

30-043-20557
Form approved.
Budget Bureau No. 42-R1425.
30-043-20558

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ 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
1120' FNL, 1120' FWL
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) 1120'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1000

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7386' GL

23. PROPOSED CASING AND CEMENTING PROGRAM

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

5. LEASE DESIGNATION AND SERIAL NO.

Contract No. 55-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Indian Bend

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Ballard Pictured Cliff

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 25-T23N-R3W
N.M.P.M.

12. COUNTY OR PARISH
Sandoval

13. STATE
N.M.

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
5/15/81

24. QUANTITY OF CEMENT
100 sacks
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 NW/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
SIGNED: EWELL N. WALSH
President, Walsh Engr. & Production Corp.
DATE: 3/24/81

(This space for Federal or State office use)

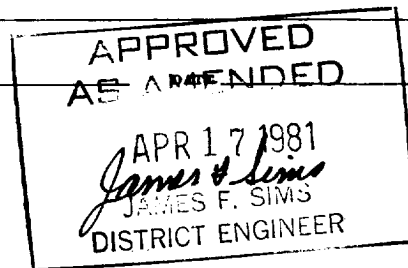
PERMIT NO. APPROVAL DATE

APPROVED BY TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NMOCC



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

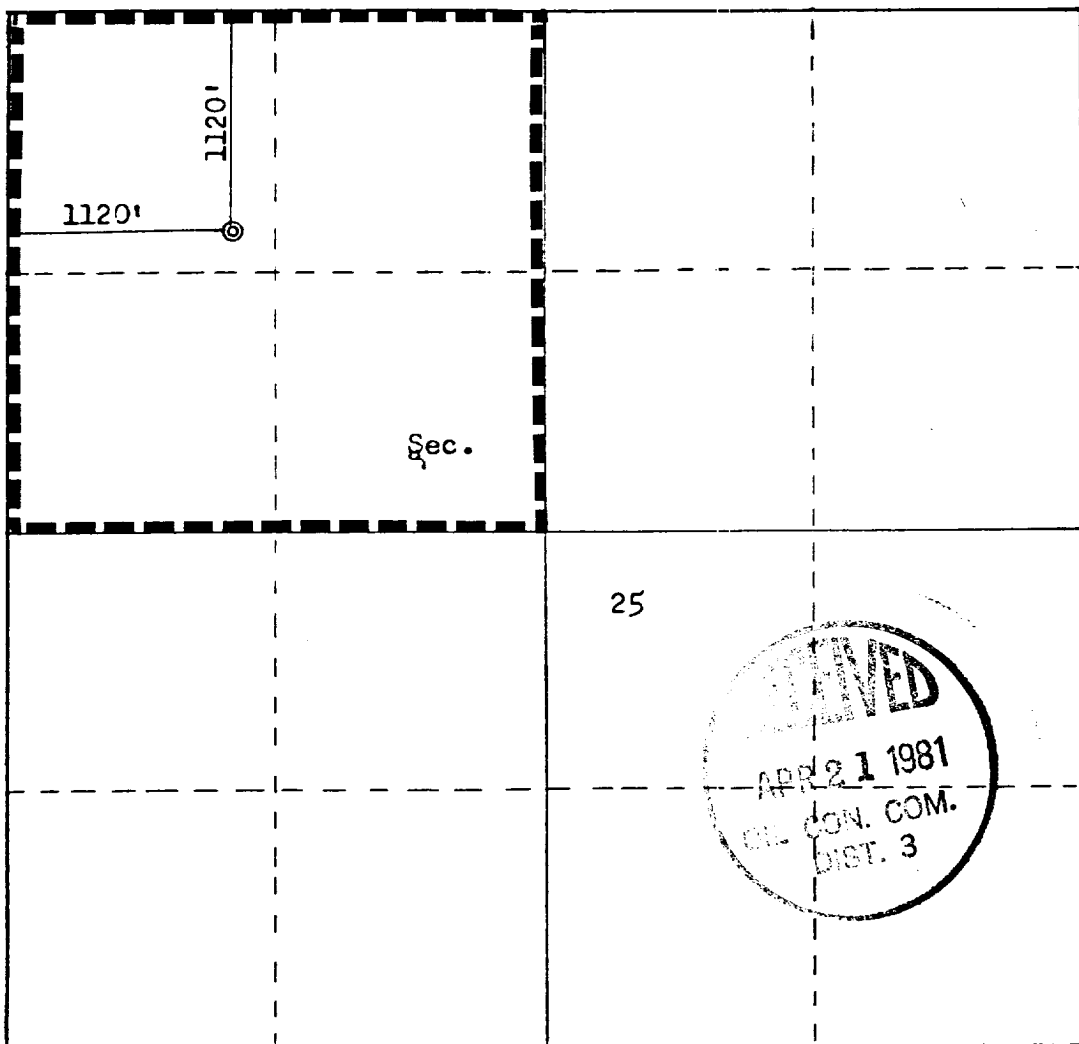
Operator: JACK A. COLE		Lease INDIAN BEND		Well No. 1
Unit Letter D	Section 25	Township 23N	Range 3W	County Sandoval
Actual Footage Location of Well: 1120 feet from the North line and 1120 feet from the West line				
Ground Level Elev. 7386	Producing Formation Pictured Cliffs	Pool Ballard Pictured Cliffs	Dedicated Acreage: 160 Acres	

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

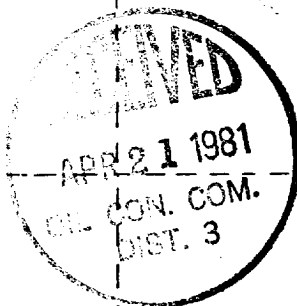
☐ Yes ☐ No If answer is "yes," type of consolidation _____

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'



<p align="center">CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>FOR: JACK A. COLE ORIGINAL SIGNED BY</p>	
Name	EWELL N. WALSH
Ewell N. Walsh, P. E.	
Position	President
Company	Walsh Engineering & Prod Corp
Date	March 23, 1981
<p>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.</p>	
Date Surveyed	March 1, 1981
Registered Professional Engineer and Land Surveyor	Fred B. Kerr, Jr.
Certificate No.	3950

