**eog resources**

February 18, 2003

**EOG Resources, Inc.**
P.O. Box 2267
Midland, TX 79702
(915) 686-3600

Mr. Chris Williams
New Mexico Oil Conservation Commission
1625 N. French Drive
Hobbs, New Mexico 88240

RE: Red Hills North Unit No. 604
Sec 6, T25S, R34E
Red Hills Bone Spring
Lea County, New Mexico

Dear Mr. Williams,

EOG Resources, Inc. respectfully requests administrative approval to produce the above-referenced well from the Bone Spring formation (perforations 13731-18380) without the use of production tubing. The well contains the following tubulars:

13 3/8", 48# H-40 surface casing, set at 673', cement circulated to surface
9 5/8", 40# J-55 & L-80 intermediate casing, set at 5108', cement circulated to surface
7", 26# HCP-110 production casing set at 12775', cement top at 5310' by temp survey
4 ½", 11.6# P-110 liner from 11682' to 18674', cemented w/ 150 sx Prem, 350 sx H

The well was fracture treated via 7" production casing and is currently flowing back at a rate of 450 to 500 BOPD at 280 to 300 psig. Our intent is to install 2 7/8" production tubing when the well ceases to flow.

We believe this tubingless completion is completely safe for the following reasons:

- The well is in a known producing field
- No corrosive or pressure problems are known to exist
- The well is a single completion
- The after-frac flowing pressures are low, less than 1000 psig ? Is this bottomhole or surf. pressure CW
- This completion method has previously been used in other wells within this field

Thank you for your consideration of this request. If additional information is needed, please contact me at 915 686 3689.

O.K. Chris Williams

Sincerely,
EOG RESOURCES, INC.

Stan Wagner
Regulatory Analyst

# Results of Directional Survey

**30-025-35900**

**EOG RESOURCES**
**RED HILLS NORTH UNIT # 604**

| | MD | N/S | E/W | VD |
|---|---|---|---|---|
| | 13726 | -406.95 | -1466.29 | 12283.79 |
| TOP PERFS/OH | **13731** | -408.08 | -1471.16 | 12283.91 |
| | 13758 | -414.18 | -1497.46 | 12284.57 |
| | 18328 | -1402.81 | -5957.45 | 12307.87 |
| BOT PERFS/OH | **18380** | -1416.27 | -6007.68 | 12308.27 |
| | 18391 | -1419.12 | -6018.30 | 12308.36 |

| | | | | |
|---|---|---|---|---|
| NEXT TO LAST | 18581 | -1470.56 | -6201.12 | 12313.78 |
| LAST READING | 18644 | -1487.40 | -6261.81 | 12315.21 |
| TD | **18688** | -1499.16 | -6304.20 | 12316.21 |

| | | | | |
|---|---|---|---|---|
| Surface Location | 1880 | FS | 2200 | FE |
| Projected BHL | 381 | FS | 3224 | FE |
| Location of | | | | |
| Top Perfs/OH | 1472 | FS | 3671 | FE |
| Bottom Perfs/OH | 464 | FS | 2928 | FE |

SUMMARY of Subsurface Locations

| | | | | | | |
|---|---|---|---|---|---|---|
| **Surface Location** | J-6-25S-34E | 1880 | FS | 2200 | FE | Vert. Depth |
| | | | | | | |
| **Top Perfs/OH** | J-6-25S-34E | 1472 | FS | 3671 | FE | 12283.91 |
| **Bottom Perfs/OH** | N-1-25S-33E | 464 | FS | 2928 | FE | 12308.27 |
| | | | | | | |
| **Projected TD** | N-1-25S-33E | 381 | FS | 3224 | FE | 12316.21 |

PAUL F. KAUTZ 08/29/2001