

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

| | | | |
|---|--|--|--|
| 1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. NM-077281 | |
| b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A | |
| 2. NAME OF OPERATOR Giant Exploration & Production Company (505) 326-3325 | | 7. UNIT AGREEMENT NAME Northeast Hogt k | |
| 3. ADDRESS AND TELEPHONE NO. P.O. Box 2810, Farmington, NM 87499 | | 8. FARM OR LEASE NAME, WELL NO. Northeast Hogback Unit #57 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1300' FNL & 375' FEL At proposed prod. zone Same | | 9. AM WELL NO. 30-045-29346 | |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 air miles N of Waterflow, NM | | 10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 375' | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA A-10-30n-16w NMPM | |
| 16. NO. OF ACRES IN LEASE 317.04 | | 12. COUNTY OR PARISH San Juan | |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL 40 | | 13. STATE NM | |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 758' | | 20. ROTARY OR CABLE TOOLS Rotary | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,466' ungraded ground | | 22. APPROX. DATE WORK WILL START* Oct. 16, 1995 | |

| 23. PROPOSED CASING AND CEMENTING PROGRAM | | | | |
|---|-----------------------|-----------------|---------------|-------------------------|
| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
| 8-3/4" | 7" | 20# (J-55) | 320' | ≈107 cu ft & to surface |
| 6-1/4" | 4-1/2" | 9.5# (J-55) | 1,695' | ≈347 cu ft & to surface |

Well is 375' from closest lease line and 1,300' from closest unit line.
Well is 758' from closest active well and 700' from closest P&A well.

RECEIVED
FEB 12 1996
OIL CON. DIV.
DIST. 3

cc: BIA(2), BLM (3+2 for OCD), Tribe(2)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

SIGNED [Signature] TITLE Area Engineer DATE 6-20-95
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE NMOCD
FEB 07 1996
DISTRICT MANAGER
*See Instructions On Reverse Side

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-------------------------------|--|---|--|---------------------------------|---------------------|
| 1 API Number 30-045-29.346 | | 2 Pool Code 32870 | | 3 Pool Name Horseshoe-Gallup | |
| 4 Property Code 116547 | | 5 Property Name NORTHEAST HOGBACK UNIT | | | 6 Well Number 57 |
| 7 OGRID No. 008987 | | 8 Operator Name GIANT EXPLORATION AND PRODUCTION COMPANY | | | 9 Elevation 5466 |

10 Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| 1A | 10 | 30N | 16W | | 1300 | NORTH | 375 | EAST | SAN JUAN |

11 Bottom Hole Location If Different From Surface

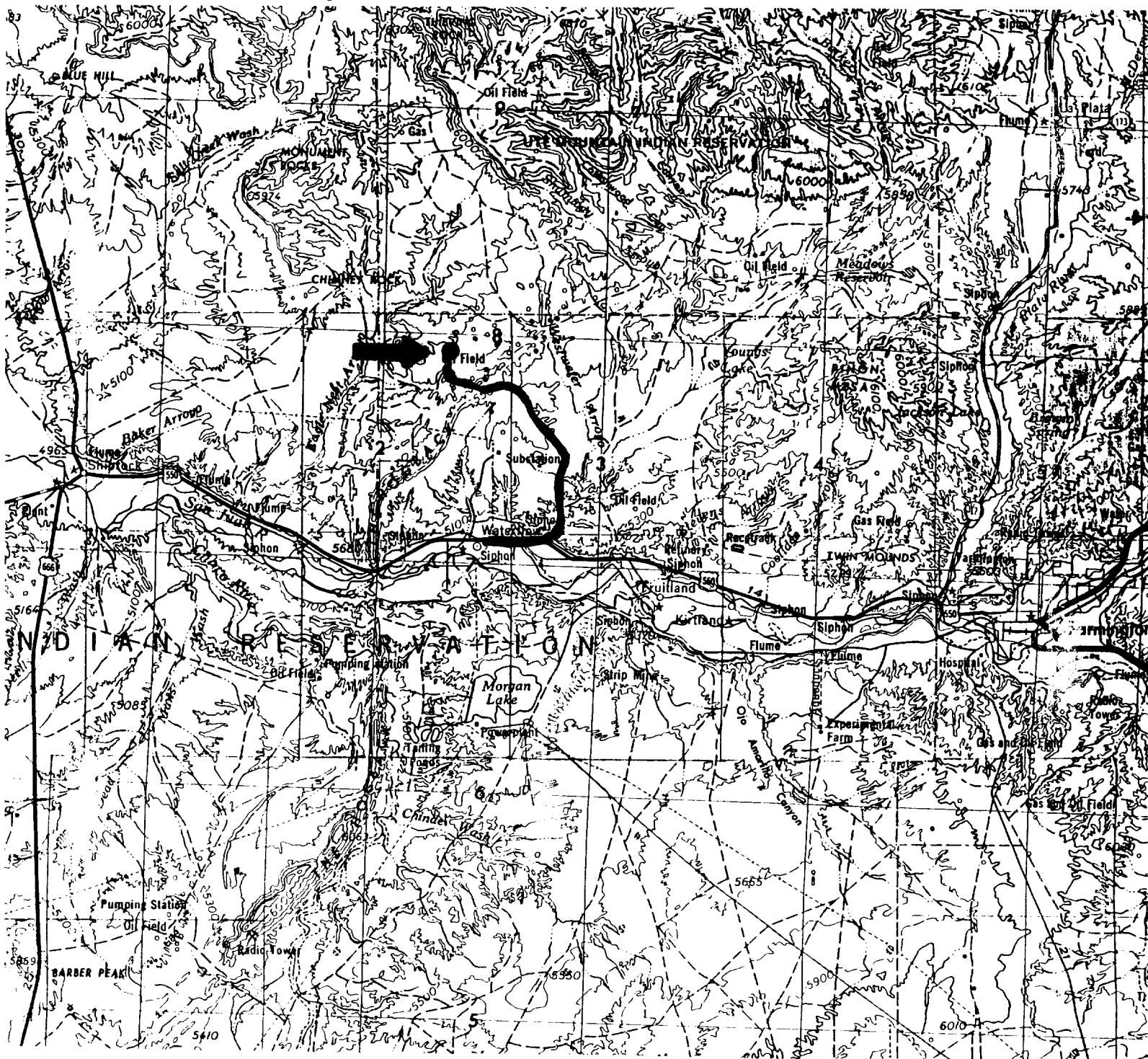
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | | | |
|--------------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acres 40 | 13 Joint or Infill | 14 Consolidation Code | 15 Order No. |
|--------------------------|--------------------|-----------------------|--------------|


NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | | | | | | | | | |
|---------|--|---------|--|------|--|---------|--|---|--|
| 16 | | 2640.77 | | WEST | | 2640.77 | | 17 OPERATOR CERTIFICATION | |
| 2640.00 | | 160.03 | | AC | | 160.03 | | I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. | |
| 2640.00 | | 160.03 | | AC | | 160.03 | | Signature Gregory E. McIntosh | |
| 2640.00 | | 160.03 | | AC | | 160.03 | | Printed Name Area Engineer | |
| 2640.00 | | 160.03 | | AC | | 160.03 | | Title June 20, 1995 | |
| 2640.00 | | 160.03 | | AC | | 160.03 | | Date | |
| 2640.00 | | 160.03 | | AC | | 160.03 | | 18 SURVEYOR CERTIFICATION | |
| 2640.00 | | 160.03 | | AC | | 160.03 | | 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 belief. | |
| 2640.00 | | 160.03 | | AC | | 160.03 | | Date of Survey May 24, 1995 | |
| 2640.00 | | 160.03 | | AC | | 160.03 | | Signature and Seal of Professional Surveyor Cecil B. Tullis | |
| 2640.00 | | 160.03 | | AC | | 160.03 | | Certificate Number 9672 | |
| 2640.00 | | 160.03 | | AC | | 160.03 | | | |

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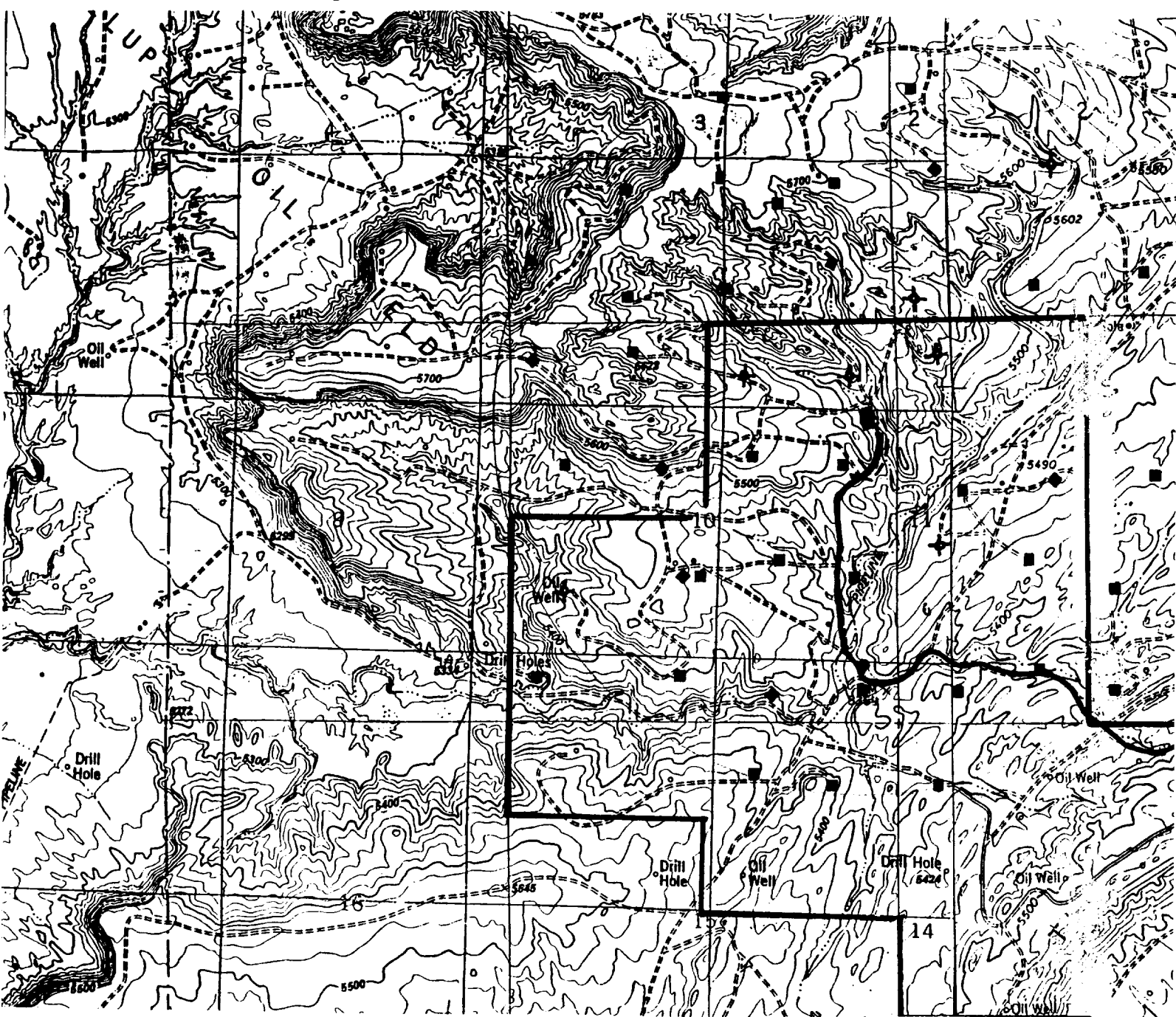


Wellsite:

Access Route: 

Giant Exploration & Production Company
 Northeast Hogback Unit 57
 1300' FNL & 375' FEL
 Sec. 10, T. 30 N., R. 16 W.
 San Juan County, NM

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Proposed Well: ■

Existing Well: ●

Unit Boundary: ┌

Existing Road: ~

Proposed Powerline & Flowline: - - -