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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-25922

Form C-101
Revised 1-1-83

| | |
|--------------------------------|------------------------------------------|
| 5A. Indicate Type of Lease | |
| STATE <input type="checkbox"/> | FEED <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------|---------------------------------------------|
| 1a. Type of Work | | 7. Unit Agreement Name | |
| b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 8. Farm or Lease Name Kirtland 14 | |
| 2. Name of Operator GREENWOOD RESOURCES INC. | | 9. Well No. 5111 | |
| 3. Address of Operator 315 Inverness Way South, Englewood, CO 80112 | | 10. Field and Pool, or Wildcat Cha Cha (Gallup) | |
| 4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>475</u> FEET FROM THE <u>North</u> LINE AND <u>570</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>14</u> TWP. <u>29N</u> RSE. <u>15</u> W NMPM | | 12. County San Juan | |
| 19. Proposed Depth 4750' | | 19A. Formation Gallup | 20. Rotary or C.T. Rotary |
| 21. Elevations (Show whether DF, RT, etc.) 5134' GL | 21A. Kind & Status Plug. Bond Statewide | 21B. Drilling Contractor Four Corners | 22. Approx. Date Work will start 3-10-84 |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 12 1/2" | 8 5/8" | 23 | 330' | 275 | Circ |
| 7 7/8" | 4 1/2" | 9.5 | 4750' | 970 | Circ |

- 1) Drill surface hole to 340'
- 2) Set 8 5/8" 23# ST&C casing @ 340'. Cement with 275 sx Reg. cement with 1/4# flo-seal per sx, 3% CaCl
- 3) Drill 7 7/8" hole to 4750'
- 4) Run GR/Density/Caliper log
- 5) Run 4750' of 4 1/2" 9.5# ST&C casing, DV tool approximately 3095'
- 6) Cement with 970 sx cement in 2 stages, circulate cement

APPROVAL EXPIRES 9/19/84
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

RECEIVED

MAR 19 1984

OIL CON. DIV.

DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODU-
TIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Paul E. Pouchey Title Manager of Engineering Date 3-13-84

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE MAR 19 1984

CONDITIONS OF APPROVAL, IF ANY:

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

| | | | | | |
|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------|-----------------------------|---------------------------------------|-----------------------|
| Operator GREENWOOD RESOURCES, LTD. | | | Lease KIRTLAND 14 | | Well No. #1 |
| Unit Letter A | Section 14 | Township 29N | Range 15W | County San Juan | |
| Actual Footage Location of Well: 475 feet from the North line and 570 feet from the East line | | | | | |
| Ground Level Elev: 5134 | Producing Formation Gallup | Pool Cha-Cha | | Dedicated Acreage: 80 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 Lease Communitized under Fee Lease Pooling Clause, Cha Cha Spacing Unit

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.

| | | |
|-------------------------------------------------------------------------------|--|-------------------------|
| | | <p>475'</p> <p>570'</p> |
| | | |
| Sec. | | 14 |
| <p>RECEIVED</p> <p>MAR 19 1984</p> <p>OIL CON. DIV.</p> <p>DIST. 3</p> | | <p>Scale: 1"=1000'</p> |
| | | |

CERTIFICATION

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

Poul E. Poulsen

Name

Poul E. Poulsen

Position

Manager of Engineering

Company

GREENWOOD RESOURCES INC

Date

March 13, 1984

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

March 7, 1984

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3950

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