

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

API 30-43-20223

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Contract 393	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Jack A. Cole		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 191, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Apache Flats	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 790/S and 790/W Sec. 28-T23N-R4W At proposed prod. zone Same		9. WELL NO. 3	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 70 miles SE Bloomfield, New Mexico		10. FIELD AND POOL OR WILDCAT Ballard - Pictured Cliffs Wildcat - Chacra	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINK, FT. (Also to nearest drlg. unit line, if any) 790'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28-T23N-R4W	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NONE		12. COUNTY OR PARISH Sandoval	
16. NO. OF ACRES IN LEASE 1920		13. STATE N.M.	
19. PROPOSED DEPTH 3100'		14. COM. OF ACRES ASSIGNED TO THIS WELL 160 8/160	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6981 GR 6991 DF		20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START* June 20, 1976			

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 3/4	8 5/8	24.0	120'	Circulate
7 7/8	4 1/2	10.5	3050	250 Sacks

Well will be mud drilled to total depth after setting and cementing
8 5/8" surface casing. Run electric logs at total depth and set
4 1/2" casing if warranted, cementing same with 250 sacks (above Ojo
Alamo). Sand-water frac treat down casing. Perforate casing opposite
~~La Ventana~~ Chacra sand. Set plug and perforate casing opposite Pictured
Cliffs sand. Complete as co-mingled natural gas well.

Gas not dedicated

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. SIGNED Jack A. Cole TITLE Operator DATE May 12, 1976

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Okal

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

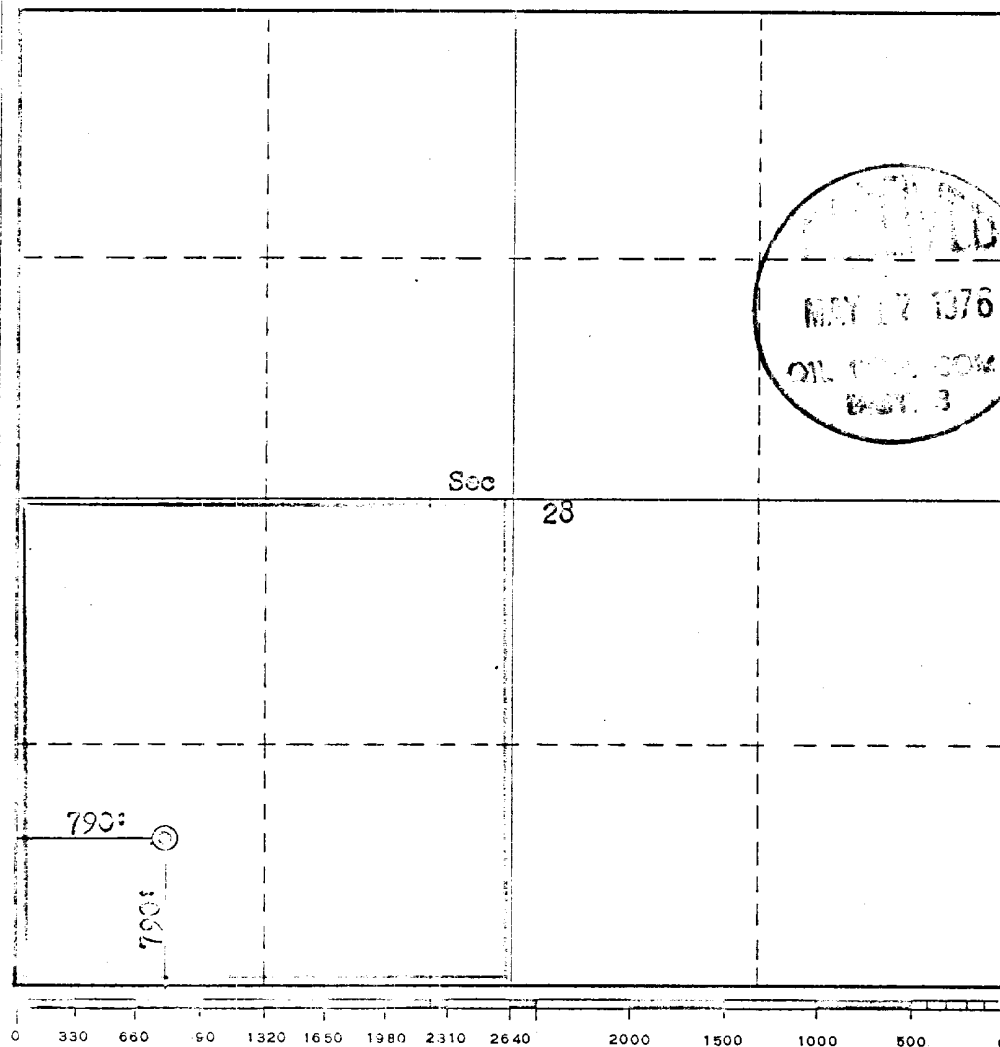
Operator Jack A. Cole		Lease Apache Flats		Well No. 3
Unit Letter N	Section 10	Township 23N	Range 1W	County Sandoval
Actual Footage Location of Well:				
790 feet from the South line and 790 feet from the West line				
Ground Level Elev. 6924	Producing Formation Chaco & Cliffs	Pool Wildcat & Ballard exx	Dedicated Acreage: 160 & 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.



CERTIFICATION

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

original signed by

Name
Jack A. Cole

Position
Operator

Company

Date
May 12, 1976

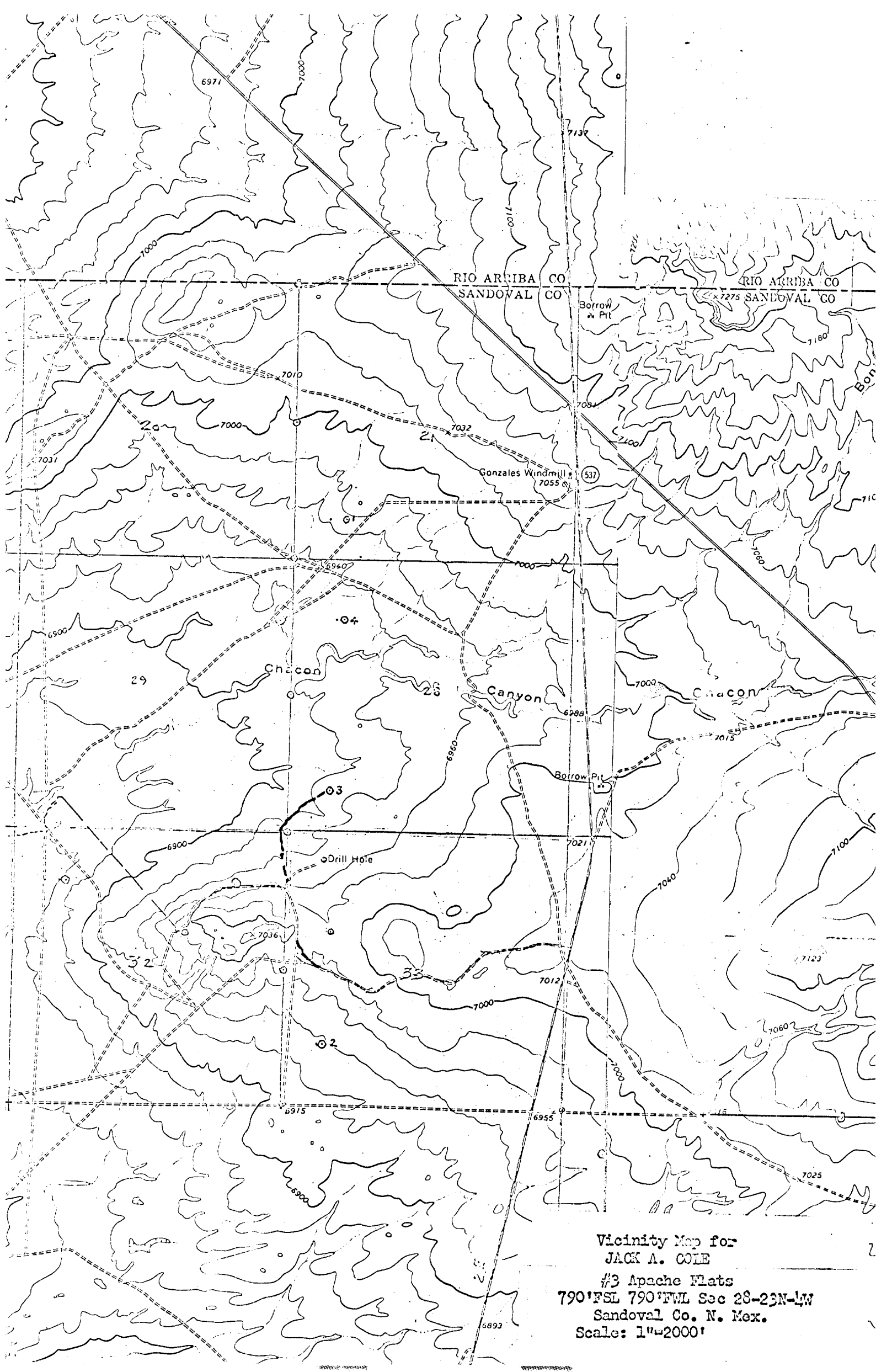
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
May 10, 1976

Registered Professional Engineer and/or Land Surveyor

Fred B. Kott, Jr.
Fred B. Kott, Jr.

Certificate No.
3950



Vicinity Map for
JACK A. COLE
#3 Apache Flats
790' FSL 790' FWL Sec 28-23N-14W
Sandoval Co. N. Mex.
Scale: 1"=2000'

