

RECEIVED

In Lieu of  
Form 3160-4  
(July 1992)Farmington Field Office  
Bureau of Land ManagementUNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSUBMIT IN  
DUPLICATE(See other instructions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

5. LEASE DESIGNATION AND LEASE NO.

**N0-G-1403-1908**

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

**NMNM 135216A**

8. FARM OR LEASE NAME, WELL NO.

**W LYBROOK UNIT #704H**

9. API WELL NO.

**30-045-35728**

10. FIELD AND POOL, OR WILDCAT

**Lybrook Mancos W**11. SEC., T., R., M., OR BLOCK AND  
SURVEY OR AREA**Sec 8, T23N, R8W**

12. COUNTY OR

**San Juan**

13. STATE

**New Mexico**

19. ELEVATION CASINGHEAD

14. PERMIT NO.

DATE ISSUED

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

**6823' GR**22. IF MULTICOMP.,  
HOW MANY23. INTERVALS  
DRILLED BY**ACCEPTED FOR RECORD**

ROTARY TOOLS

**x**

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

**YES**

27. WAS WELL CORED

**No**FARMINGTON FIELD OFFICE  
BY: **MAY 03 2017**15. DATE  
SPUDDED  
**12/9/16**16. DATE T.D.  
REACHED  
**1/7/17**17. DATE COMPLETED (READY TO PRODUCE)  
**4/26/17**20. TOTAL DEPTH, MD & TVD  
**11623' MD**  
**5075' TVD**21. PLUG, BACK T.D., MD & TVD  
**11567' MD**  
**5075' TVD**

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

**Lybrook Mancos W: 5772'-11544' MD**

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

| CASING SIZE/GRADE. | WEIGHT, LB./FT | DEPTH SET (MD)   | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|--------------------|----------------|------------------|-----------|---------------------------------|---------------|
| 9-5/8"             | 36#, J-55      | 320' MD          | 12-1/4"   | 101sx - surface                 |               |
| 7"                 | 23#, J-55      | 5764' MD         | 8-3/4"    | 2024 sx- surface                |               |
| 4-1/2"             | 11.6.#, P-110  | 5617'- 11614' MD | 6-1/8"    | 545 sx- surface TOL @ 5617'     |               |

29. LINER RECORD

| SIZE   | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE                          | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------|-------------|---------------|-------------|-------------------------------|----------------|-----------------|
| 4-1/2" | 5617'    |             |               |             | 2-3/8", 4.7#, J-55<br>EUE 8rd | 5774'          | 5585'           |

31. PERFORATION RECORD (Interval, size, and number)

**Lybrook Mancos W: 5772'-11544' MD**

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

Mancos 28<sup>th</sup> 5, 0.32" holesMancos 27<sup>th</sup> 5, 0.32" holesMancos 26<sup>th</sup> 5, 0.32" holesMancos 25<sup>th</sup> 5, 0.32" holesMancos 24<sup>th</sup> 5, 0.32" holesMancos 23<sup>rd</sup> 5, 0.32" holesMancos 22<sup>nd</sup> 5, 0.32" holes

OIL CONS. DIV DIST. 3

**MAY 04 2017****CONFIDENTIAL****NMCCD**

|             |                         |
|-------------|-------------------------|
| 5772'-5928' | 193350#, 20/40 PSA Sand |
| 5978'-6134' | 204500#, 20/40 PSA Sand |
| 6184'-6340' | 204972#, 20/40 PSA Sand |
| 6390'-6546' | 205029#, 20/40 PSA Sand |
| 6596'-6752' | 204891#, 20/40 PSA Sand |
| 6802'-6958' | 206900#, 20/40 PSA Sand |
| 7008'-7164' | 204500#, 20/40 PSA Sand |

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|                                                            |               |                         |
|------------------------------------------------------------|---------------|-------------------------|
| <u>Mancos 21<sup>st</sup> - 5, 0.32" holes</u>             | 7214'-7370'   | 204896#, 20/40 PSA Sand |
| <u>Mancos 20<sup>th</sup> - 5, 0.32" holes</u>             | 7420'-7576'   | 204897#, 20/40 PSA Sand |
| <u>Mancos 19<sup>th</sup> - 5, 0.32" holes</u>             | 7626'-7782'   | 204946#, 20/40 PSA Sand |
| <u>Mancos 18<sup>th</sup> - 5, 0.32" holes</u>             | 7832'-7988'   | 204000#, 20/40 PSA Sand |
| <u>Mancos 17<sup>th</sup> - 5, 0.32" holes</u>             | 8038'-8194'   | 205600#, 20/40 PSA Sand |
| <u>Mancos 16<sup>th</sup> - 5, 0.32" holes</u>             | 8244'-8400'   | 205195#, 20/40 PSA Sand |
| <u>Mancos 15<sup>th</sup> - 5, 0.32" holes</u>             | 8450'-8606'   | 205229#, 20/40 PSA Sand |
| <u>Mancos 14<sup>th</sup> - 5, 0.32" holes</u>             | 8656'-8812'   | 205300#, 20/40 PSA Sand |
| <u>Mancos 13<sup>th</sup> - 5, 0.32" holes</u>             | 8862'-9015'   | 204600#, 20/40 PSA Sand |
| <u>Mancos 12<sup>th</sup> - 5, 0.32" holes</u>             | 9068'-9224'   | 204800#, 20/40 PSA Sand |
| <u>Mancos 11<sup>th</sup> - 5, 0.32" holes</u>             | 9274'-9430'   | 174300#, 20/40 PSA Sand |
| <u>Mancos 10<sup>th</sup> - 5, 0.32" holes</u>             | 9480'-9636'   | 207000#, 20/40 PSA Sand |
| <u>Mancos 9<sup>th</sup> - 5, 0.32" holes</u>              | 9686'-9842'   | 206000#, 20/40 PSA Sand |
| <u>Mancos 8<sup>th</sup> - 5, 0.32" holes</u>              | 9892'-10048'  | 204200#, 20/40 PSA Sand |
| <u>Mancos 7<sup>th</sup> - 5, 0.32" holes</u>              | 10098'-10254' | 203800#, 20/40 PSA Sand |
| <u>Mancos 6<sup>th</sup> - 5, 0.32" holes</u>              | 10304'-10460' | 206800#, 20/40 PSA Sand |
| <u>Mancos 5<sup>th</sup> - 5, 0.32" holes</u>              | 10510'-10666' | 206000#, 20/40 PSA Sand |
| <u>Mancos 4<sup>th</sup> - 5, 0.32" holes</u>              | 10716'-10872' | 206100#, 20/40 PSA Sand |
| <u>Mancos 3<sup>rd</sup> - 5, 0.32" holes</u>              | 10922'-11078' | 204400#, 20/40 PSA Sand |
| <u>Mancos 2<sup>nd</sup> - 5, 0.32" holes</u>              | 11128'-11284' | 206000#, 20/40 PSA Sand |
| <u>Mancos 2<sup>nd</sup> - 5, 0.32" holes RSI @ 11544'</u> | 11390'-11544' | 210300# 20/40 PSA Sand  |

### 33. PRODUCTION

| DATE OF FIRST PRODUCTION<br>4/27/17 |        | PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)<br>Flowing |                                    |                   |                   | WELL STATUS (PRODUCING OR SI)<br>PR |               |
|-------------------------------------|--------|---------------------------------------------------------------------------------|------------------------------------|-------------------|-------------------|-------------------------------------|---------------|
| DATE OF TEST<br>4/28/17             | TESTED | CHOKE SIZE<br>28/64"                                                            | PROD'N FOR TEST<br>PERIOD<br>24 hr | OIL - BBL.<br>241 | GAS - MCF<br>2712 | WATER - BBL.<br>658                 | GAS-OIL RATIO |

| FLOW TBG PRESS | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL - BBL | GAS - MCF | WATER - BBL | OIL GRAVITY-API (COR.) |
|----------------|-----------------|-------------------------|-----------|-----------|-------------|------------------------|
| 620            | 800             |                         |           |           |             |                        |

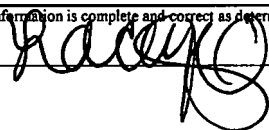
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): non flaring

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report

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

PRINTED NAME Lacey Granillo SIGNED



TITLE Permit Tech III DATE 5/2/17

| 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                 |      |
|                                                                                                                                                                                                                                                     |      |      |        |  |                             |                      | NAME |
|                                                                                                                                                                                                                                                     | MD   | TVD  |        |  |                             |                      |      |
| Ojo Alamo                                                                                                                                                                                                                                           | 808  | 808  |        |  |                             |                      |      |
| Kirtland                                                                                                                                                                                                                                            | 1016 | 1016 |        |  |                             |                      |      |
| Picture Cliffs                                                                                                                                                                                                                                      | 1392 | 1392 |        |  |                             |                      |      |
| Lewis                                                                                                                                                                                                                                               | 1503 | 1502 |        |  |                             |                      |      |
| Chacra                                                                                                                                                                                                                                              | 1813 | 1809 |        |  |                             |                      |      |
| Cliff House                                                                                                                                                                                                                                         | 2897 | 2830 |        |  |                             |                      |      |
| Menefee                                                                                                                                                                                                                                             | 3010 | 2933 |        |  |                             |                      |      |
| Point Lookout                                                                                                                                                                                                                                       | 4004 | 3850 |        |  |                             |                      |      |
| Mancos                                                                                                                                                                                                                                              | 4564 | 4379 |        |  |                             |                      |      |
| Gallup                                                                                                                                                                                                                                              | 5086 | 4859 |        |  |                             |                      |      |