

In Lieu of
Form 3160-4
(July 1992)

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.
NMSF-078362

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b. TYPE OF COMPLETION:
☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

MAY 06 2014

2. NAME OF OPERATOR
WPX Energy Production, LLC.

Farmington Field Office
Bureau of Land Management
Chaco 2307-12E #169H

3. ADDRESS AND TELEPHONE NO.
P.O. Box 640, Aztec, NM 87410 (505) 333-1808

9. API WELL NO.
30-039-31211

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
SHL: 1524' FNL & 262' FWL SEC 12 23N 7W
BHL: 1819' FNL & 129' FWL SEC 11 23N 7W

OIL CONS. DIV DIST. 3

10. FIELD AND POOL, OR WILDCAT
LYBROOK GALLUP

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SEC 12 23N 7W

CONFIDENTIAL

MAY 08 2014

14. PERMIT NO. DATE ISSUED

12. COUNTY OR
RIO ARRIBA 13. STATE
New Mexico

15. DATE
SPUDDED
3/6/14

16. DATE T.D.
REACHED
4/1/14

17. DATE COMPLETED (READY TO PRODUCE)
5/5/14

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
7039' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
10690' MD 5509' TVD

21. PLUG, BACK T.D., MD & TVD
10510' MD 5523' 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: 6122'-10490' 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)

CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#, J-55	423' MD	12-1/4"	245 sx - surface	
7"	23#, J-55	6113' MD	8-3/4"	890 sx - surface	
4-1/2"	11.6#, N-80	5565' (TOL)	6-1/8"	Note - 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"	5565'	10594' MD	355 sx-		2-3/8", 4.7#, J-55 EUE 8rd	5749'	

31. PERFORATION RECORD (Interval, size, and number)
LYBROOK GALLUP: 6122'-10490' MD

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

DEPTH
INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

GALLUP 14th - 24, 0.40" holes

6122'-6309' 262,480#, 20/40 PSA Sand

GALLUP 13th - 24, 0.40" holes

6408'-6595' 262,800#, 20/40 PSA Sand

GALLUP 12th - 24, 0.40" holes

6694'-6876' 265,100 20/40 PSA Sand

GALLUP 11th - 24, 0.40" holes

6980'-7167' 264,000#, 20/40 PSA Sand

GALLUP 10th - 24, 0.40" holes

7265'-7447' 215,000#, 20/40 PSA Sand

GALLUP 9th - 24, 0.40" holes

7551'-7727' 213,560#, 20/40 PSA Sand

ACCEPTED FOR RECORD

MAY 07 2014

NMOCDFV

FARMINGTON FIELD OFFICE
BY: William Tambekou

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 @ 10490'

7843'-8048'

215,200#, 20/40 PSA Sand

8167'-8369'

212,800#, 20/40 PSA Sand

8464'-8667'

215,500#, 20/40 PSA Sand

8769'-8971'

214,000#, 20/40 PSA Sand

9070'-9377'

211,570#, 20/40 PSA Sand

9496'-9863'

215,130#, 20/40 PSA Sand

9982'-10184'

214,800#, 20/40 PSA Sand

10282'-10490'

214,00 # 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)	
5/5/14		Flowing				POW	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL.	GAS-OIL RATIO
5/5/14	24 HRS	1"		422	1736	196	
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)
265	1090						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): non flaring

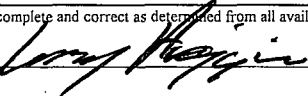
TEST WITNESSED BY:

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



TITLE Regulatory Spec SR.

DATE 5/6/2014

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	1460	1454				
Kirtland	1767	1759				
Picture Cliffs	2058	2047				
Lewis	2170	2159				
Chacra	2501	2486				
Cliff House	3593	3579				
Menefee	3623	3609				
Point Lookout	4364	4349				
GALLUP	4566	4552				
Gallup	4982	4967				

Chaco 2307-12E #169H

LYBROOK GALLUP Horizontal

(page 1)

Spud: 3/6/14

Completed: 5/5/14

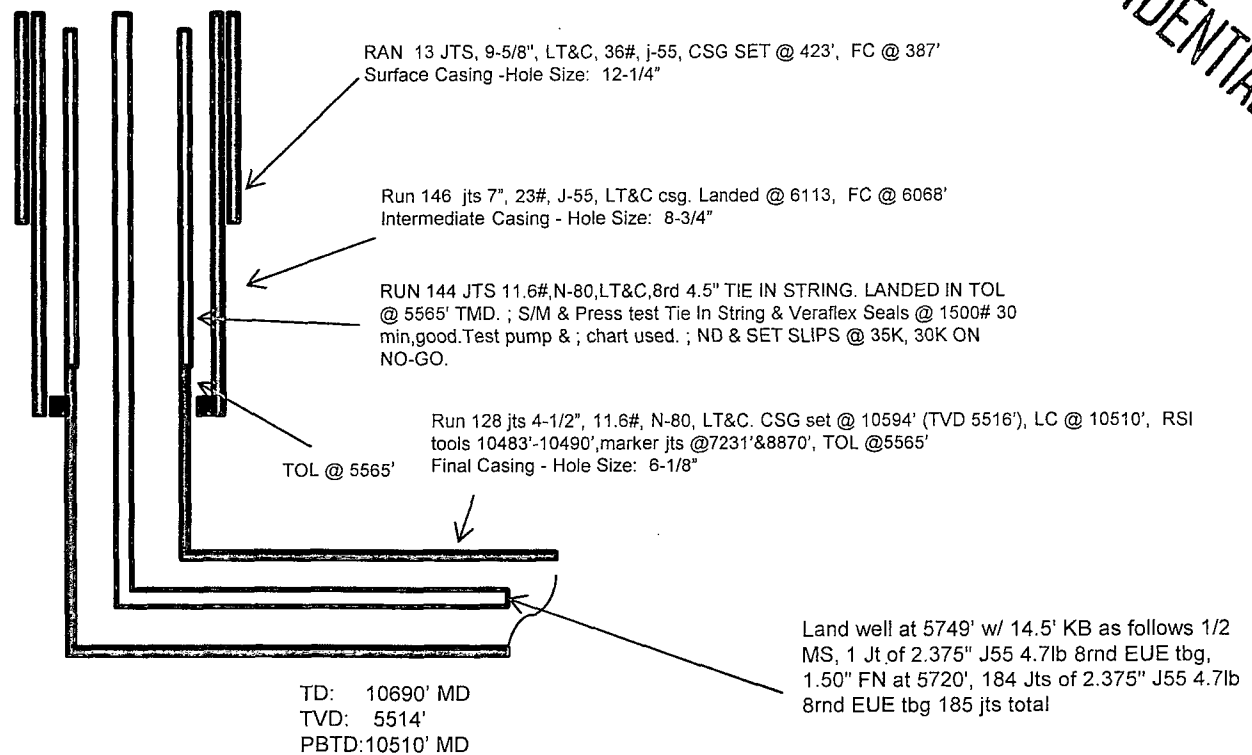
CONFIDENTIAL

SHL: 1524' FNL & 262' FWL
SW/4 NW/4 Section 12 (E), T23N, R7W

BHL: 1819' FNL & 129' FWL
SW/4 NW/4 Section 11 (E), T23N, R 7W

RIO ARRIBA., NM
Elevation: 7039'
API: 30-039-31211

Tops	MD	TVD
Ojo Alamo	1460'	1454'
Kirtland	1767'	1759'
Pictured Cliffs	2058'	2047'
Lewis	2170'	2159'
Chacra	2501'	2486'
Cliff House	3593'	3579'
Menefee	3623'	3609'
Point Lookout	4364'	4349'
Mancos	4566'	4552'
Gallup	4982'	4967'



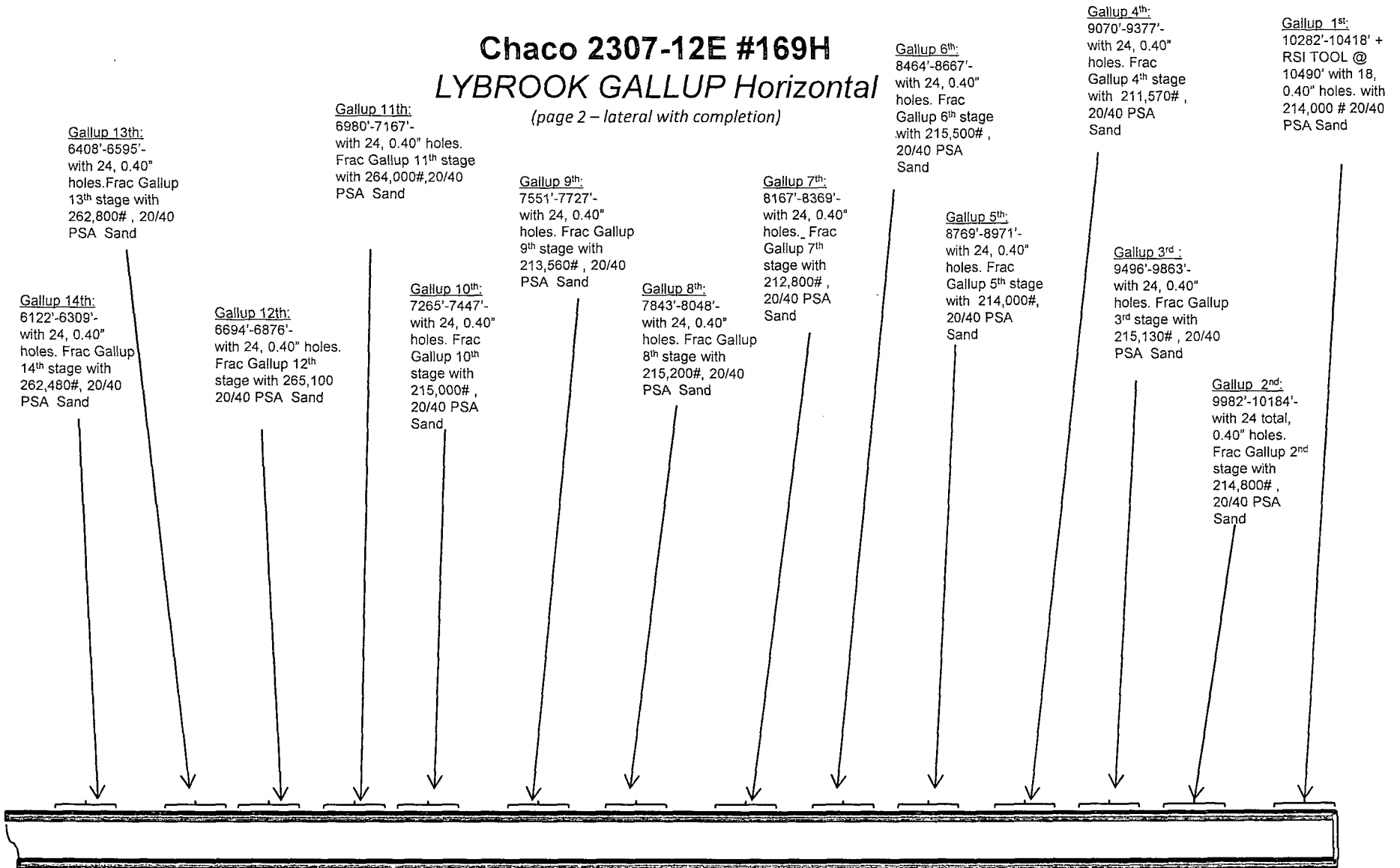
HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 sx	222 cu.ft.	Surface
8-3/4"	7"	890 sx	1137 cu. ft.	Surface
6-1/8"	4-1/2"	355 sx	552 cu. ft.	TOL 5565'

Lg 5/6/14

Chaco 2307-12E #169H

LYBROOK GALLUP Horizontal

(page 2 – lateral with completion)



See page 1 for upper portion of hole