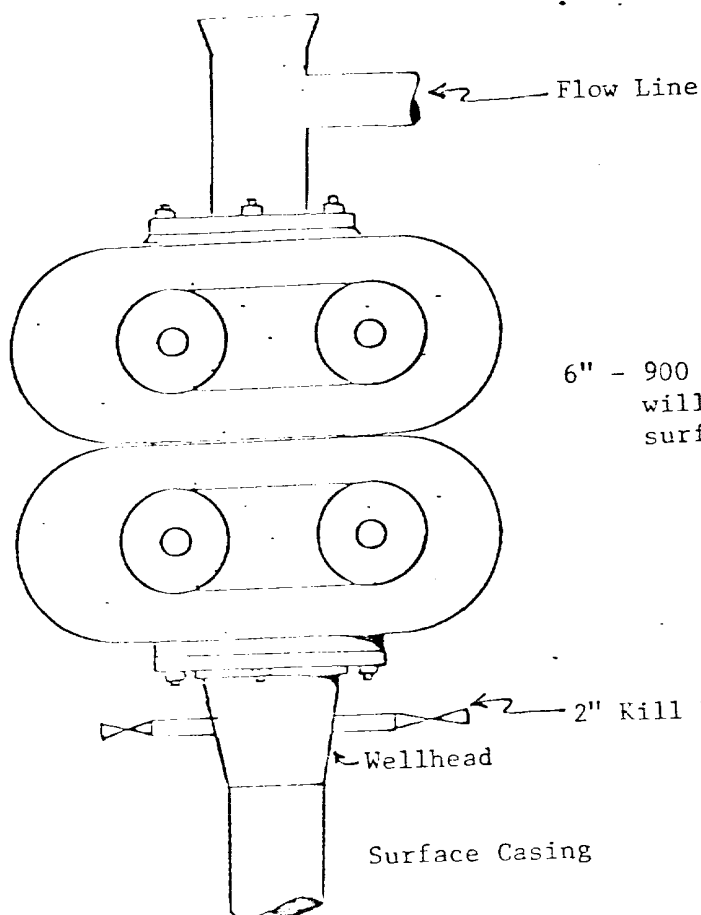
APPROVED BY:

SCALE:

DATE:

SCHEMATIC

DRAWING NUMBER



6" - 900 Series Mechanical Double Ram BOP which
 will be tested to 500 PSIG after setting of
 surface casing

MERRION & BAYLESS
Claco #13
1900 FSL & 790 FEL
Section 10, T26N, R13W
San Juan County, New Mexico

- 1 & 2. A topographical map is attached showing location of drillsite and access roads 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 leveled and reseeded per BLM specifications immediately after completions.
11. Other information: the lease is on Navajo Tribal surface land. The drillsite is fairly level, arid land and 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 per sons 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 and Bayless and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Original Signed By
ROBERT L. BAYLESS

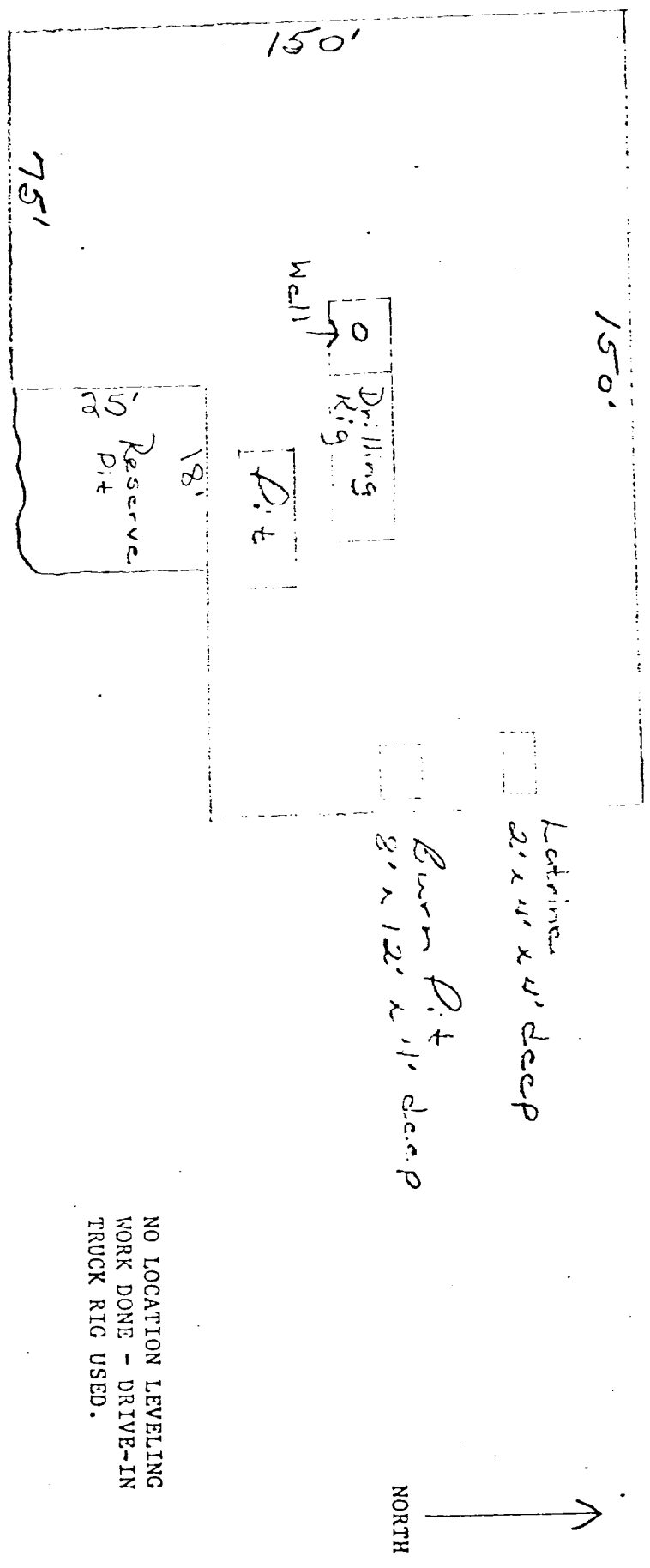
10-24-79
Date

ROBERT L. BAYLESS, Co-Owner
Merrion & Bayless

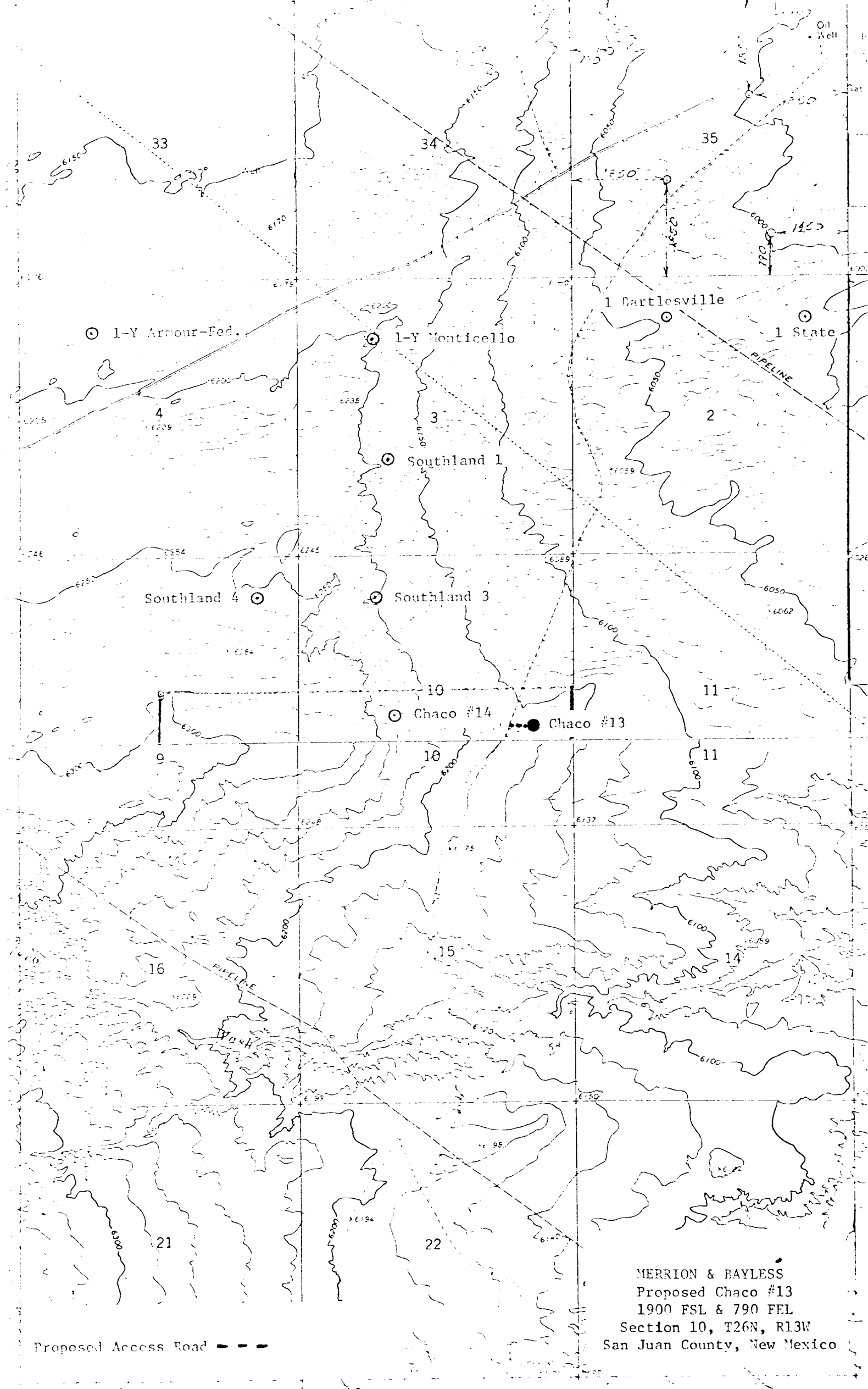
LOCATION AND EQUIPMENT LAY-OUT

Shallow Wells

WERRION & BAYLESS
Chaco #13
1900 FSL & 790 FFL
Section 10, T26N, R13W
San Juan County, New Mexico



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



MERRION & BAYLESS
Proposed Chaco #13
1900 FSL & 790 FEL
Section 10, T26N, R13W
San Juan County, New Mexico

Proposed Access Road - - -