

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
 DRILL  DEEPEN

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Questar Exploration and Production Company (303) 672-6916

3. ADDRESS AND TELEPHONE NO.  
 1331 17th St., Suite 800, Denver, Co. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface: 955' FNL & 600' FWL  
 At proposed prod. zone: Same

5. LEASE DESIGNATION AND SERIAL NO.  
 SF-078272A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 N/A

7. UNIT AGREEMENT NAME  
 N/A 23868

8. FARM OR LEASE NAME, WELL NO.  
 Nageezi Fed. 3 #2

9. AP WELL NO.  
 30-032-26217

10. FIELD AND POOL, OR WILDCAT  
 Lybrook-Gallup

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA  
 3-23n-7w NMPM

12. COUNTY OR PARISH 13. STATE  
 Rio Arriba NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 2 air miles N of Lybrook, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)  
 600'

16. NO. OF ACRES IN LEASE  
 321.78

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40.42

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 1,250'

19. PROPOSED DEPTH  
 5,740'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6,987' ungraded ground

22. APPROX. DATE WORK WILL START\*  
 Oct. 1, 1999

RECEIVED  
SEP 16 1999  
OIL CON. DIV.  
DIST. 3

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" (J-55)	24#	350'	~305 cu ft & to surface
7-7/8"	4-1/2" (K-55)	11.6#	5,740'	~2080 cu ft & to surface

This action is subject to technical and procedural review pursuant to 43 CFR 3155.3 and appeal pursuant to 43 CFR 3155.4.

This APD is also serving as a BLM road right-of-way application to amend road right-of-way NM-71304. The amendment will be 30' wide and 0.8 mi. long. It crosses Lots 1 & 2 of Section 3 and Lots 5 & 12 of Section 4, all T. 23 N., R. 7 W., Rio Arriba County, NM. See topo map on PAGE 13 and Master Title Plat on Page 14.

APD was on sited on August 12, 1999 with Neel McBride.

APPLICANT'S PROPOSED OPERATIONS ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

All archaeology is avoided (see LAC Report #9843).

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.

24. Brian Wood SIGNED Consultant (505) 466-8120 TITLE 8-28-99 DATE

cc: BLM, OCD (via BLM), Q-Cortez & Denver

(This space for Federal or State office use)

SEP 14 1999

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 Acting Team Lead DATE 9/17/99

\*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

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

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

SEP 23 1999 12:45

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APN Number 30-039-26217		Pool Code 42289	Pool Name LYBROOK GALLUP
Property Code 23868	Property Name Nageezi Federal 3		Well Number 3 # 2
OGRID No. 23846	Operator Name Questar Exploration and Production Company		Elevation 6987'

10 Surface Location

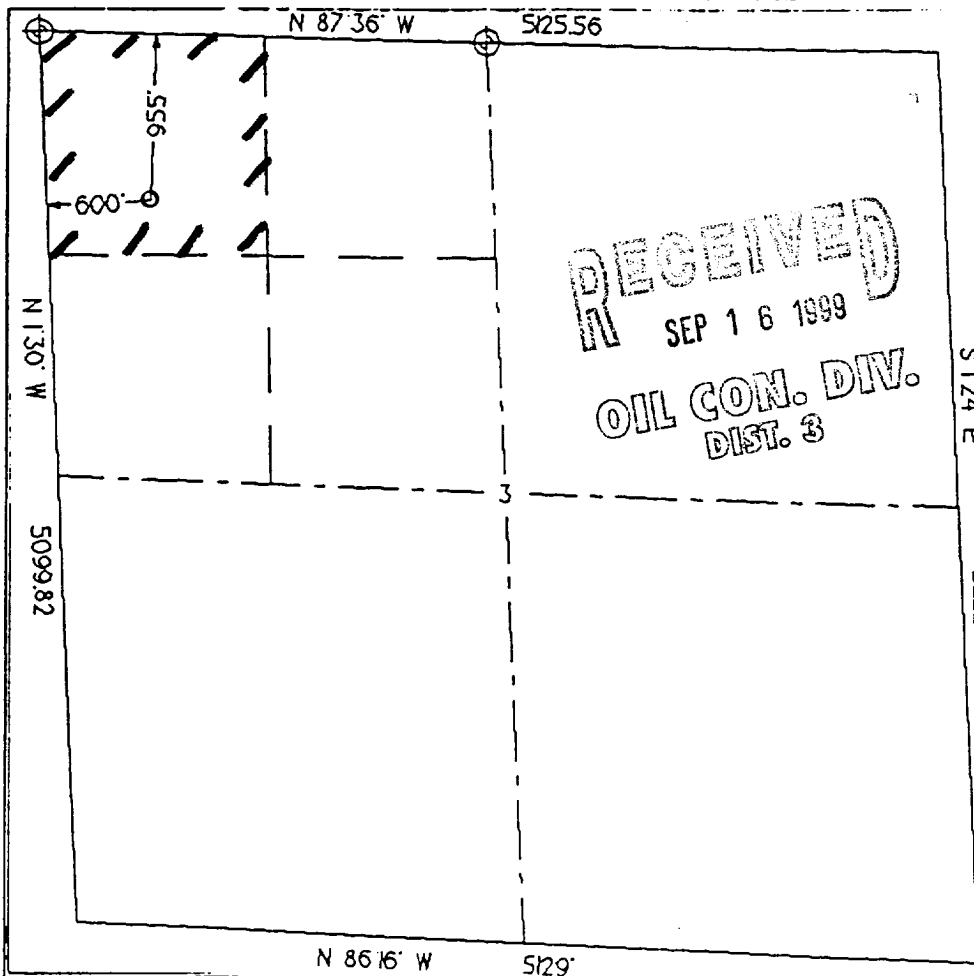
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
D	3	23 N	7 W		955	North	600	West	Rio Arriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
NO DATA									

12 Dedicated Acres 40.42	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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



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

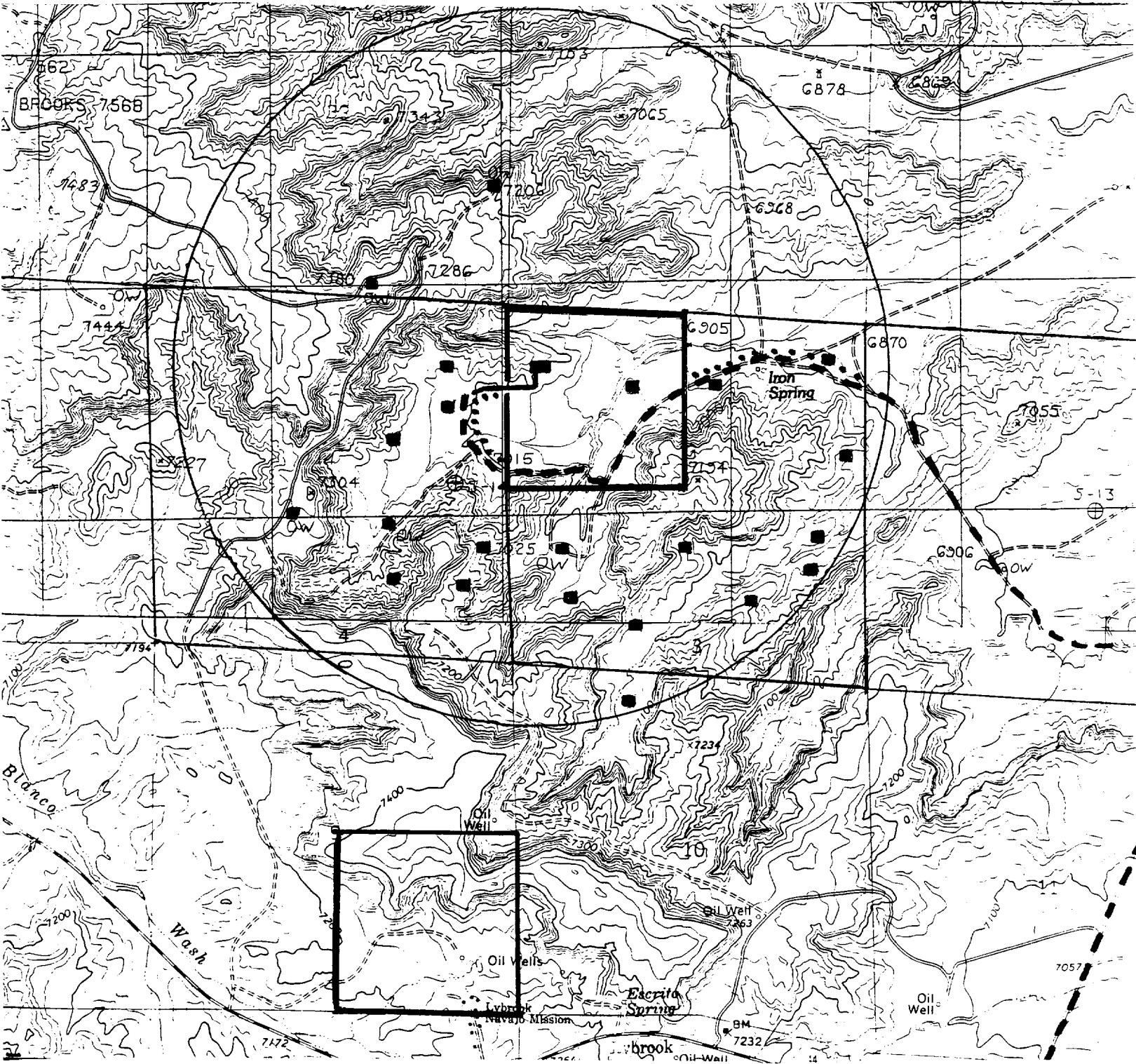
Signature: *Brian Wood*  
 Printed Name: BRIAN WOOD  
 Title: CONSULTANT  
 Date: AUGUST 28, 1999

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18 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 belief.

Date of Survey: 12  
 Signature and Seal of Professional Surveyor: *Gerald R. Hubbleston*  
 6844  
 REGISTERED LAND SURVEYOR  
 NEW MEXICO  
 6844  
 Certificate Number

Questar Exploration and Production Company  
 Nageezi Federal 3 #2  
 955' FNL & 600' FWL  
 Sec. 3, T. 23 N., R. 7 W.  
 Rio Arriba County, New Mexico



PROPOSED WELL: ■      EXISTING WELL: ●      LEASE: ▭  
 NEW ROAD: ~~~~~      EXISTING ROAD: - - - -  
 BLM ROAD RIGHT-OF-WAY AMENDMENT: .....