

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-20550

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ 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 919, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface
850'FSL, 1850'FEL
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10 miles Southwest of Counselor Trading Posts

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)
850'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
3000'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6844'GL

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	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 SE/4, Section 4 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Application re-submitted after original approved application rescinded October 6, 1982.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 President, Walsh Engineering & Production Corporation
(This space for Federal or State office use) DATE 10/8/82

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NMOCC

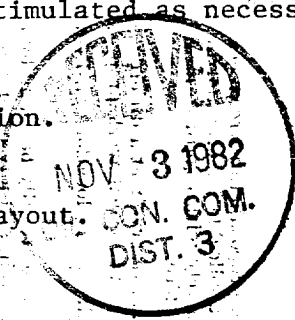
APPROVED
AS AMENDED
NOV 01 1982
JAMES F. SIMS
DISTRICT ENGINEER

5. LEASE DESIGNATION AND SERIAL NO.
NM-21454
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Alamos Canyon
9. WELL NO.
13
10. FIELD AND POOL, OR WILDCAT
Wildcat Rusty Chacra Ext.
11. SEC., T., R., M., OR BLE.
AND SURVEY OR AREA
0 Sec. 4-T21N-R6W
N.M.P.M.
12. COUNTY OR PARISH
Sandoval
13. STATE
N.M.

16. NO. OF ACRES ASSIGNED TO THIS WELL
1040
17. NO. OF ACRES ASSIGNED TO THIS WELL
160

19. PROPOSED DEPTH
1600'
20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
December 1, 1982



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

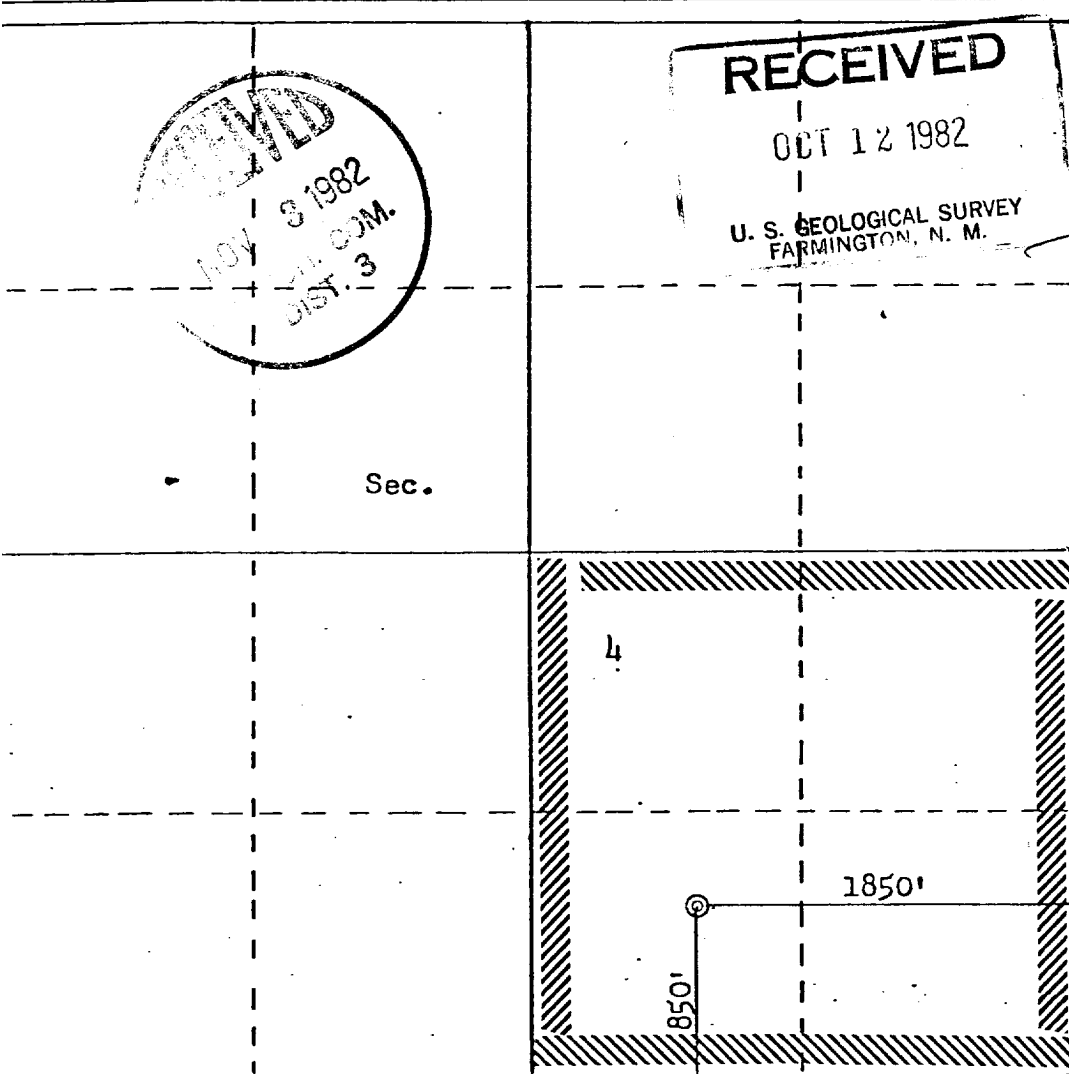
Operator JACK A. COLE		Lease ALAMOS CANYON		Well No. 13	
Unit Letter 0	Section 4	Township 21N	Range 6W	County Sandoval	
Actual Footage Location of Well: 850 feet from the South line and 1850 feet from the East line					
Ground Level Elev. 6844	Producing Formation Chacra		Pool Rusty Ext. Undesignated Chacra		Dedicated Acreage 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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**

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

Position
Walsh Engineering & Prod. Corp.

Company
10/08/82

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 13, 1980

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr, Jr.

Certificate No. **3950**
KERR, JR.

