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In Lieu of
Form 3160-4
(July 1992)

JUL 06 2016

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-1403-1944

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

NMNM 135216X

8. FARM OR LEASE NAME, WELL NO.

W. Lybrook UT # 748H

9. API WELL NO.:

30-045-35743-0051

10. FIELD AND POOL, OR WILDCAT

Lybrook Mancos W

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

Sec 12, T23N, R9W

12. COUNTY OR

PARISH
San Juan

13. STATE

New Mexico

19. ELEVATION CASINGHEAD

14. PERMIT NO.

DATE ISSUED

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

6733' GR

15. DATE
SPUDDEDSPUDDED
2/17/1616. DATE T.D.
REACHED

3/25/16

17. DATE COMPLETED (READY TO PRODUCE)

6/29/16

20. TOTAL DEPTH, MD & TVD
13507' MD
4916' TVD21. PLUG, BACK T.D., MD & TVD
13407' MD
4915' TVD22. IF MULTICOMP.,
HOW MANY23. INTERVALS
DRILLED BYROTARY TOOLS
X

CABLE TOOLS

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

Lybrook Mancos W: 5538'-13386' 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
9-5/8"	36#, J-55	331' MD	12-1/4"	101sx - surface	
7"	23#, J-55	5473' MD	8-3/4"	865sx - surface	
4-1/2"	11.6#, P-110	13500' MD	6-1/8"	745sx - surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	5333'				2.375", 4.7#, J-55 EUE 8rd	5293'	5226'

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

Lybrook Mancos W: 5538'-13386' MD

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

MANCOS 38th - 24, 0.35" holes

ACCEPTED FOR RECORD

MANCOS 37th - 24, 0.35" holes

JUL 08 2016

MANCOS 36th - 24, 0.35" holesFARMINGTON FIELD OFFICE
BY: William TambekouMANCOS 35th - 24, 0.35" holesMANCOS 34th - 24, 0.35" holesMANCOS 33rd - 24, 0.35" holesMANCOS 32nd - 24, 0.35" holesMANCOS 31st - 24, 0.35" holes

CONFIDENTIAL

NMOCD

5538'-5694' 214,896#, 20/40 PSA Sand

5744'-5897' 214,948#, 20/40 PSA Sand

5950'-6106' 214,520#, 20/40 PSA Sand

6156'-6312' 217,200#, 20/40 PSA Sand

6362'-6518' 214,896#, 20/40 PSA Sand

6568'-6724' 214,724#, 20/40 PSA Sand

6778'-6930' 214,036#, 20/40 PSA Sand

6980'-7130' 214,320#, 20/40 PSA Sand

• MANCOS 30th – 24, 0.35" holes
MANCOS 29th – 24, 0.35" holes
MANCOS 28th – 24, 0.35" holes
MANCOS 27th – 24, 0.35" holes
MANCOS 26th – 24, 0.35" holes
MANCOS 25th – 24, 0.35" holes
MANCOS 24th – 24, 0.35" holes
MANCOS 23rd – 24, 0.35" holes
MANCOS 22nd – 24, 0.35" holes
MANCOS 21st – 24, 0.35" holes
MANCOS 20th – 24, 0.35" holes
MANCOS 19th – 24, 0.35" holes
MANCOS 18th – 24, 0.35" holes
MANCOS 17th – 24, 0.35" holes
MANCOS 16th – 24, 0.35" holes
MANCOS 15th – 24, 0.35" holes
MANCOS 14th – 24, 0.35" holes
MANCOS 13th – 24, 0.35" holes
MANCOS 12th – 24, 0.35" holes
MANCOS 11th – 24, 0.35" holes
MANCOS 10th – 24, 0.35" holes
MANCOS 9th – 24, 0.35" holes
MANCOS 8th – 24, 0.35" holes
MANCOS 7th – 24, 0.35" holes
MANCOS 6th – 24, 0.35" holes
MANCOS 5th – 24, 0.35" holes
MANCOS 4th – 24, 0.35" holes

7186'-7342'	214,545#, 20/40 PSA Sand
7392'-7548'	214,682#, 20/40 PSA Sand
7598'-7754'	214,500#, 20/40 PSA Sand
7808'-7960'	215,320#, 20/40 PSA Sand
8010'-8166'	215,120#, 20/40 PSA Sand
8216'-8372'	214,700#, 20/40 PSA Sand
8422'-8578'	209,840#, 20/40 PSA Sand
8628'-8784'	215,120#, 20/40 PSA Sand
8839'-8985'	213,479#, 20/40 PSA Sand
9040'-9196'	214,700#, 20/40 PSA Sand
9242'-9402'	211,060#, 20/40 PSA Sand
9452'-9608'	213,800#, 20/40 PSA Sand
9658'-9814'	218,680#, 20/40 PSA Sand
9864'-10014'	215,880#, 20/40 PSA Sand
10070'-10226'	213,070#, 20/40 PSA Sand
10276'-10432'	214,809#, 20/40 PSA Sand
10482'-10638'	214,440#, 20/40 PSA Sand
10688'-10844'	214,420#, 20/40 PSA Sand
10894'-11050'	212,460#, 20/40 PSA Sand
11100'-11256'	213,866#, 20/40 PSA Sand
11310'-11462'	214,742#, 20/40 PSA Sand
11512'-11665'	213,080#, 20/40 PSA Sand
11718'-11874'	215,504#, 20/40 PSA Sand
11924'-12080'	215,794#, 20/40 PSA Sand
12130'-12286'	214,779#, 20/40 PSA Sand
12336'-12492'	214,600#, 20/40 PSA Sand
12542'-12698'	214,600#, 20/40 PSA Sand

MANCOS 3rd - 24, 0.35" holes

12748'- 12904'

214,412#, 20/40 PSA Sand

MANCOS 2nd - 24, 0.35" holes

12954'-13110'

214,823#, 20/40 PSA Sand

MANCOS 1st - 18, 0.35" holes RSI TOOL @ 13386'

13175'-13386'

215,020#, 20/40 PSA Sand

33. PRODUCTION

DATE OF FIRST PRODUCTION 6/29/16		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) PR	
DATE OF TEST Will file on delivery sundry	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MANCOSF	WATER - BBL.	GAS-OIL RATIO
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MANCOSF	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 III

DATE 7/6/16

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	
	MD	TVD					NAME
OJO ALAMO	578	578					
KIRTLAND	746	745					
PICTURE CLIFFS	1272	1266					
LEWIS	1427	1418					
CHACRA	1643	1628					
CLIFF HOUSE	2778	2731					
MENEFEE	2805	2757					
PT LOOKOUT	3743	3670					
MANCOS	3912	3835					
GALLUP	4266	4188					