

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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 FSL & 1750 FWLAt 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

2374.04

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.

## 19. PROPOSED DEPTH

1300 ft.

## 20. ROTARY OR CABLE TOOLS

Rotary

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

5991' GL

## DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

PROPOSED CASING AND CEMENTING PROGRAM

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

As soon as possible

## 23.

This action is subject to administrative  
appeal pursuant to 30 CFR 290.1

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-3/4"	7"	23#	90 ft.	30 sacks, circulated
5"	2-7/8"	6.4#	1300 ft.	150 sacks

Will drill 9-3/4" hole to 90 ft. and set 90 ft. of 7", 23#, J-55 used casing with 30 sacks Class H cement, circulated to surface. Will drill 5" hole to 1300 ft. and run 1300 ft. of 2-7/8", EUE, C-45 used casing and cement with 150 sacks Class H w/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 dedicated to a gas contract.

Formation	Estimated Tops Depth	Content
Ojo Alamo	Surface	
Kirtland	155 ft.	
Fruitland	910 ft.	
Pic. Cliffs	1200 ft.	Natural gas



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 depth. Give blowout preventer program, if any.

## 24.

SIGNED

TITLE

Operator

DATE March 16, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

DATE

JUL 27 1981

for JAMES F. SIMS  
DISTRICT ENGINEER

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

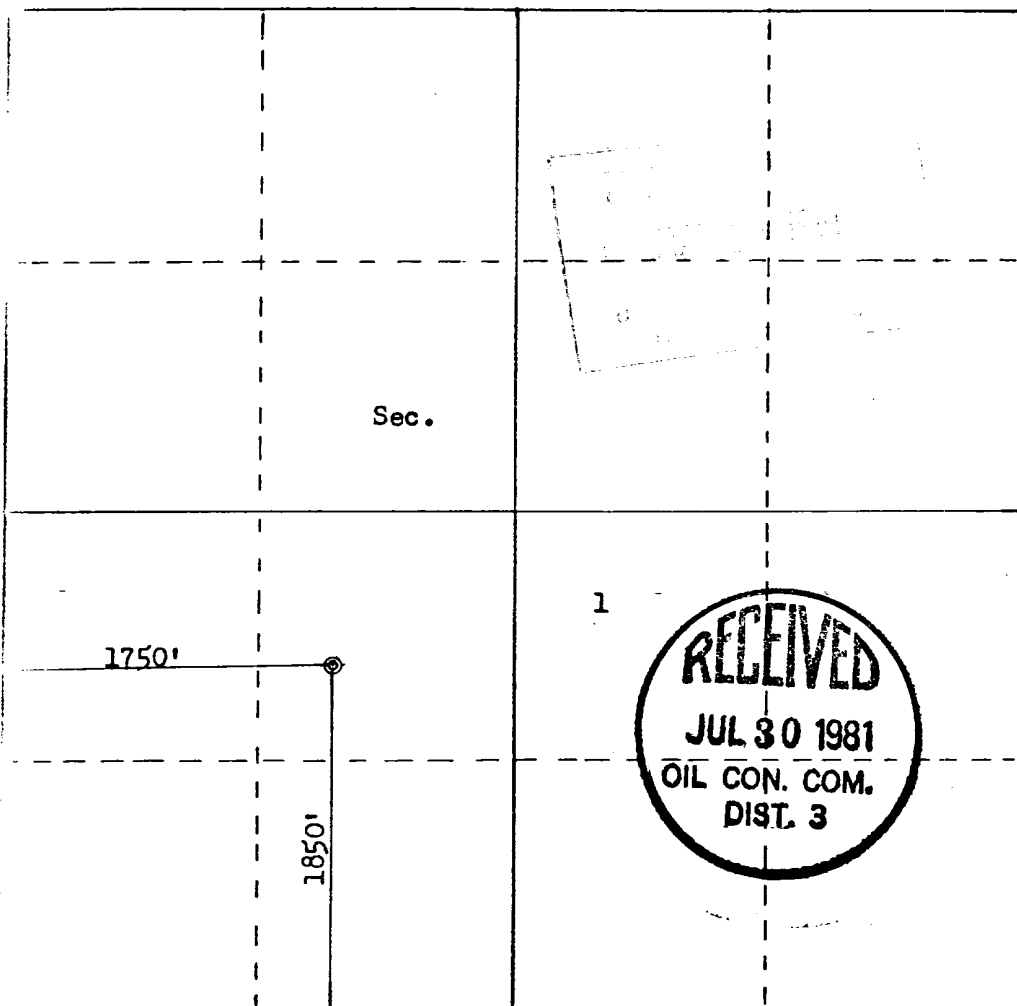
Operator <b>MERRION &amp; BAYLESS</b>			Lease <b>CHACO LIMITED</b>		Well No. <b>1-J</b>
Unit Letter <b>K</b>	Section <b>1</b>	Township <b>26N</b>	Range <b>13W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1850</b> feet from the <b>South</b> line and <b>1750</b> feet from the <b>West</b> line					
Ground Level Elev: <b>5991</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.



Scale: 1"=1000'

CERTIFICATION

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

Name  
**J. Gregory Merrion**

Position  
**Co-Owner**

Company  
**MERRION & BAYLESS**

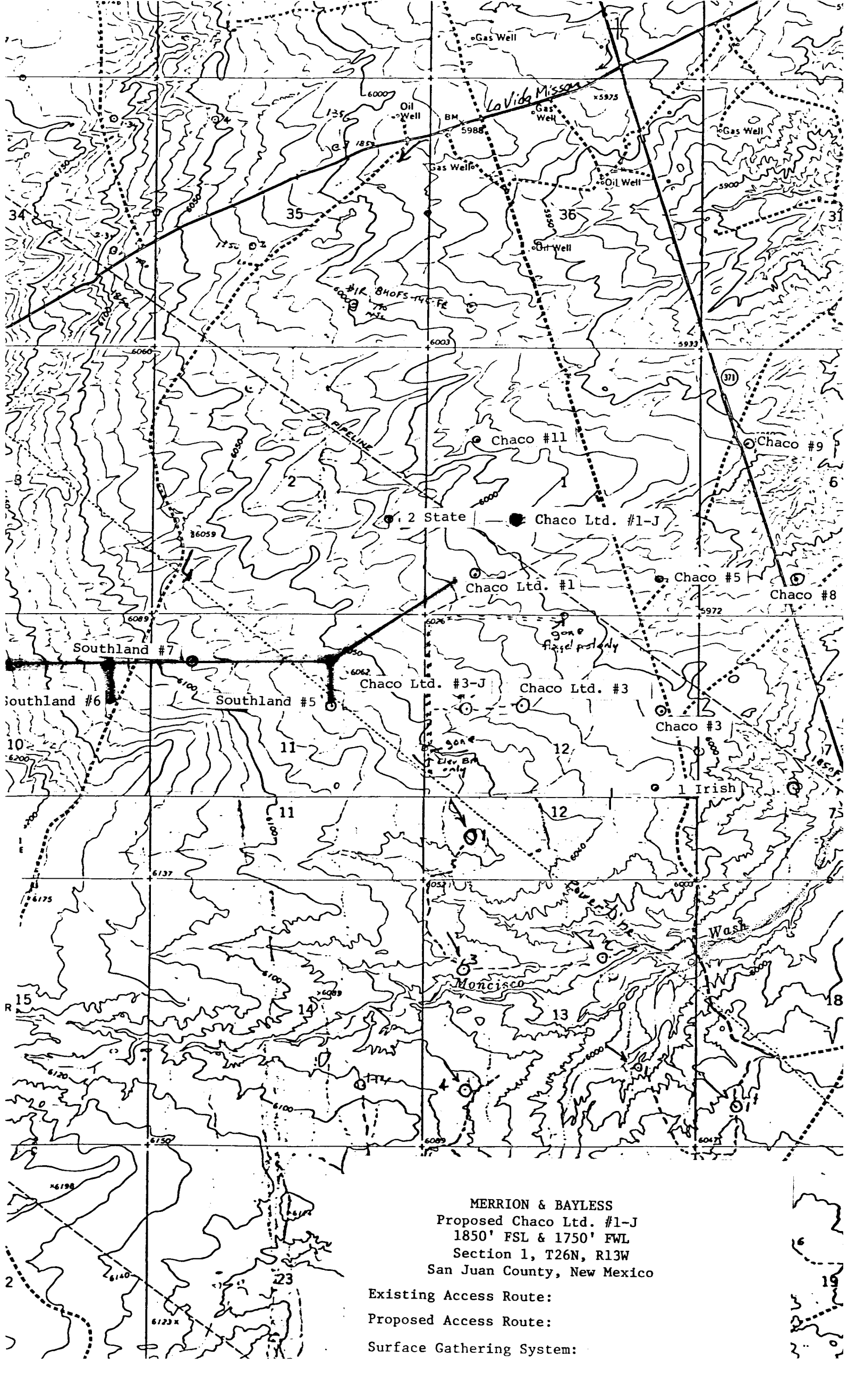
Date  
**March 16, 1981**

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  
**February 17, 1981**

Registered Professional Engineer and Land Surveyor  
**Fred B. Ketchum**

Certificate No.  
**3950**



MERRION & BAYLESS  
Proposed Chaco Ltd. #1-J  
1850' FSL & 1750' FWL  
Section 1, T26N, R13W  
San Juan County, New Mexico

Existing Access Route:  
Proposed Access Route:  
Surface Gathering System: