

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. NM-21454	
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	
2. NAME OF OPERATOR JACK A. COLE		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 919, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Alamos Canyon	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FNL, 850' FEL At proposed prod. zone Same		9. WELL NO. 14	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 miles Southwest of Counselors Trading Post		10. FIELD AND POOL, OR WILDCAT Wildcat Rusty Chacra Ext	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 850'		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA A Sec. 9-T21N-R6W N.M.P.M.	
16. NO. OF ACRES IN LEASE 1040		12. COUNTY OR PARISH Sandoval	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE N.M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2000'		19. PROPOSED DEPTH 1600'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* December 1, 1982	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6850' GL		22. APPROX. DATE WORK WILL START*	

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	85'	100 sacks
7 7/8"	4 1/2"	10.50	1600'	250 sacks

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

EXHIBITS

"A" Location and Elevation Plat.
"B" Ten Point Compliance Program.
"C" Blowout preventer Diagram.
"D" Multi-Point Requirements for A.P.D.
"E" Access Road to Location.
"F" Radius Map of Field.
"G" Drill Rig Layout.
"H" Fracturing Program Layout.

The gas from this well is not committed.
The NE/4, Section 9 is dedicated to this well.

Application re-submitted after original approved application rescinded October 6, 1982.
Attached is a copy of 15. SPECIAL STIPULATIONS received with original approved application.

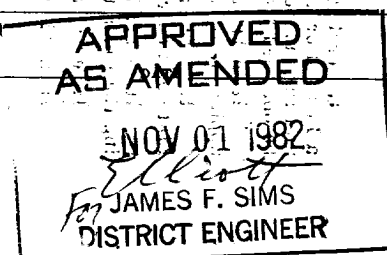
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. FOR: JACK A. COLE ORIGINAL SIGNED BY
SIGNED Ewell N. Walsh, P.E. TITLE Production Corporation DATE 10/8/82
(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.

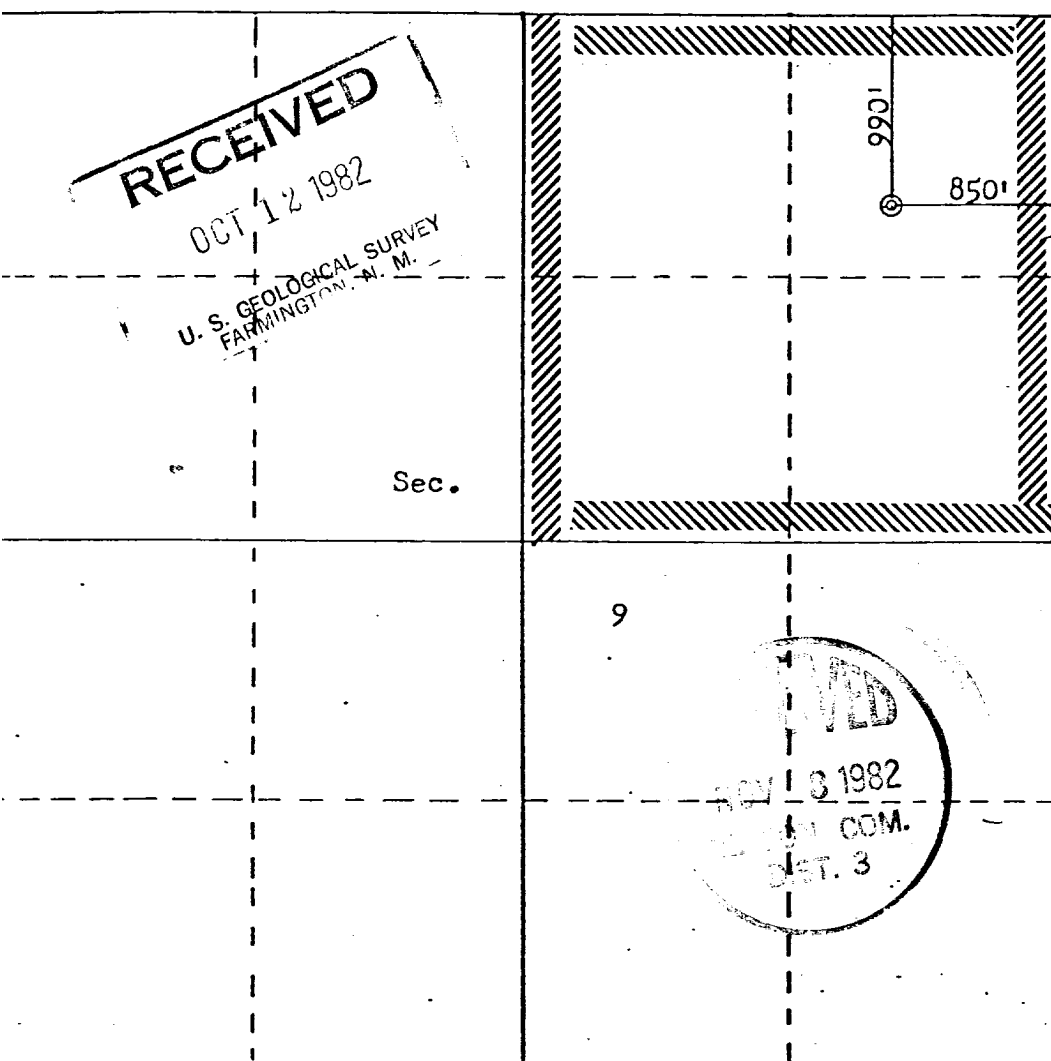
Operator JACK A. COLE			Lease ALAMOS CANYON		Well No. 14
Unit Letter - 4	Section 9	Township 21N	Range 6W	County Sandoval	
Actual Footage Location of Well: 990 feet from the North line and 850 feet from the East line					
Ground Level Elev. 6850	Producing Formation Chacra	Pool Undesignated Chacra Rusty 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.



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**

Ewell N. Walsh
Name **Ewell N. Walsh, P. E.**
President

Position
Walsh Engineering & Prod. Corp

Company
10/8/82

Date

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

December 10, 1980
Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.
Certified Professional Engineer
3950 KERR, JR.

