

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPE

APR 21 1981

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 87401

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

At surface
1850' FNL 1850' FEL

At proposed prod. zone Same

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

32 miles Northwest of Cuba, N.M.

15. DISTANCE FROM PROPOSED*

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

1850'

16. NO. OF ACRES IN LEASE

2240.91

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.

2000'

19. PROPOSED DEPTH

3130'

20. ROTARY OR CABLE TOOLS

Rotary

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

7335' GL.

22. APPROX. DATE WORK WILL START*

5/15/81

23.

PROPOSED CASING AND CEMENTING PROGRAM

This section is subject to administrative
approval pursuant to 24 CFR 200

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0	85'	100 sacks
7-7/8"	4-1/2"	10.50	3130'	150 sacks

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

EXHIBITS

- | | |
|--------------------------------------|-------------------------------|
| "A" Location & Elevation Plat | "E" Access Road to Location |
| "B" Ten Point Compliance Program | "F" Radius Map of Field |
| "C" Blowout Preventer Diagram | "G" Drill Rig Layout |
| "D" Multi-Point Requirements for APD | "H" Fracturing Program Layout |
| | "I" Location Profile |

The gas from this well is committed.

The NE 1/4, Section 25 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

President, Walsh Engr.
& Production Corp.

SIGNED

Ewell N. Walsh, P.E.

TITLE

DATE

3/24/81

(This space for Federal or State office use)

PERMIT NO.

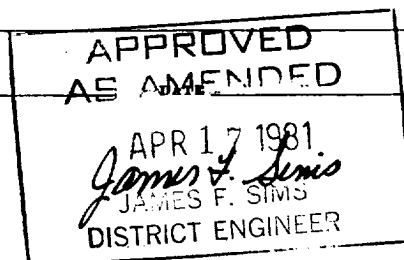
APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-107
Revised 10-1

STATE OF NEW MEXICO

SANTA FE, NEW MEXICO 87501

ENERGY AND MINERALS DEPARTMENT

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

Operator JACK A. COLE		Lease INDIAN BEND		Well No. 6	
Unit Letter G	Section 25	Township 23N	Range 3W	County Sandoval	
Actual Footage Location of Well: 1850' feet from the North line and 1850 feet from the East line					
Ground Level Elev. 7335	Producing Formation Pictured Cliffs		Pool Ballard Pictured Cliffs		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.

Sec. 4		1850'	
		1850'	
25		RECEIVED APR 21 1981 OIL CON. COM. DIST. 3	

Scale: 1"=1000'

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 BYName **EWELL N. WALSH**

Ewell N. Walsh, P.E.

Position

President

Company
Walsh Engineering & Production Corporation

Date

March 23, 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

March 16, 1981

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr, Jr.

Certificate No.

3950

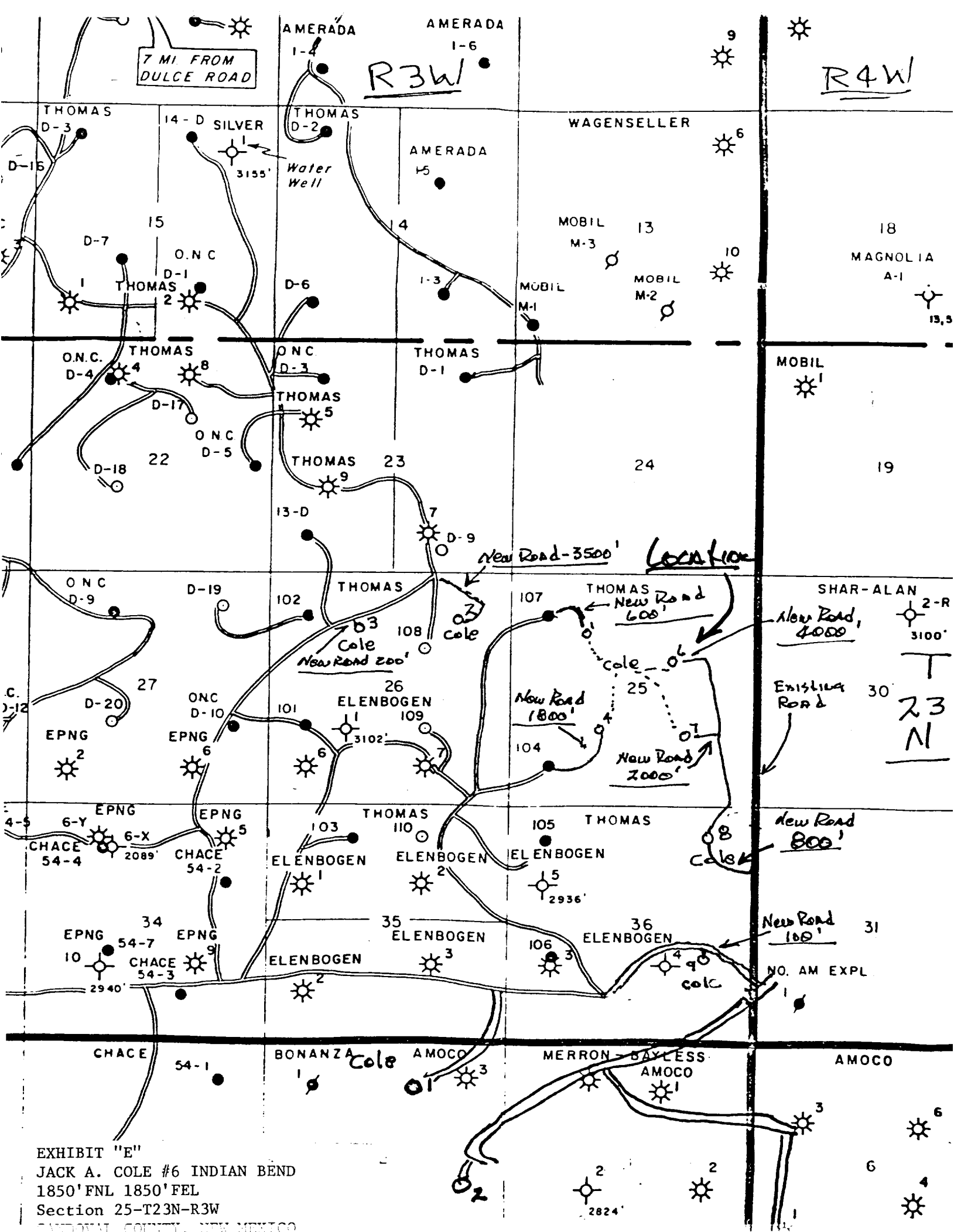


EXHIBIT "E"

JACK A. COLE #6 INDIAN BEND

1850' FNL 1850' FEL

Section 25-T23N-R3W

SANDOVAL COUNTY, NEW MEXICO