

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other In-
structions on
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF RESVR ☐ Other ☐
2. NAME OF OPERATOR Questar Exploration and Production Company
3. ADDRESS OF OPERATOR 1331 17th Street, Suite 800, Denver, CO 80202 (303)672-6990
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2173 FNL 1639 FWL SE/NW
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.

NMSF-078272A

6. IF INDIAN ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Nageezi Federal 3

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Hybrook Gallup

11. SEC. T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 3-T23N-R7W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

14. PERMIT NO.
30-039-26510

DATE ISSUED

10/22/2001

15. DATE SPUDDED 12/18/2000

16. DATE T.D. REACHED 12/28/2000

17. DATE COMPL. (Ready to prod.) 01/11/2001

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
GR:6990' KB:7002'

19. ELEV. CASINGHEAD 6990'

20. TOTAL DEPTH MD & TVD 5687'

21. PLUG BACK T.D. MD & TVD 5641'

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-5687'

NA

24. PRODUCING INTERVAL(S). OF THIS COMPLETION - TOP, BOTTOM, NAME (MD & TVD)*

5484'-5536' Gallup (Mayre)

5358'-5378' Gallup (Skelly)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL/SDL/IND/GR/CAL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	346' 33.5	12-1/4"	225 sks "G" tailed w/25 sks D29	None
4-1/2"	11.6#	5687'	7-7/8"	1st st. 448 sks 50/50 Poz "G"	None
				2nd st. 618 sks 50/50 . Tailed w/	
				50 sks Class "G".	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5481'	NA

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

5358'-5378' .32" 2spf
5484'-5492' .32" 2spf
5530'-5536' .32" 2spf

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5358'-5378'	37,500 gals WF140 70Q, 3579 gals
	WF120 70Q, 59,500# 20/40 Jordan Sand
5484'-5492'	45,500 gals WF140 70Q, 3499 gals
5530'-5536'	WF120 70Q, 79,500# 20/40 Jordan Sand

33.* PRODUCTION

DATE FIRST PRODUCTION 1/20/2001
PRODUCTION METHOD (Flowing, gas lift, mamma - size and time of mamma) Flowing
WELL STATUS (P - Production or shut-in) shut-in

DATE OF TEST 1/20/2001
HOURS TESTED 24
CHOKE SIZE 28
PROD'N FOR TEST PERIOD
OIL - BBL. 36
GAS - MCF. 188
WATER - BBL. 4
GAS-OIL RATIO 5.222

FLOW, TUBING PRESS. 110
CASING PRESSURE 445
CALCULATED 24-HOUR RATE
OIL - BBL. 36
GAS - MCF. 188
WATER - BBL. 4
OIL GRAVITY - API (CORR.) 40

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Will be sold- waiting on pipeline

TEST WITNESSED BY

Kirby Snachez

35. LIST OF ATTACHMENTS

Wellbore Diagram

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Dea Steele

TITLE Sr. Engineering Analyst

DATE 8/30/01

* (See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United State any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
				Pictured Cliffs Gallup	2031' 5102'		

Nageezi Federal 3 #4

SENW Sec.3-T23N-R7W

Rio Arriba Co., NM

Drilled by Questar Exploration & Production

Spud date: 12/18/2000

Schematic - not drawn to scale

Drawn 8/30/01

8-5/8" Surface Casing:

1 Float Shoe

7 jts. 8-5/8" 24# J55 Range 3 Casing

1 jt. 8-5/8" 32# J55 Range 3 Casing

Casing landed @ 346' KBM. Cmt

w/225 sks "G" w/2% S1, 25 sks

D29. Plug bumped. Floats

did not hold.

4-1/2" Production Casing:

105 jts 4-1/2" 11.6# J55 STC Casing

1 4-1/2" N80 2-stage Cmt tool

23 jts 4-1/2" 11.6# J55 STC Casing

1 4-1/2" Differentail Fill Float Collar

1 4-1/2" 11.6# J55 STC Shoe Joint

1 4-1/2" Differentail Fill Float Shoe

Cmt 1st Stage w/448 sks 50/50 Poz

Class "G" w/ additives. Floats held.

35 bbls cmt to surface. Cmt 2nd Stage

w/618 sks 50/50 + additives. Tailed

w/50 sks Class "G". No returns to

surface. Casing landed @ 5687'.KBM

Plug bumped. Floats held.

Tubing Reports:

1SN

1 Notch Collar

174 jts. 2-3/8" Tubing

Tubing landed @ 5481.07 KBM

