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Form 3160-4
(July 1992)

MAY 05 2017

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOIL CONS. DIV. DIST. 3
MAY 10 2017
(See other instructions on
reverse side)FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995Farmington Field Office
Bureau of Land Management

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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 743H

9. API WELL NO.

30-045-35729

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

15. DATE SPUN
12/7/1616. DATE T.D. REACHED
1/31/1717. DATE COMPLETED (READY TO PRODUCE)
5/1/17

14. PERMIT NO.

DATE ISSUED

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6823' GR20. TOTAL DEPTH, MD & TVD
9816' MD
5124' TVD21. PLUG, BACK T.D., MD & TVD
9766' MD
5125' TVD22. IF MULTICOMP, HOW MANY
23. INTERVALS DRILLED BYROTARY TOOLS
X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
Lybrook Mancos W: 5838'-9752' MD25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

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	334' MD	12-1/4"	101sx - surface	
7"	23#, J-55	5809' MD	8-3/4"	970 sx- surface	
4-1/2"	11.6 #, P-110	5657'-9816' MD	6-1/8"	380 sx- surface TOL @ 5657'.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	5657'				2-3/8", 4.7#, J-55 EUE 8rd	5767'	5608'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size, and number)
Lybrook Mancos W: 5838'-9752' MD32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USEDMancos19th 20, 0.32" holes

5838'-5994' 192956#, 20/40 PSA Sand

Mancos18th 20, 0.32" holes

6046'-6200' 206300#, 20/40 PSA Sand

Mancos17th 20, 0.32" holes

6250'-6408' 206000#, 20/40 PSA Sand

Mancos16th 20, 0.32" holes

6456'-6612' 204971#, 20/40 PSA Sand

Mancos15th 20, 0.32" holes

6662'-6818' 204865#, 20/40 PSA Sand

Mancos14th - 20, 0.32" holes

6868'-7024' 204891#, 20/40 PSA Sand

Mancos13th - 20, 0.32" holes

7074'-7230' 206000#, 20/40 PSA Sand

Mancos12th - 20, 0.32" holes

7280'-7436' 205300#, 20/40 PSA Sand

Mancos11th - 20, 0.32" holes

7486'-7642' 204825#, 20/40 PSA Sand

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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

7692'-7848'	204845#, 20/40 PSA Sand
7898'-8054'	204861#, 20/40 PSA Sand
8104'-8260'	207000#, 20/40 PSA Sand
8310'-8466'	204760#, 20/40 PSA Sand
8516'-8672'	205061#, 20/40 PSA Sand
8722'-8878'	206100#, 20/40 PSA Sand
8928'-9084'	203100#, 20/40 PSA Sand
9134'-9288'	205000#, 20/40 PSA Sand
9340'-9496'	206400#, 20/40 PSA Sand
9598'-9752'	206500# 20/40 PSA Sand

33. PRODUCTION

DATE OF FIRST PRODUCTION 5/2/17		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) PR	
DATE OF TEST 5/2/17	TESTED	CHOKE SIZE 64/64"	PROD'N FOR TEST PERIOD 24hrs	OIL - BBL. 8bbbls	GAS - MCF NA	WATER - BBL. 166bbbls	GAS-OIL RATIO
FLOW TBG PRESS 179psi	CASING PRESSURE 643psi	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 Marie E. Jaramillo SIGNED

TITLE Permit Tech III DATE 5/5/17

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
<u>Formation</u>	<u>MD</u>	<u>TVD</u>					
Ojo Alamo	862	862					
Kirtland	1069	1068					
Pictured Cliffs	1405	1404					
Lewis	1597	1594					
Chacra	1819	1809					
Cliffhouse	3007	2902					
Menefee	3056	2947					
Point Lookout	4054	3869					
Mancos	4258	4055					
Gallup	4642	4416					

W Lybrook Unit 743H Lybrook Mancos W

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Spud: 12/7/16

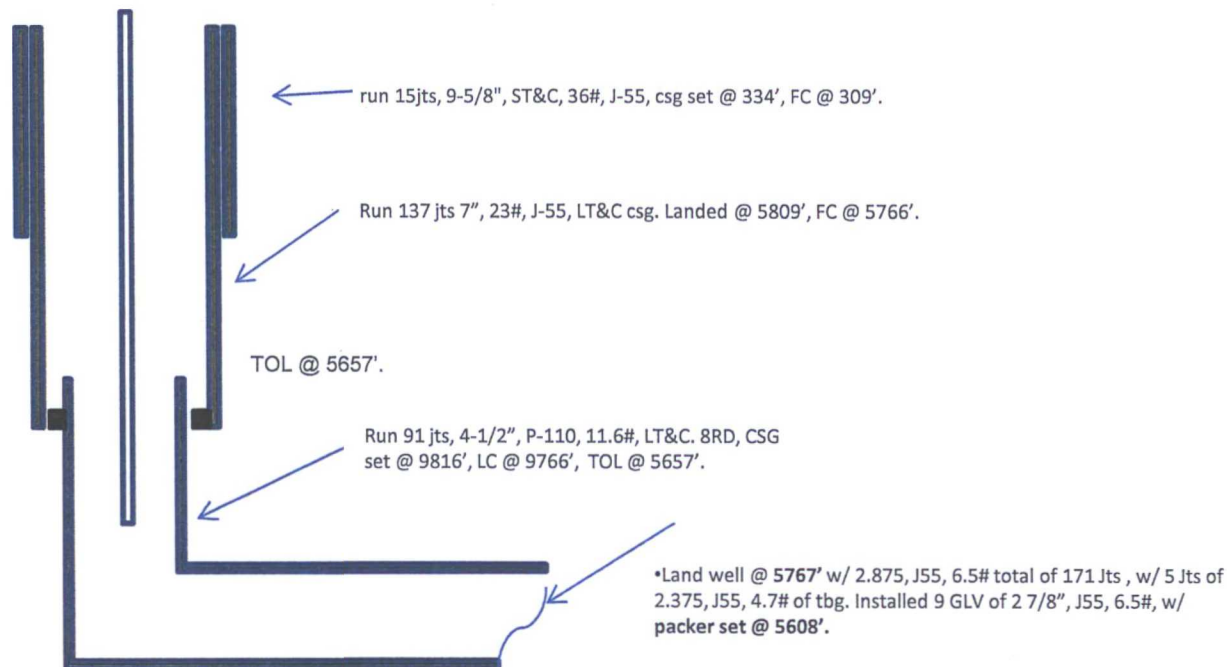
Completed: 5/1/17

SHL: 1209' FSL & 1346' FWL
SE/4 SW/4 Section 8 (N), T23N, R8W

BHL: 940' FNL & 335' FEL
NE/4 NE/4 Section 17 (A), T23N, R8W

San Juan, NM
Elevation: 6823
API: 30-045-35729

Formation	MD	TVD
Ojo Alamo	862	862
Kirtland	1069	1068
Pictured Cliffs	1405	1404
Lewis	1597	1594
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Gallup	4642	4416



Lybrook Mancos W

Perf'd @ 5838'-9752' w/ 4SPF .32" diameter w/ 380 holes. Frac'd w/ 19stgs of

20/40 sand w/ total of 3,889,735#.

TD: 9816' MD
TVD: 5124'
PBTD: 9766' MD

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	101sx	163cu.ft.	Surface
8-3/4"	7"	970 sx	1567cu. ft.	Surface
6-1/8"	4-1/2"	380sx	516cu. ft.	5657' TOL

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LG 5/2/17