

UNITED STATES  
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

JUL 22 1983

RECEIVED

30-039-23256

5. LEASE DESIGNATION AND SERIAL NO.

NM-40204

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Badlands

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

So. Blanco Picture Cliffs

11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA Ext.

Sec. 16-T23N-R1W

N.M.P.M.

12. COUNTY OR PARISH

Rio Arriba

13. STATE

N.M.

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐DISPLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

JACK A. COLE

## 3. ADDRESS OF OPERATOR

P.O. Box 191 Farmington, New Mexico 87499

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

At surface

1190' FNL, 840' FWL

At proposed prod. zone

Same

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

5 miles Northwest of Regina, N.M.

## 15. DISTANCE FROM PROPOSED\*

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

580'

## 16. NO. OF ACRES IN LEASE

715.5

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.

800'

## 19. PROPOSED DEPTH

3335'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

7527' G.L.

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

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

7/25/83

## 23.

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative  
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0	120'	120 cu. ft.
6-3/4"	4-1/2"	10.50	3335'	290 cu. ft.

All producing intervals in Pictured Cliffs Formation will be perforated and stimulated as necessary.

## EXHIBITS

"A" Location & Elevation Plat  
"B" Ten Point Compliance Program  
"C" Blowout Preventer Diagram  
"D" Multi-Point Requirement for APD

"E" Access Road to Location  
"F" Radius Map of Field  
"G" Drill Rig Layout  
"H" Fracturing Program Layout  
"I" Location Profile

The gas from this well is committed.

The NW/4, Section 16 is dedicated to this well.

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. FOR: JACK A. COLE

ORIGINAL SIGNED BY

SIGNED

Ewell N. Walsh, PE President

Walsh Engr. &amp; Prod. Corp.

DATE 6/24/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED  
AS AMENDED

DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Val 1104 for community center  
ehd

\*See Instructions On Reverse Side

JUL 21 1983

Jim Lewis

## OIL CONSERVATION DIVISION

P. O. BOX 2088

STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

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

Operator <b>JACK A. COLE</b>		Lease <b>BADLANDS</b>		Well No. <b>2</b>	
Section <b>16</b>	Township <b>23N</b>	Range <b>1W</b>	County <b>Rio Arriba</b>		
Actual Footage Location of Well: <b>190</b> feet from the <b>North</b> line and <b>790</b> feet from the <b>West</b> line					
Ground Level Elev. <b>535</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>So. Blanco Pictured Cliffs Ext</b>	Dedicated Acreage: <b>160</b> Acres		

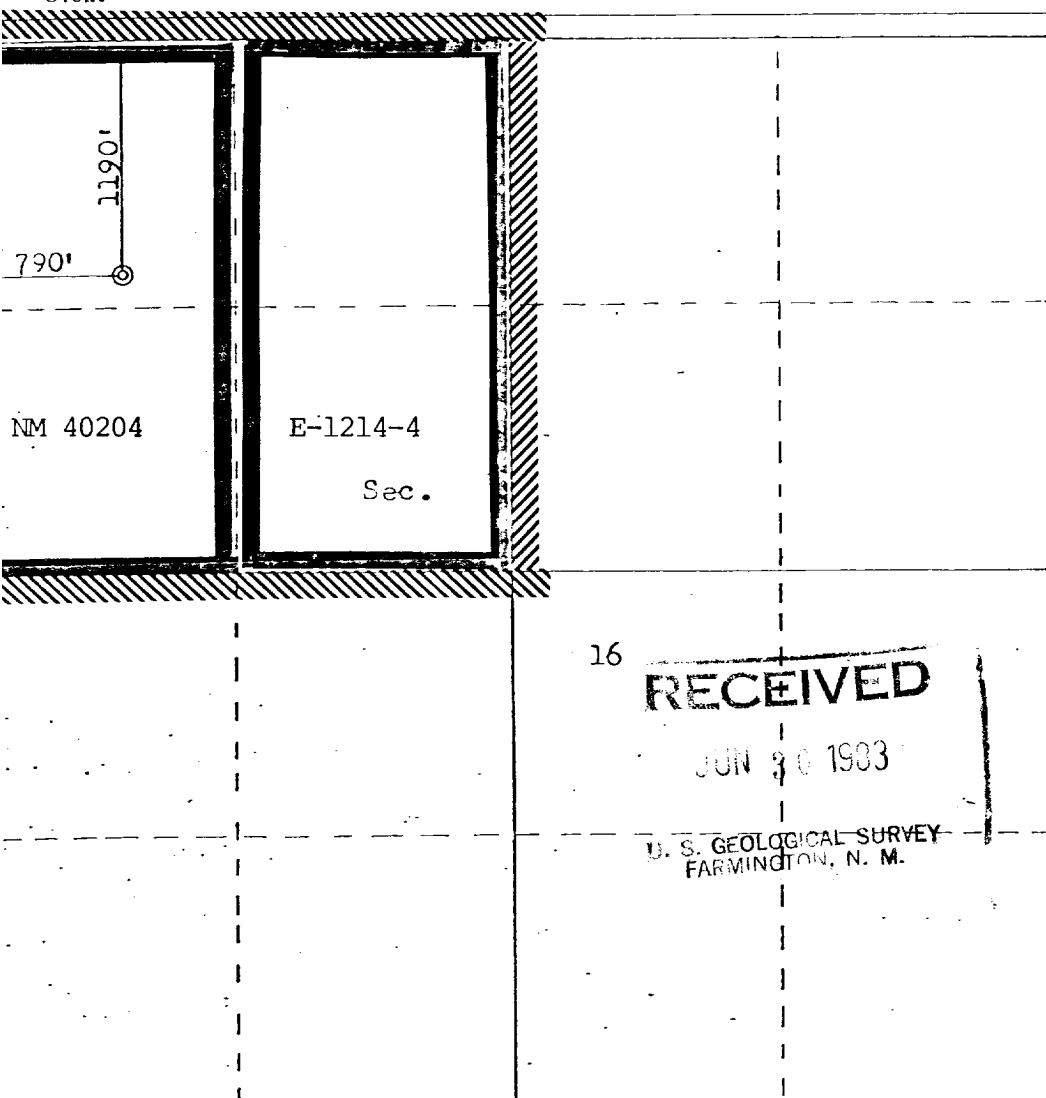
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 Future Commitization

State Lease No: E-1214-4

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.

FOR: JACK A. COLE

ORIGINAL SIGNED BY

Name **EWELL N. WALSH**  
Ewell N. Walsh, P.E.Position  
PresidentCompany  
Walsh Engr. & Prod. Corp.Date  
6/30/83

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  
June 28, 1983Registered Professional Engineer  
and Land Surveyor  
Fred B. Kerr, Jr.

Certificate No. 4182, V. 1



EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM

OF NTL-6 APPROVAL OF OPERATIONS

RECEIVED  
JUL 22 1983  
OIL CON. DIV.  
DIST. 3

Attached to Form 9-331C      JACK A. COLE  
                                 BADLANDS No. 2  
                                 1690'FNL, 840'FWL, Section K-T23N-R1W  
                                 Rio Arriba County, New Mexico

1.      The Geologic Surface Formation

Nacimiento

2.      Estimated Tops of Important Geologic Markers

Ojo Alamo                - 2950'  
Pictured Cliffs - 3200'

3.      Estimated Depths of Anticipated Water, Oil, Gas or Minerals

Ojo Alamo                - 2950'; water  
Pictured Cliffs - 3200'; gas

4.      The Proposed Casing Program

<u>Hole Size</u>	<u>Interval</u>	<u>Section Length</u>	<u>Size (OD)</u>	<u>Weight, Grade and Joint</u>	<u>New or Used</u>
12¼"	0-120'	120'	8-5/8"	24# K-55 8 round ST&C	New
6-3/4"	0-3335'	3335'	4½"	10.50# K-55 8 round ST&C	New

