

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.

NMNM109399

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

NMNM 135216A

8. FARM OR LEASE NAME, WELL NO.

W LYBROOK UT #702H

9. API WELL NO.

30-045-35726

10. FIELD AND POOL, OR WILDCAT

Lybrook Mancos W

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

Sec 9, T23N, R8W

12. COUNTY OR

San Juan

13. STATE

New Mexico

19. ELEVATION CASINGHEAD

15. DATE
SPUDDED
2/9/17

16. DATE T.D.
REACHED
3/9/17

17. DATE COMPLETED (READY TO PRODUCE)
4/15/17

14. PERMIT NO.

DATE ISSUED

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6930' GR

20. TOTAL DEPTH, MD & TVD
12214' MD
5314' TVD

21. PLUG, BACK T.D., MD & TVD
12159' MD
5314' TVD

22. IF MULTICOMP.,
HOW MANY

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: 5744'-12135' MD

26. TYPE ELECTRIC AND OTHER LOGS RUN

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
13-3/8"	54.5#, J-55	241' MD	17-1/2"	155sx - surface	
9-5/8"	36#, J-55	3160' MD	12-1/4"	985 sx - surface	
5-1/2"	23.#, P-110	12206' MD	8-1/2"	2450 sx - surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8", 6.5#, J-55 EUE 8rd	5814'	5583'

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

Lybrook Mancos W: 5744'-12135' MD

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

Mancos 32nd 20, 0.32" holes

5744'-5900' 205000#, 20/40 PSA Sand

Mancos 31st 20, 0.32" holes

5950'-6106' 205023#, 20/40 PSA Sand

Mancos 30th 20, 0.32" holes

6156'-6312' 204993#, 20/40 PSA Sand

Mancos 29th 20, 0.32" holes

6362'-6518' 205000#, 20/40 PSA Sand

Mancos 28th 20, 0.32" holes

6568'-6727' 205000#, 20/40 PSA Sand

Mancos 27th 20, 0.32" holes

6774'-6930' 205000#, 20/40 PSA Sand

Mancos 26th 20, 0.32" holes

6980'-7136' 205000#, 20/40 PSA Sand

Mancos 25th 20, 0.32" holes

7186'-7342' 204988#, 20/40 PSA Sand

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<u>Mancos 24th 20, 0.32" holes</u>	7392'-7548'	205063#, 20/40 PSA Sand
<u>Mancos 23rd 20, 0.32" holes</u>	7600'-7754'	205019#, 20/40 PSA Sand
<u>Mancos 22nd 20, 0.32" holes</u>	7804'-7960'	204961#, 20/40 PSA Sand
<u>Mancos 21st 20, 0.32" holes</u>	8010'-8166'	205000#, 20/40 PSA Sand
<u>Mancos 20th 20, 0.32" holes</u>	8216'-8372'	205000#, 20/40 PSA Sand
<u>Mancos 19th 20, 0.32" holes</u>	8422'-8578'	207000#, 20/40 PSA Sand
<u>Mancos 18th 20, 0.32" holes</u>	8628'-8778'	205000#, 20/40 PSA Sand
<u>Mancos 17th 20, 0.32" holes</u>	8834'-8990'	206000#, 20/40 PSA Sand
<u>Mancos 16th 20, 0.32" holes</u>	9040'-9196'	204867#, 20/40 PSA Sand
<u>Mancos 15th 20, 0.32" holes</u>	9246'-9405'	204949#, 20/40 PSA Sand
<u>Mancos 14th – 20, 0.32" holes</u>	9452'-9608'	204899#, 20/40 PSA Sand
<u>Mancos 13th – 20, 0.32" holes</u>	9658'-9814'	205200#, 20/40 PSA Sand
<u>Mancos 12th – 20, 0.32" holes</u>	9864'-10020'	205200#, 20/40 PSA Sand
<u>Mancos 11th – 20, 0.32" holes</u>	10070'-10226'	205100#, 20/40 PSA Sand
<u>Mancos 10th – 20, 0.32" holes</u>	10276'-10432'	205003#, 20/40 PSA Sand
<u>Mancos 9th – 20, 0.32" holes</u>	10482'-10638'	204927#, 20/40 PSA Sand
<u>Mancos 8th – 20, 0.32" holes</u>	10688'-10844'	205025#, 20/40 PSA Sand
<u>Mancos 7th – 20, 0.32" holes</u>	10894'-11050'	205037#, 20/40 PSA Sand
<u>Mancos 6th – 20, 0.32" holes</u>	11100'-11256'	165260#, 20/40 PSA Sand
<u>Mancos 5th – 20, 0.32" holes</u>	11306'-11462'	165080#, 20/40 PSA Sand
<u>Mancos 4th – 20, 0.32" holes</u>	11512'-11668'	205122#, 20/40 PSA Sand
<u>Mancos 3rd – 20, 0.32" holes</u>	11718'-11874'	204910#, 20/40 PSA Sand
<u>Mancos 2nd – 20, 0.32" holes</u>	11924'-12080'	204156#, 20/40 PSA Sand
<u>Mancos 1st – 20, 0.32" holes</u>	12130'-12135'	50000# 20/40 PSA Sand

33. PRODUCTION

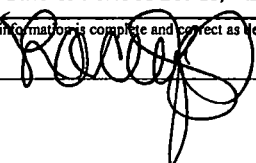
DATE OF FIRST PRODUCTION 4/17/17		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) PR	
DATE OF TEST 4/17/17	TESTED	CHOKE SIZE 64/64"	PROD'N FOR TEST PERIOD 24	OIL - BBL. 430	GAS - MCF 0	WATER - BBL. 975	GAS-OIL RATIO
FLOW TBG PRESS 740	CASING PRESSURE 920	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 4/21/17

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	1015	1011					
Kirtland	1216	1208					
Picture Cliffs	1588	1571					
Lewis	1734	1714					
Chacra	1967	1942					
Cliff House	3073	3021					
Menefee	3111	3058					
Point Lookout	4023	3953					
Mancos	4218	4144					
Gallup	4591	4511					