

In Lieu of
Form 3160-4
(July 1992)

RECEIVED
MAY 03 2017
Farmington Field Office
Bureau of Land Management

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 UNIT #744H

9. API WELL NO.

30-045-35730

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

15. DATE
SPUDED
12/8/16

16. DATE T.D.
REACHED
1/14/17

17. DATE COMPLETED (READY TO PRODUCE)
4/29/17

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6823' GR

20. TOTAL DEPTH, MD & TVD
10580' MD
5104' TVD

21. PLUG, BACK T.D., MD & TVD
10532' MD
5105' TVD

22. IF MULTICOMP.,
HOW MANY
ACCEPTED FOR RECORD

23. INTERVALS
DRILLED BY

ROTARY TOOLS
X

CABLE TOOLS

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

Lybrook Mancos W: 5770'-10511' MD

26. TYPE ELECTRIC AND OTHER LOGS RUN

MAY 04 2017

FARMINGTON FIELD OFFICE
BY: *[Signature]*

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

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	321' MD	12-1/4"	101sx - surface	
7"	23#, J-55	5623' MD	8-3/4"	950 sx- surface	
4-1/2"	11.6.#, P-110	5473'-10578' MD	6-1/8"	465 sx- surface TOL @ 5473'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	5473'				2-3/8", 4.7#, J-55 EUE 8rd	5627'	5433'

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

Lybrook Mancos W: 5770'-10511' MD

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

Mancos23rd 20.0 .32" holes

5770'-5926' 193400 #, 20/40 PSA Sand

Mancos22nd 20.0 .32" holes

5976'-6132' 205900 #, 20/40 PSA Sand

Mancos21st 20.0 .32" holes

6182'-6338' 205900 #, 20/40 PSA Sand

Mancos20th 20.0 .32" holes

6388'-6544' 205018 #, 20/40 PSA Sand

Mancos19th 20.0 .32" holes

6594'-6750' 205030 #, 20/40 PSA Sand

Mancos18th 20.0 .32" holes

6800'-6956' 205040 #, 20/40 PSA Sand

Mancos17th 20.0 .32" holes

7006'-7162' 207000 #, 20/40 PSA Sand

CONFIDENTIAL

NMOCDAV

3

Mancos16th - 20, 0.32" holes

Mancos15th - 20, 0.32" holes

Mancos14th - 20, 0.32" holes

Mancos13th - 20, 0.32" holes

Mancos12th - 20, 0.32" holes

Mancos11th - 20, 0.32" holes

Mancos10th - 20, 0.32" holes

Mancos9th - 20, 0.32" holes

Mancos8th - 20, 0.32" holes

Mancos7th - 20, 0.32" holes

Mancos6th - 20, 0.32" holes

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 RSI TOOL @ 10511'

7212'-7368'

206000 #, 20/40 PSA Sand

7418'-7574'

204942 #, 20/40 PSA Sand

7624'-7780'

204856 #, 20/40 PSA Sand

7830'-7986'

204760 #, 20/40 PSA Sand

8036'-8192'

206000 #, 20/40 PSA Sand

8242'-8398'

204930#, 20/40 PSA Sand

8448'-8604'

205035#, 20/40 PSA Sand

8654'-8810'

206000#, 20/40 PSA Sand

8860'-9016'

204600#, 20/40 PSA Sand

9066'-9222'

204600#, 20/40 PSA Sand

9272'-9428'

204500#, 20/40 PSA Sand

9478'-9634'

205500#, 20/40 PSA Sand

9684'-9840'

205500#, 20/40 PSA Sand

9890'-10046'

205600#, 20/40 PSA Sand

10096'-10252'

206000#, 20/40 PSA Sand

10538'-10511'

205100 # 20/40 PSA Sand

33. PRODUCTION

DATE OF FIRST PRODUCTION 4/30/17		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) PR	
DATE OF TEST 4/30/17	TESTED	CHOKE SIZE 40/64"	PROD'N FOR TEST PERIOD 24	OIL - BBL. 263	GAS - MCF 253	WATER - BBL. 573	GAS-OIL RATIO
FLOW TBG PRESS 260	CASING PRESSURE 700	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 accurate as determined from all available records

PRINTED NAME Lacey Granillo SIGNED

TITLE Permit Tech III DATE 5/3/17

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	855	855					
Kirtland	1070	1069					
Picture Cliffs	1403	1403					
Lewis	1592	1592					
Chacra	1807	1807					
Cliff House	2900	2890					
Menefee	2946	2934					
Point Lookout	3942	3856					
Mancos	4145	4042					
Gallup	4508	4394					