

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

30-045-02430

5. LEASE DESIGNATION AND SERIAL NO.  
SF 030238A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Chaco

9. WELL NO.  
6

10. FIELD AND POOL, OR WILDCAT  
Wildcat - *Pictured Cliff*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 12, T26N, R13W

12. COUNTY OR PARISH  
San Juan

13. STATE  
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 and Robert L. Bayless

3. ADDRESS OF OPERATOR  
P.O. Box 1541, Farmington, N.M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
1850 FNL and 1850 FWL  
 At proposed prod. zone  
same

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

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.  
1300 ft.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6022 G.L.

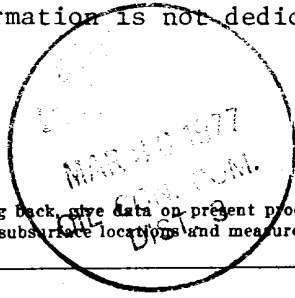
22. APPROX. DATE WORK WILL START\*  
As soon As Possible

**23. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7-7/8	5-1/2	15.5	30	10 sax
4-3/4	2-7/8	6.4	1300	100 sax

Will drill 7-7/8" hole to 30 ft. and set 30 ft. of 5-1/2", 15.5 lb. casing with 10 sax cement. Will drill 4-3/4" hole to 1300 ft. and run logs. If appears productive, will run 1300 ft. of 2-7/8", 6.4 lb., J-55 casing and cement with 100 sax. Will perforate and stimulate as required.

Note: The gas from this formation is not dedicated.



MAR 29 1977

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. SIGNED Steven S. Alumn TITLE Engineer DATE March 28, 1977  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Fbrn C-102  
Supersedes C-128  
Effective 1-1-65

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

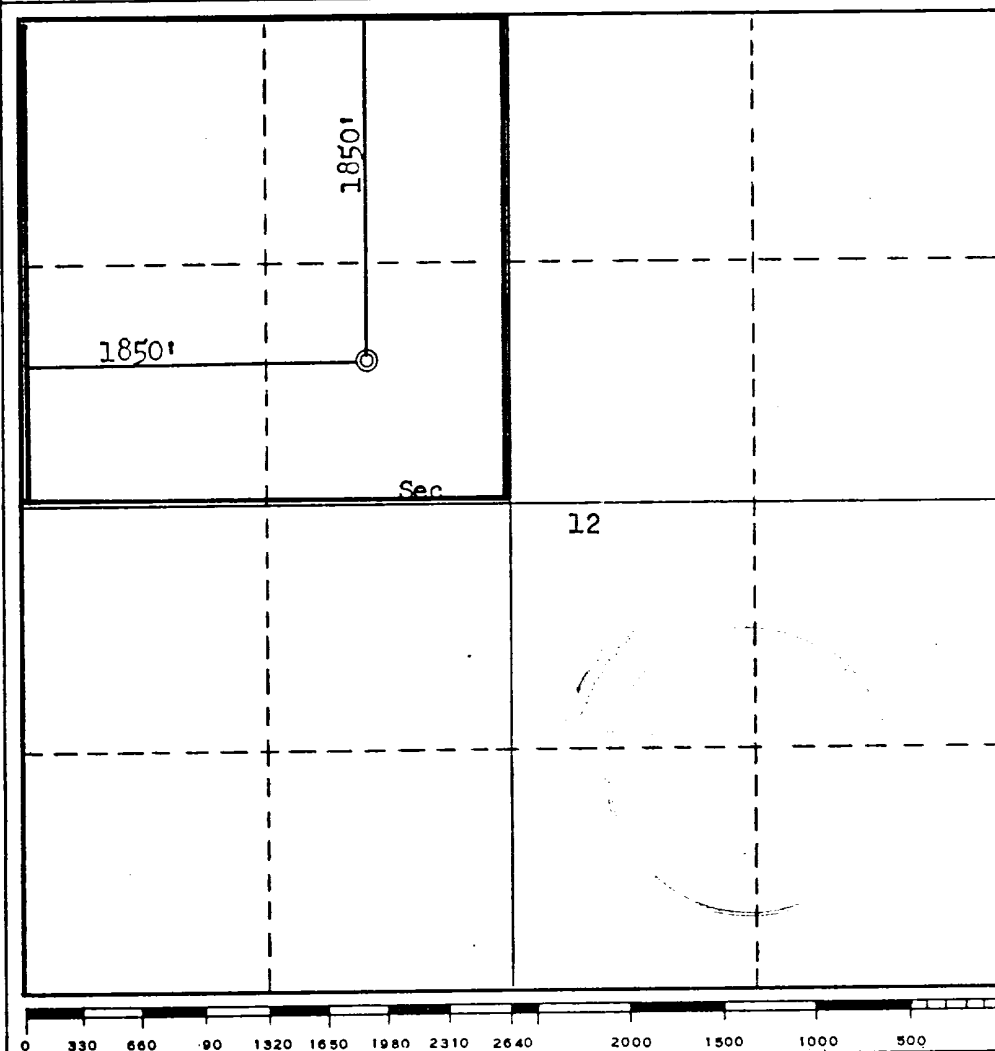
Operator <b>Merrion &amp; Bayless</b>		Lease <b>Chaco</b>			Well No. <b>6</b>
Unit Letter <b>F</b>	Section <b>12</b>	Township <b>26N</b>	Range <b>13W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1850</b> feet from the <b>North</b> line and <b>1850</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6022</b>	Producing Formation <b>Picture Cliff</b>		Pool <i>Wildcat</i>	Dedicated Acreage: <input checked="" type="checkbox"/> <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.

Name  
*Steve Salinas*  
Position  
**Engineer**  
Company  
**Merrion & Bayless**  
Date  
**March 28, 1977**

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  
**March 24, 1977**  
Registered Professional Engineer and/or Land Surveyor  
*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**  
Certificate No.  
**3950**

NTL-6 REQUIREMENTS

CHACO #6

Section 12, T26N, R13W  
San Juan County, New Mexico

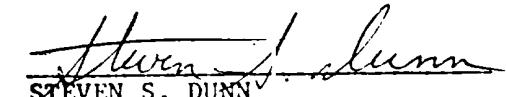
- 1 & 2. A topographical map is attached showing location of drill site and access roads to location. The terrain is relatively flat and no new roads will be built. A drive-in truck-mounted drilling rig will be used and will be driven in to the location with our road work.
3. Wells within one mile radius are shown on the topographical map.
4. There are no existing or proposed facilities.
5. Water will be hauled from the San Juan River by truck.
6. No construction materials will be used.
7. Drill cuttings will be placed in a pit and covered when dry and location will be cleaned after work on well is completed.
8. No ancillary facilities.
9. Well site layout attached.
10. Restoration of drillsite -- pits will be filled and leveled and area reseeded to BLM specifications.
11. Other information: 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. Verbal clearance was given by the archeological representative on site.
12. Operator representative:

Robert L. Bayless  
P.O. Box 1541  
Farmington, N.M. 87401  
Office phone: 325-5093  
Home phone: 325-8985

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.

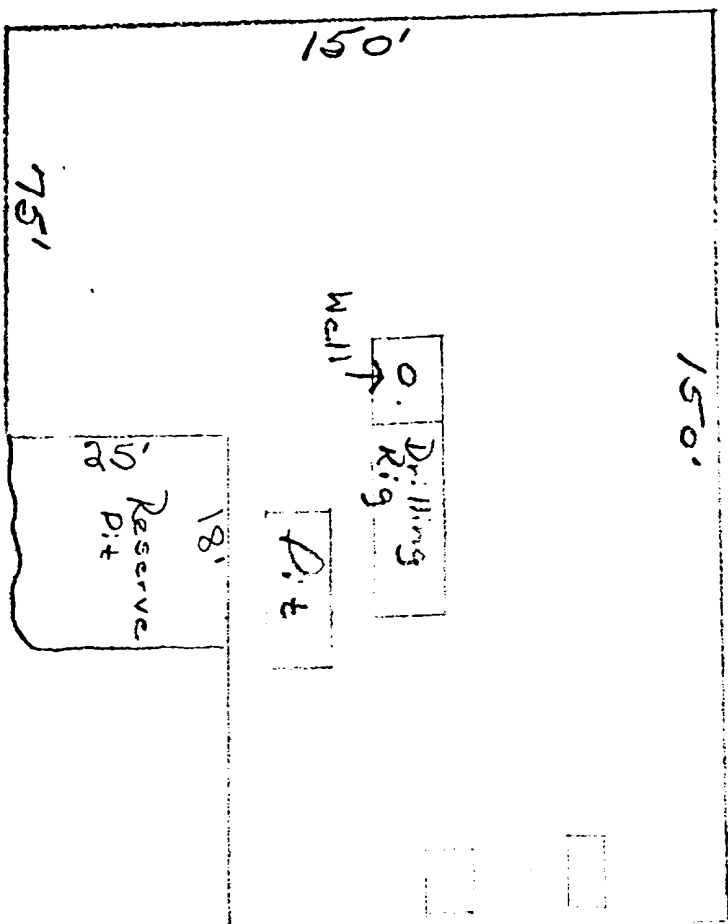
28 MARCH 77  
Date

  
STEVEN S. DUNN  
Engineer

LOCATION AND EQUIPMENT LAY-OUT

MERRION & BAYLESS  
Chaco #6  
Section 12, T26N, R13W

Shallo:

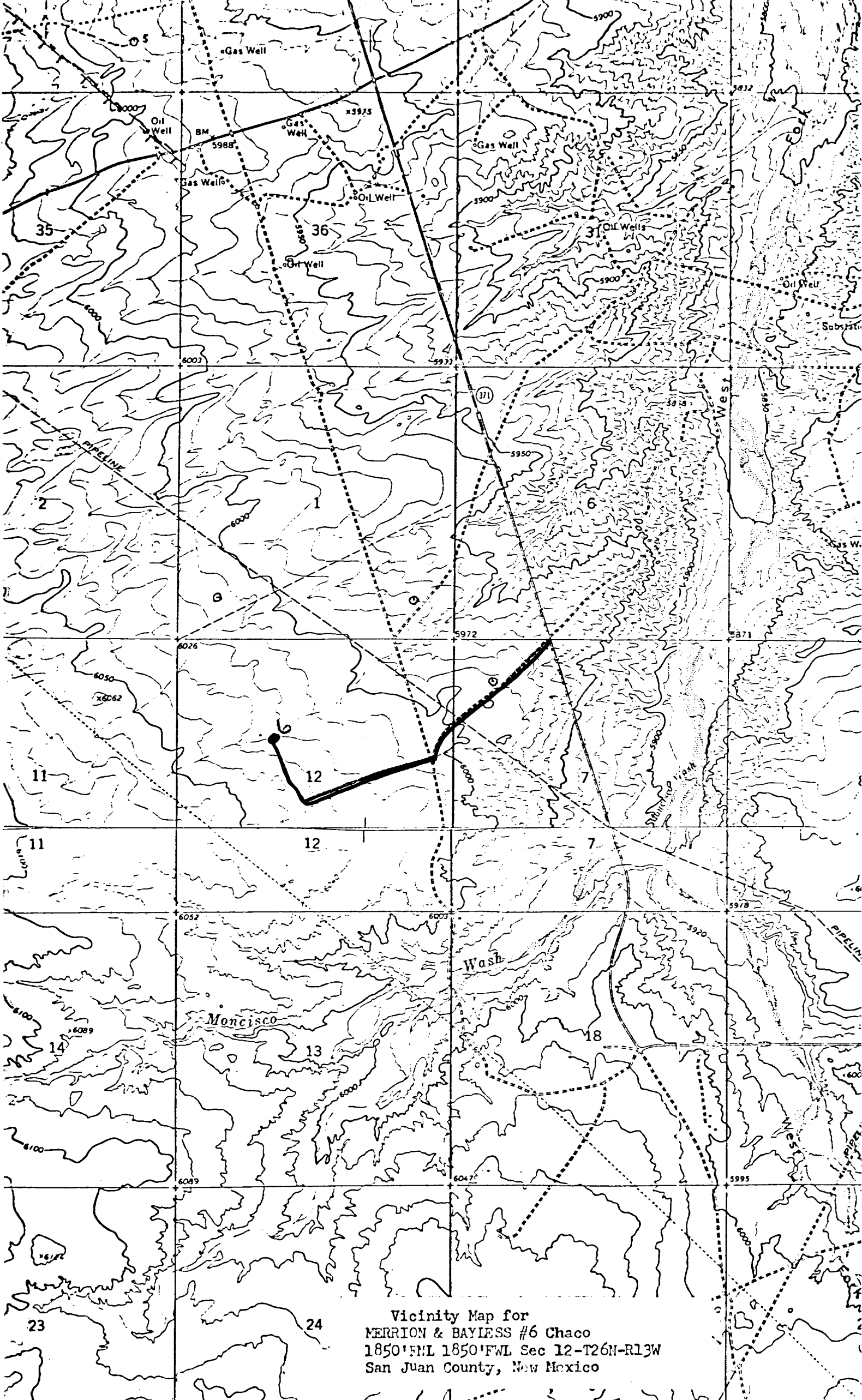


Latrine  
2' x 4' x 4' deep

Burn Pit  
8' x 12' x 4' deep



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



Vicinity Map for  
 MERRION & BAYLESS #6 Chaco  
 1850' EML 1850' FWL Sec 12-T26N-R13W  
 San Juan County, New Mexico