

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

200 APR -5 PM 12:39

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

1980' FNL & 660' FWL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

6 air miles SW of Lindrith, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

321.78

17. NO. OF ACRES ASSIGNED
TO THIS WELL.

40

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

1026'

19. PROPOSED DEPTH

5,675'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6,970' ungraded ground

22. APPROX. DATE WORK WILL START*

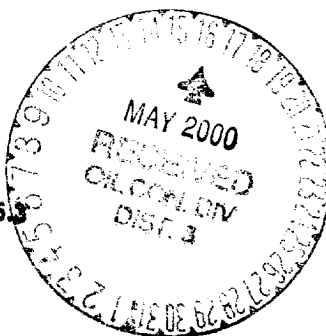
May 1, 2000

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" (K-55)	24#	300'	≈265 cu ft & to surface
7-7/8"	4-1/2" (J-55)	11.6#	5,675'	≈2,110 cu ft & to surface

On sited with Neel McBride.

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.DRILLING OPERATIONS WILL BE CONDUCTED AND
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

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.

SIGNED

TITLE

DATE

Consultant (505) 466-8120

4-2-00

(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

/s/ Charlie Beecham

TITLE

DATE

MAY 12 2000

*See Instructions On Reverse Side

NMCCD

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-102
Revised March 17, 1994

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

200 APR -5 PM 12:39

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-26426		2 Pool Code 42289		3 Pool Name LYBROK GALLUP	
4 Property Code 23868		5 Property Name Nageezi Federal 3			6 Well Number 0-3
7 GRID No. 23846		8 Operator Name QUESTAR EXPLORATION & PRODUCTION			9 Elevation 6970'

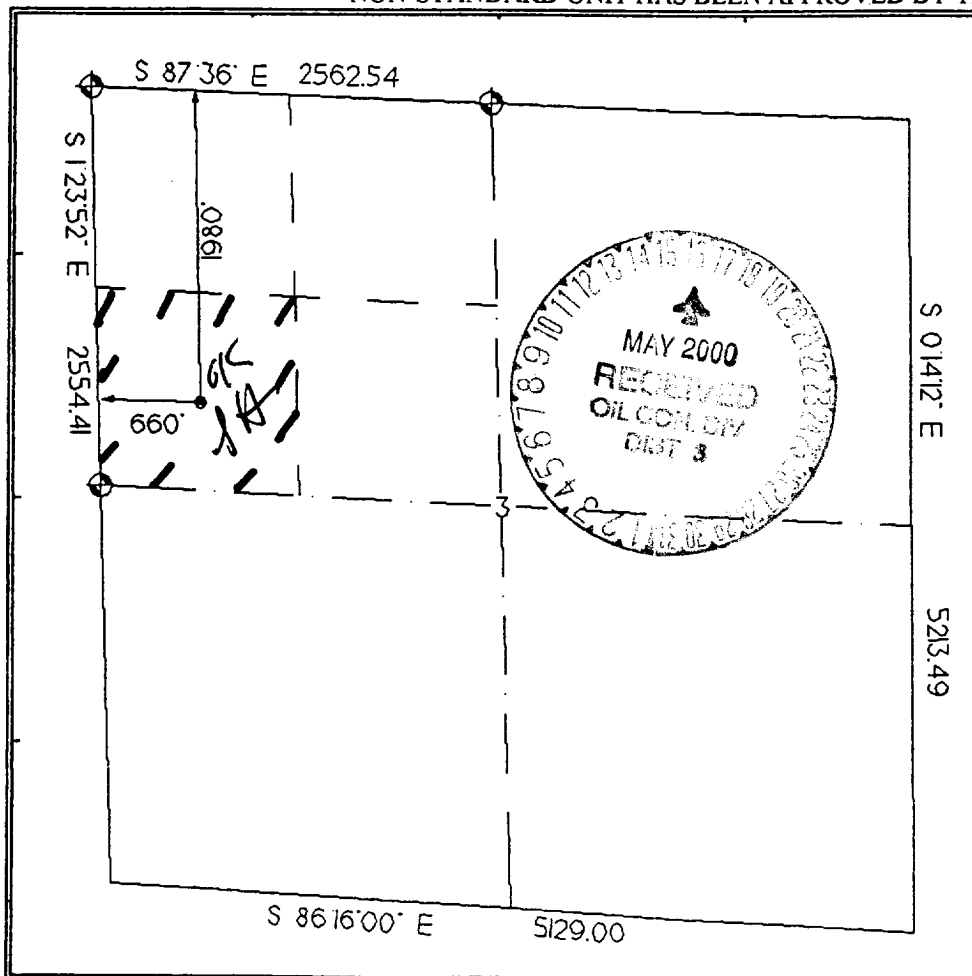
10 Surface Location

U.L. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E.	3	23 N	7 W		1980'	North	660'	West	Rio Arriba

11 Bottom Hole Location If Different From Surface

U.L. 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 NN SW NW		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



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 APR. 2, 2000

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 2-3-2000
Signature and Seal of Professional Surveyor:
C. G. Huddleston
6844
REGISTERED LAND SURVEYOR
Certificate Number

Questar Exploration and Production Company
Nageezi Federal 3 #3
1980' FNL & 660' FWL
Sec. 3, T. 23 N., R. 7 W.
Rio Arriba County, New Mexico

PAGE 2

3. PRESSURE CONTROL

The drilling contract has not yet been awarded, thus the exact BOP model to be used is not yet known. A typical 2,000 psi model is on PAGE 3.

A minimum 2,000 psi BOP and choke manifold system will be installed and tested to 2,000 psi before drilling surface casing plug. Test will consist of initially pressuring BOP and ancillary equipment to 250 psi for 5 minutes and then to 2,000 psi for 10 minutes. Casing will be tested for 30 minutes. System will remain in use until the well is completed or abandoned. A safety valve and sub with a full opening valve to fit the drill pipe and collars will be available on the rig floor in the open position at all times for use when kelly is not in use.

All BOP mechanical and pressure tests will be recorded on the driller's log. BOPs will be inspected and opened and closed at least daily to assure good mechanical working order. Inspections will be recorded on the daily drilling report. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place.

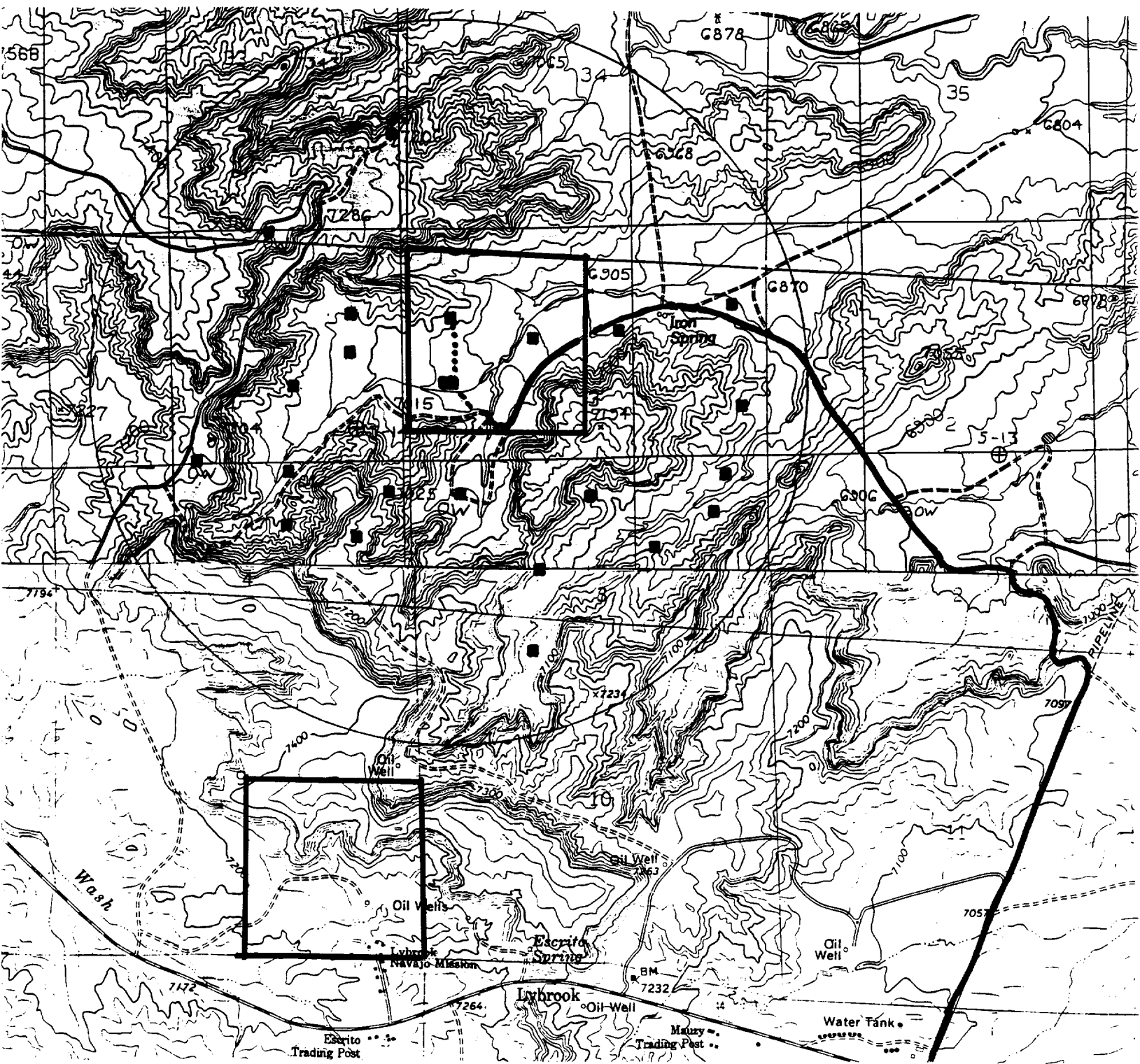
4. CASING & CEMENT

<u>Hole Size</u>	<u>O.D.</u>	<u>Weight (lb/ft)</u>	<u>Grade</u>	<u>Type</u>	<u>Age</u>	<u>GL Setting Depth</u>
12-1/4"	8-5/8"	24	K-55	ST&C	New	300'
7-7/8"	4-1/2"	11.6	J-55	ST&C	New	5,675'

Surface casing equipment will include Texas pattern guide shoe, one shoe joint, float, and 3 bow spring centralizers. Centralizers will be set 10' above the shoe and on top of the 1st and 3rd joints. Lock bottom two joints and float equipment with thread lock compound. Reciprocate casing 20' while cementing. Land casing so casing head flange will be at ground level.

Questar Exploration and Production Company
 Nageezi Federal 3 #3
 1980' FNL & 660' FWL
 Sec. 3, T. 23 N., R. 7 W.
 Rio Arriba County, New Mexico

PAGE 13



PROPOSED WELL: ■ EXISTING WELL: ●
 PROPOSED ROAD: \ EXISTING ROAD: ~
 PROPOSED PIPELINE: : PROPOSED PIPELINE: :
 LEASE BOUNDARY: L

PERMITS WEST INC.
 PROVIDING PERMITS for LAND USERS