

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-23255

5. LEASE DESIGNATION AND SERIAL NO.

NM-28694

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Badlands

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

So. Blanco Pictured Cliffs
Extension

11. SEC., T., R., M., OR BLK.

Sec. 9-123N-R1W
N.M.P.M.

12. COUNTY OR PARISH

Rio Arriba

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

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' FSL, 1850' 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 drlg. unit line, if any)

1190'

16. NO. OF ACRES IN LEASE

640

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.

900'

19. PROPOSED DEPTH

3450'

20. ROTARY OR CABLE TOOLS

Rotary

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

7590 7396' G.L.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

7/25/93

23.

"GENERAL REQUIREMENTS":
PROPOSED CASING AND CEMENTING PROGRAMThis 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	3450'	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" Radiul Map of Field

"G" Drill Rig Layout

"H" Fracturing Program Layout

"I" Location Profile

The gas from this well is committed.

The SW/4, Section 9 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
EWELL N. WALSHPresident, Walsh Engr.
& Prod. Corp.

6/24/83

SIGNED

Ewell N. Walsh, P.E.

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

JUL 21 1983

*See Instructions On Reverse Side

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

Operator Jack A. Cole		Lease Bad Lands		Well No. 1	
Init Letter N	Section 9	Township 23N	Range 1W	County Rio Arriba	
Actual Footage Location of Well:					
1190 feet from the South		line and 1850		feet from the West line	
Ground Level Elev: 7590	Producing Formation Pictured Cliffs	Pool So. Blanco Pictured Cliff Ext.		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?

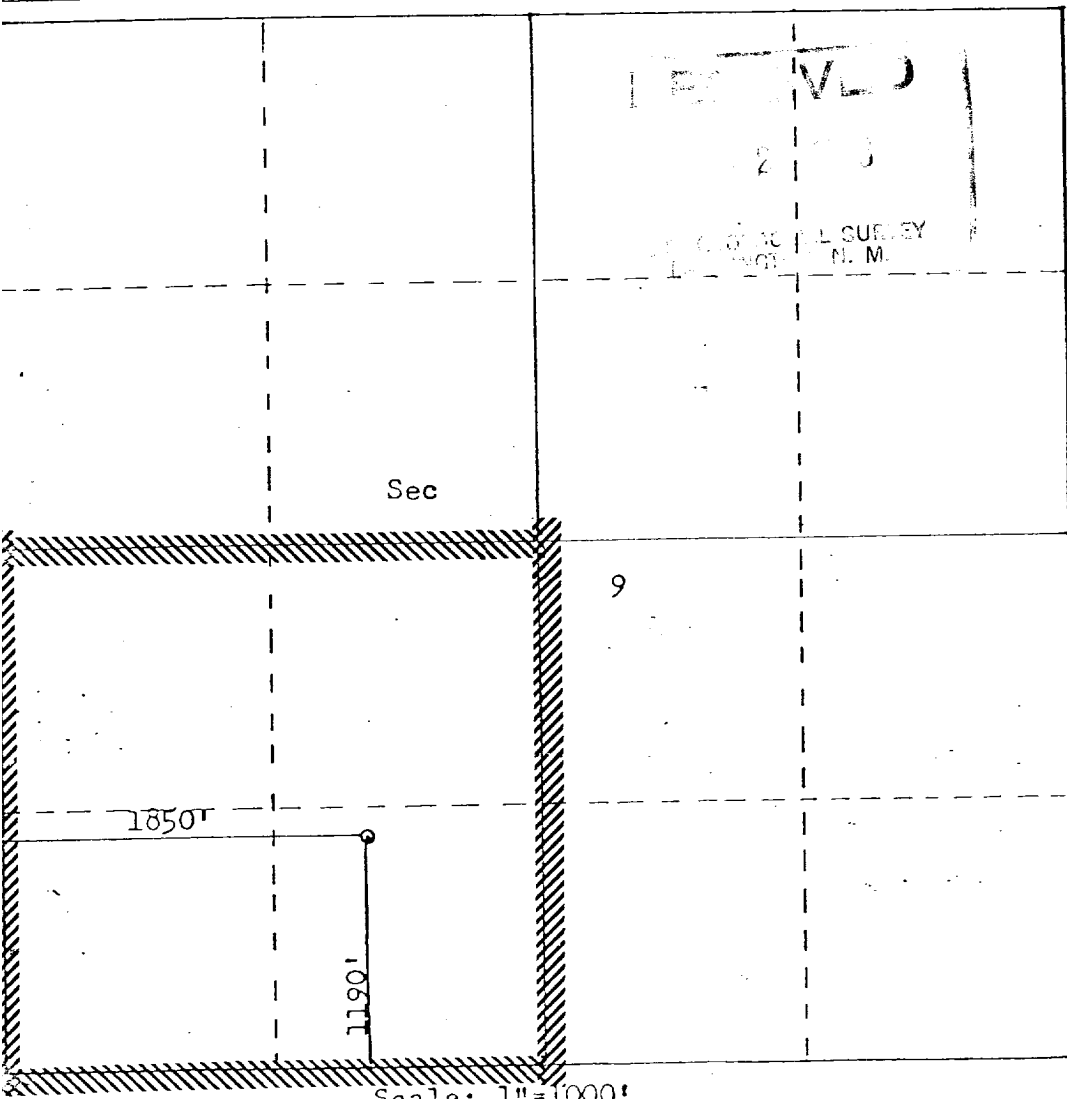
☐ Yes ☐ No If answer is "yes," type of consolidation _____

OIL CON. DIV.

DIST. 3

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
President

Company
Walsh Engr. & Prod. Corp.

Date
6/24/83

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 21, 1983

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.

Certificate No. **4288**

3950

[illegible]

LAND