

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(See other In-  
structions on  
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

NMSF-078051A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

API# 3004531704

8. FARM OR LEASE NAME

070 Farmington, NM

STOREY

9. WELL NO.

1C

10. FIELD AND POOL, OR WILDCAT

BLANCO MESA VERDE

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

Sec. 34, T32N - R11W

12. COUNTY OR

PARISH  
SAN JUAN

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF RESVR ☐ Other

2. NAME OF OPERATOR Now Hallador Pet. Lhp

Questar Exploration and Production Company

3. ADDRESS OF OPERATOR

1050 17th Street, Suite 500, Denver, CO 80265 (303) 672-6931

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1770' FSL, 2405' FEL;

At top prod. interval reported below

NWSE Sec. 34, T32N, R11W NMPM

At total depth

Same

14. PERMIT NO.

30-045-31704

DATE ISSUED

6/23/2003

12. COUNTY OR

PARISH  
SAN JUAN

13. STATE

NM

15. DATE SPUDDED

7/28/2003

16. DATE T.D. REACHED

8/4/2003

17. DATE COMPL. (Ready to prod.)

9/15/2003

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

GL 6100', KB 6112'

19. ELEV. CASINGHEAD

6100'

20. TOTAL DEPTH, MD & TVD

5589' MD

21. PLUG BACK T.D., MD & TVD

5538'

22. IF MULTIPLE COMPL.,  
HOW MANY\*

23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - TD

N/A

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

5290' - 4958' Mesaverde 4848' - 4422' Mesaverde

25. WAS DIRECTIONAL  
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/ CCL/ CBL & Platform Express, TLD, CN, Induction, GR, SP, Caliper, Temp.

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 |
|-------------|-----------------|----------------|-----------|--|---------------|
| 9 5/8" K-55 | 36#             | 236'           | 12 1/4"   | Cmt w/ Howco 140 sx STD, 2% CA/CL .25 Flocele          |               |
| 7" J-55     | 23#             | 3217'          | 8 3/4"    | Cmt w/ Howco 65.sx SJ Poz, 4% Gel, 2% Halad 9          |               |
|             |                 |                |           | .15# FE-2 Lead 300 sx STD. Tailed w/ 165 sks 50/50 Poz |               |
|             |                 |                |           | 2% Gel 5# Gilonite 1/4 # Flocele 1% CFR3-2% CA/CL12    |               |

29. LINER RECORD

| SIZE        | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|-------------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| 4 1/2" J-55 | 3063'    | 5589'       | 315 sx        |             | 2 3/8" | 4820'          |                 |

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

(stg 1) 5290' - 4958' 0.32", 4 spf  
(stg 2) 4848' - 4422' 0.32", 4 spf

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
(stg 1) 5290' - 4958' 49,855 gal foamed slickwater  
1,073.4 mscf N2 114,728 lb 2/40 Brady Sand.  
(stg 2) 4848' - 4422' 47,196 gal foamed slickwater  
1162.2 mscf N2, 120,843 lb 2/40 Brady Sand.

33.\* PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) |                        |            |              |                           | WELL STATUS (Producing or shut-in) |  |
|-----------------------|-----------------|--|------------------------|------------|--------------|---------------------------|------------------------------------|--|
| 10/3/2003             |                 | Flowing  |                        |            |              |                           | Producing                          |  |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE   | PROD'N FOR TEST PERIOD | OIL - BBL. | GAS - MCF.   | WATER - BBL.              | GAS-OIL RATIO                      |  |
| 10/3/2003             | 24              | open   | →                      | 0          | 500          | 0                         | N/A                                |  |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE  | OIL - BBL.             | GAS - MCF. | WATER - BBL. | OIL GRAVITY - API (CORR.) |                                    |  |
| 250                   | 260             | →  | 0                      | 500        | 0            | N/A                       |                                    |  |

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

Sold

ACCEPTED FOR RECORD  
Kirby Sanchez

35. LIST OF ATTACHMENTS

Deviation Report

NOV 26 2003

NMOCD

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

SIGNED *Don Stahl*

TITLE Sr. Engineering Analyst

DATE 11/14/2003

\* (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

**Storey 1C**  
**NMSF-078015A**

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                | TOP         |                  |
|-----------|-----|--------|-----------------------------|---------------------|-------------|------------------|
|           |     |        |                             |                     | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |     |        |                             | Nacimiento Fm.      | Surface     |                  |
|           |     |        |                             | Ojo Alamo Ss.       | 1020'       |                  |
|           |     |        |                             | Kirtland sh.        | 1034'       |                  |
|           |     |        |                             | Fruitland           | 2356'       |                  |
|           |     |        |                             | pictured cliffs Ss. | 2806'       |                  |
|           |     |        |                             | Lewis Sh.           | 2997'       |                  |
|           |     |        |                             | Cliff House Ss.     | 4551'       |                  |
|           |     |        |                             | Menefee Fm.         | 4654'       |                  |
|           |     |        |                             | Point Lookout Ss.   | 5039'       |                  |
|           |     |        |                             | Mancos Sh.          | 5387'       |                  |