

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
SF-078562

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
LARGO SPUR "A"

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
DEVIL'S FORK GALLUP A

11. SEC. T., R., M., OR BLK.
AND SURVEY OR AREA
NW/4 SE/4 SEC. 13
T24N R7W J

12. COUNTY OR PARISH | 13. STATE
RIO ARRIBA | NEW MEXICO

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 191, FARMINGTON, NEW MEXICO 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1820' FSL X 1710' FEL
At proposed prod. zone SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
5 MILES NORTH OF LYBROOK, NEW MEXICO

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
16. NO. OF ACRES IN LEASE 2557.86
17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
19. PROPOSED DEPTH 5840
20. ROTARY OR CABLE TOOLS ROTARY TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL: 6623' MSL, KB: 6637' MSL
This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

22. APPROX. DATE WORK WILL START*
1 MARCH 1991

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT ATTACHED
12.250"	8.625"	24.0	250'	250 SK
7.875"	4.500"	11.6	5840'	1340 SK-OR SUFFICIENT QUANTITY TO COVER CASING FROM TOP TO BOTTOM.

OPERATOR PLANS TO DRILL TO THE GALLUP FORMATION. ALL PRODUCING INTERVALS IN THE GALLUP WILL BE STIMULATED AS REQUIRED.

EXHIBITS

- A. LOCATION & ELEVATION PLAT
 - B. TEN-POINT COMPLIANCE PROGRAM
 - C. BLOWOUT PREVENTER DIAGRAM
 - D. MULTI-POINT REQUIREMENTS OF APD
 - E. ACCESS ROAD TO LOCATION
 - F. DRILLING RIG LAYOUT
 - G. COMPLETION RIG LAYOUT
 - H. LOCATION PROFILE & CUT/FILL DIAGRAM
 - I. PRODUCTION FACILITIES LAYOUT
- *Approval of this action does not warrant that the applicant holds legal or equitable right.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give location of well, 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.

21. SIGNED  TITLE ENGR. & PRODUCTION MGR. DATE 31 DECEMBER 1990

(This space for Federal or State use)

PERMIT NO. **RECEIVED** APPROVAL DATE **APPROVED AS AMENDED**

APPROVED BY **MAR 1 1991** TITLE **NMOCD**

CONDITIONS OF APPROVAL, IF ANY: **OIL CON. DIV. DIST. 3** **MAR 05 1991** **AREA MANAGER**

*See Instructions On Reverse Side

1954
MAY 1954
MAY 1954
MAY 1954

Submit to Appropriate District Office
 State Lease - 4 copies
 Fee Lease - 3 copies

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
 Santa Fe, New Mexico 87504-2088

DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

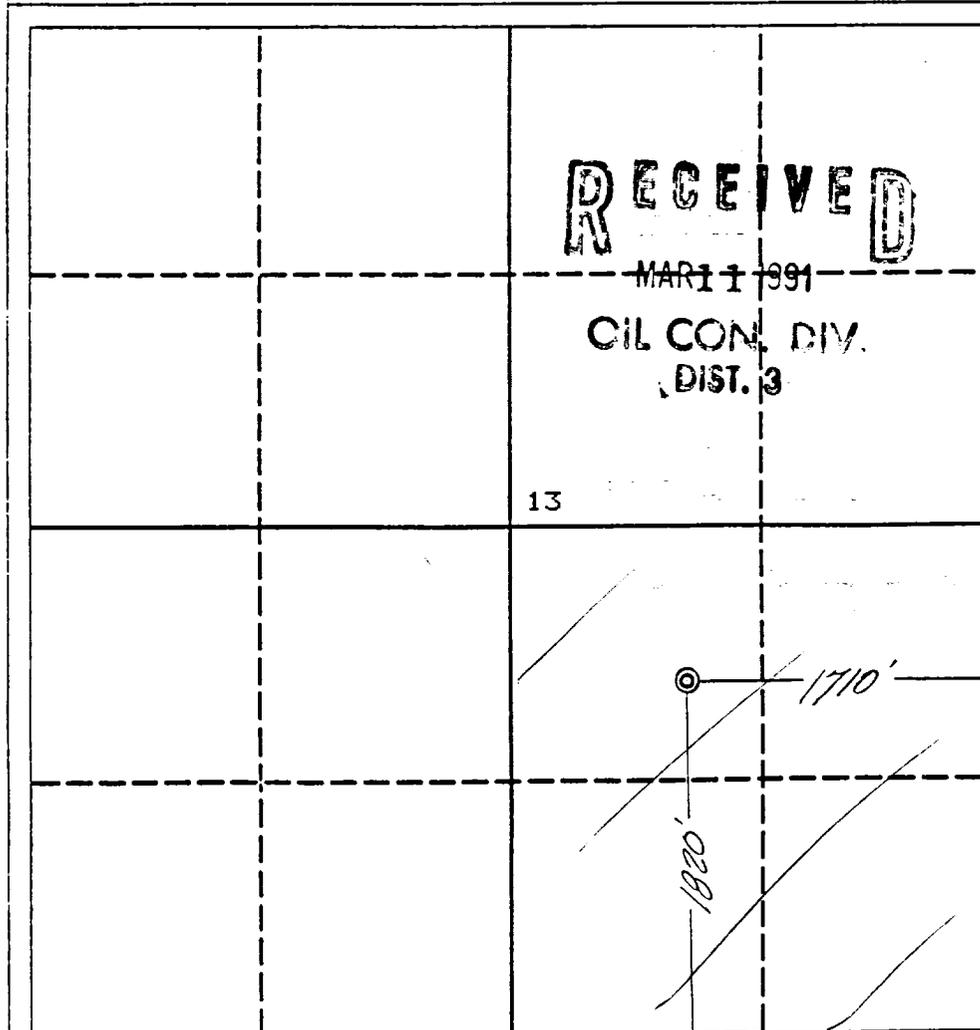
Operator JACK A. COLE		Lease LARGO SPUR A		Well No. # 2
Unit Letter J	Section 13	Township 24 NORTH	Range 7 WEST	County RIO ARRIBA
Actual Footage Location of Well: 1820 feet from the SOUTH line and 1710 feet from the EAST line				
Ground level Elev. 6623	Producing Formation GALUP	Pool DONALD FORK GALUP	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 interest 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 interest, has been approved by the Division.



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

Signature: *[Signature]*
 Printed Name: **NEEL L. DUNCAN**
 Position: **ENGR. & PRODUCTION MGR.**
 Company: **JACK A. COLE**
 Date: **31 DECEMBER 1990**

SURVEYOR CERTIFICATION
 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 12, 1990**
 Signature & Seal of Professional Surveyor: *[Signature]*
 Gary D. Vann
 Registered Professional Land Surveyor
 7016

