

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 No. 360	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input 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 Chacon Amigos	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1850' FSL, 1850' FWL At proposed prod. zone Same		9. WELL NO. 7	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 32 miles Northwest of Cuba, New Mexico		10. FIELD AND POOL, OR WILDCAT Chacon Dakota Assoc. Ext.	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1850'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA K Sec. 11-T22N-R3W	
16. NO. OF ACRES IN LEASE 2541		12. COUNTY OR PARISH Sandoval	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2600'		19. PROPOSED DEPTH 6950'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* January 15, 1982	
22. APPROX. DATE WORK WILL START*			
23. PROPOSED CASING AND CEMENTING PROGRAM			

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0	250'	250 sacks - to surface
7-7/8"	4-1/2"	10.50&11.60	6950'	370 sacks - 140 sacks 2 stage

All producing intervals in Dakota 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 Requirementf of
A.P.D.

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

The gas for this well is committed.

The SW/4, Section 11 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. Walsh, P.E.	President, Walsh Engr. & Prod. Corp.	12/2/81
SIGNED	TITLE	DATE

(This space for Federal or State office use)

PERMIT NO.	APPROVAL DATE
(Orig. Sgd.) RAYMOND W. VINYARD	RAYMOND W. VINYARD
APPROVED BY	TITLE
CONDITIONS OF APPROVAL, IF ANY:	ACTING DISTRICT SUPERVISOR

DATE

DEC 16 1981

*See Instructions On Reverse Side

NMCC

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

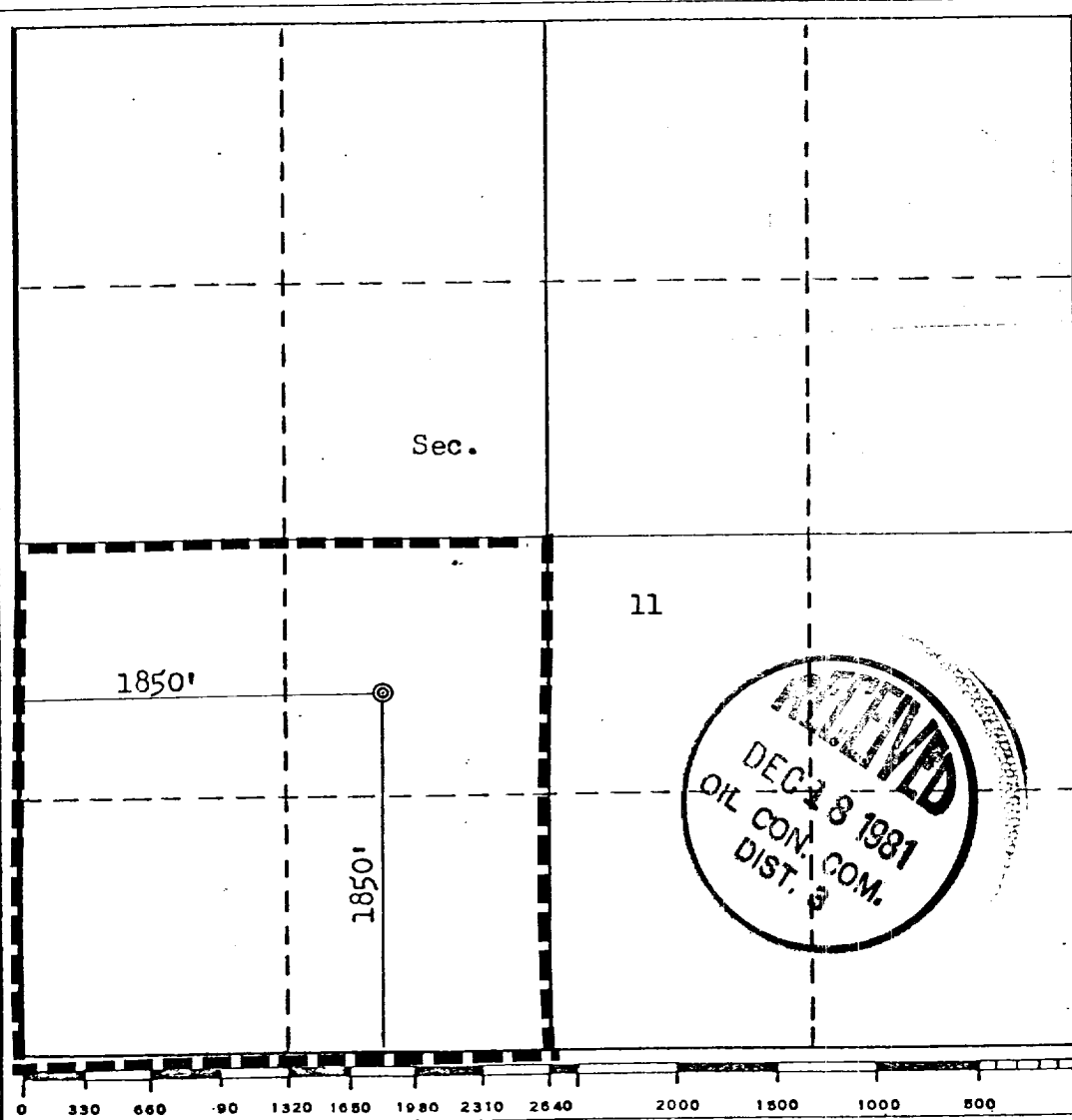
Operator JACK A. COLE			Lease CHACON AMIGOS		Well No. 7
Unit Letter K	Section 11	Township 22N	Range 3W	County Sandoval	
Actual Footage Location of Well: 1850 feet from the South line and 1850 feet from the West line					
Ground Level Elev. 7159	Producing Formation Dakota		Pool Chacon Dakota Associated	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 _____

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 Engineering & Production Corp.**

Date
12/2/81

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

October 1981

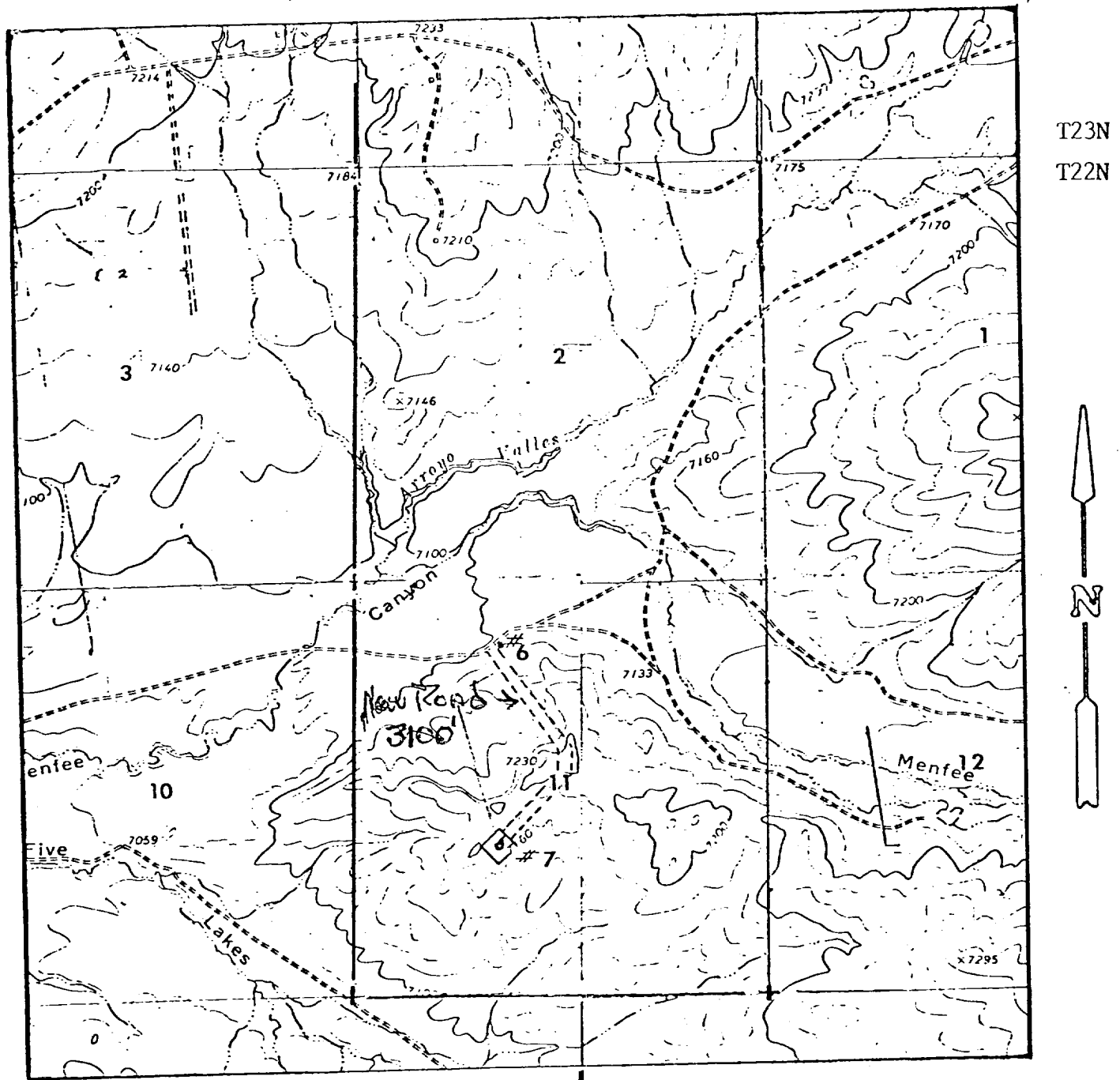
Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950

F. B. KERR, JR.



USGS Five Lakes Canyon NW, New Mexico 7.5 minute series Quadrangles, 1963 → USGS Five Lakes Canyon NE, New Mexico Scale 1:24,000

Access Route for Jack A. Cole Chacon Amigos #7

Jicarilla Archaeological Services Report CR 81-62, November 30, 1981

EXHIBIT "E"

JACK A. COLE
CHACON AMIGOS NO. 7
1850' FSL, 1850' FWL
Section 11-T22N-R3W
Sandoval County, N.M.