

In Lieu of
Form 3100-2
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT 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 UT #711H

9. API WELL NO.

30-045-35809

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 MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

14. PERMIT NO.

DATE ISSUED

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

6823' GR

22. IF MULTICOMP.,
HOW MANY

2

<u>Mancos 30th 20, 0.32" holes</u>	7322'-7483'	205000#, 20/40 PSA Sand
<u>Mancos 29th 20, 0.32" holes</u>	7533'-7689'	206000#, 20/40 PSA Sand
<u>Mancos 28th 20, 0.32" holes</u>	7739'-7895'	203200#, 20/40 PSA Sand
<u>Mancos 27th 20, 0.32" holes</u>	7945'-8101'	206000#, 20/40 PSA Sand
<u>Mancos 26th 20, 0.32" holes</u>	8148'-8307'	204000#, 20/40 PSA Sand
<u>Mancos 25th 20, 0.32" holes</u>	8357'-8516'	205000#, 20/40 PSA Sand
<u>Mancos 24th 20, 0.32" holes</u>	8563'-8719'	206300#, 20/40 PSA Sand
<u>Mancos 23rd 20, 0.32" holes</u>	8769'-8925'	203200#, 20/40 PSA Sand
<u>Mancos 22nd 20, 0.32" holes</u>	8975'-9131'	202500#, 20/40 PSA Sand
<u>Mancos 21st 20, 0.32" holes</u>	9181'-9337'	204500#, 20/40 PSA Sand
<u>Mancos 20th 20, 0.32" holes</u>	9387'-9543'	206500#, 20/40 PSA Sand
<u>Mancos 19th 20, 0.32" holes</u>	9596'-9749'	203200#, 20/40 PSA Sand
<u>Mancos 18th 20, 0.32" holes</u>	9799'-9955'	208000#, 20/40 PSA Sand
<u>Mancos 17th 20, 0.32" holes</u>	10005'-10161'	205000#, 20/40 PSA Sand
<u>Mancos 16th 20, 0.32" holes</u>	10215'-10367'	204000#, 20/40 PSA Sand
<u>Mancos 15th 20, 0.32" holes</u>	10417'-10573'	202700#, 20/40 PSA Sand
<u>Mancos 14th - 20, 0.32" holes</u>	10623'-10779'	205000#, 20/40 PSA Sand
<u>Mancos 13th - 20, 0.32" holes</u>	10829'-10985'	206000#, 20/40 PSA Sand
<u>Mancos 12th - 20, 0.32" holes</u>	11034'-11191'	209285#, 20/40 PSA Sand
<u>Mancos 11th - 20, 0.32" holes</u>	11241'-11397'	206300#, 20/40 PSA Sand
<u>Mancos 10th - 20, 0.32" holes</u>	11447'-11603'	205000#, 20/40 PSA Sand
<u>Mancos 9th - 20, 0.32" holes</u>	11653'-11811'	205500#, 20/40 PSA Sand
<u>Mancos 8th - 20, 0.32" holes</u>	11859'-12015'	207000#, 20/40 PSA Sand
<u>Mancos 7th - 20, 0.32" holes</u>	12065'-12221'	207000#, 20/40 PSA Sand
<u>Mancos 6th - 20, 0.32" holes</u>	12171'-12427'	204800#, 20/40 PSA Sand

Mancos5th – 20, 0.32” holes

Mancos4th – 20, 0.32” holes

Mancos3rd – 20, 0.32” holes

Mancos 2nd – 20, 0.32” holes

Mancos1st – 20, 0.32” holes

12477'-12633'	205000#, 20/40 PSA Sand
12683'-12839'	206000#, 20/40 PSA Sand
12889'-13045'	204000#, 20/40 PSA Sand
13095'-13251'	205000#, 20/40 PSA Sand
13301'-13457'	205500# 20/40 PSA Sand

33. PRODUCTION

DATE OF FIRST PRODUCTION 3/27/17		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) PR				WELL STATUS (PRODUCING OR SI) PR	
DATE OF TEST 3/27/17	TESTED	CHOKE SIZE 32/64"	PROD'N FOR TEST PERIOD 24	OIL - BBL. 0	GAS - MCF 2286	WATER - BBL. 254	GAS-OIL RATIO
FLOW TBG PRESS na	CASING PRESSURE 800	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)

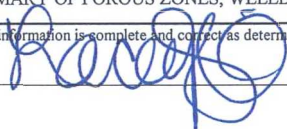
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): non flaring

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 5/12/17

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		867					
Kirtland	867	1069					
Picture Cliffs	1069	1402					
Lewis	1402	1592					
Chacra	1592	1806					
Cliff House	1806	2885					
Menefee	2919	2924					
Point Lookout	2961	3839					
Mancos	3954	4015					
Gallup	4146	4371					
	4521						