

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.
NMNM 109387

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Aztec Oil Syndicate #2H

9. API WELL NO.
30-043-21227 - 0051

10. FIELD AND POOL, OR WILDCAT
LYRBOOK GALLUP

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SEC 5 22N 6W

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR

13. STATE
New Mexico

19. ELEVATION CASINGHEAD

15. DATE
SPUDDED
7/25/14

16. DATE T.D.
REACHED
9/1/14

17. DATE COMPLETED (READY TO PRODUCE)
10/4/14

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
7126' GR

20. TOTAL DEPTH, MD & TVD
13108' MD
5385' TVD 5386'

21. PLUG, BACK T.D., MD & TVD
13015' MD
5385' 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 GALLUP: 6665'-13014' MD

25. 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)

PCND OCT 15 '14

CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#, J-55	343' MD	12-1/4"	101sx - surface	OIL CONS. DIV. DIST. 3
7"	23#, J-55	6392' MD	8-3/4"	840 sx- surface	
4-1/2"	11.6.#, K-55	5289' TOL	6-1/8"	None - this is a temporary tie back string used for stimulation. It will be removed when artificial lift is installed	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	5289'	13102' MD	590 sx-		2-3/8", 4.7#, J-55 EUE 8rd	5650'	

31. PERFORATION RECORD (Interval, size, and number)
LYBROOK GALLUP: 6665'-13014' MD

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

GALLUP 22nd - 24, 0.40" holes

6665'-6862' 235,000#, 20/40 PSA Sand

GALLUP 21st - 24, 0.40" holes

6960'-7160' 238,900#, 20/40 PSA Sand

GALLUP 20th - 24, 0.40" holes

7255'-7452' 241,200#, 20/40 PSA Sand

GALLUP 19th - 24, 0.40" holes

7550'-7747' 247,724#, 20/40 PSA Sand

GALLUP 18th - 24, 0.40" holes

7845'-8042' 250,340#, 20/40 PSA Sand

GALLUP 17th - 24, 0.40" holes

8140'-8337' 216,506#, 20/40 PSA Sand

GALLUP 16th - 24, 0.40" holes

8435'-8632' 199,656#, 20/40 PSA Sand

CONFIDENTIAL

ACCEPTED FOR RECORD

OCT 15 2014

FARMINGTON FIELD OFFICE
BY: William Tambekou

NMOCDA

GALLUP 15th – 24, 0.40" holes

GALLUP 14th – 24, 0.40" holes

GALLUP 13th – 24, 0.40" holes

GALLUP 12th – 24, 0.40" holes

GALLUP 11th – 24, 0.40" holes

GALLUP 10th – 24, 0.40" holes

GALLUP 9th – 24, 0.40" holes

GALLUP 8th – 24, 0.40" holes

GALLUP 7th – 24, 0.40" holes

GALLUP 6th – 24, 0.40" holes

GALLUP 5th – 24, 0.40" holes

GALLUP 4th – 24, 0.40" holes

GALLUP 3rd – 24, 0.40" holes

GALLUP 2nd – 24, 0.40" holes

GALLUP 1st – 18, 0.40" holes RSI TOOL @ 13014'

8730'-8912'	199,403#, 20/40 PSA Sand
8990'-9168'	218,442#, 20/40 PSA Sand
9250'-9432'	202,000#, 20/40 PSA Sand
9530'-9742'	200,800# 20/40 PSA Sand
9840'-10052'	200,926#, 20/40 PSA Sand
10150'-10362'	211,067#, 20/40 PSA Sand
10460'-10676'	211,884#, 20/40 PSA Sand
10770'-10997'	213,513#, 20/40 PSA Sand
11095'-11286'	199,534#, 20/40 PSA Sand
11384'-11596'	198,000#, 20/40 PSA Sand
11694'-11906'	200,860#, 20/40 PSA Sand
12004'-12116'	202,900#, 20/40 PSA Sand
12314'-12526'	200,600#, 20/40 PSA Sand
12624'-12742'	218,691#, 20/40 PSA Sand
12834'-13014'	200,309 # 20/40 PSA Sand

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
10/7/14		Flowing				POW	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL.	GAS-OIL RATIO
10/7/14	24 HRS	1"		791	1428	438	
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)
400	1250						

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 Larry Higgins SIGNED Larry Higgins TITLE Regulatory Spec DATE 10/13/14

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
Ojo Alamo							
Kirtland	1332						
Picture Cliffs	1592						
Lewis	1899						
Chacra	2008						
Cliff House	2322						
Menefee	3411						
Point Lookout	3412						
Mancos	3440						
Gallup	4201						
	4747						