

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

2. NAME OF OPERATOR
WPX Energy Production, LLC.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
SHL: 1680' FSL & 591' FWL SEC 6 23N 6W
BHL: 369' FSL & 229' FWL SEC 1 23N 7W

MAR 07 2014

RECEIVED
Bureau of Land Management

8. FARM OR LEASE NAME, WELL NO.
Chaco 2306-06L #179H

9. API WELL NO.
30-039-31190

10. FIELD AND POOL, OR WILDCAT
LYBROOK GALLUP

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SEC 6 23N 6W

14. PERMIT NO. DATE ISSUED

12. COUNTY OR
RIO ARriba 13. STATE
New Mexico

15. DATE
SPUDDED
10/15/13

16. DATE T.D.
REACHED
12/22/13

17. DATE COMPLETED (READY TO PRODUCE)
3/6/14

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6933' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
10679' MD 5495' TVD

21. PLUG, BACK T.D., MD & TVD
10590' MD 5495' 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: 6199'-10576' 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"	40#, P-110	417' MD	12-1/4"	245sx - surface	
7"	23#, K-55	6181' MD	8-3/4"	750 sx- surface	

RCVD MAR 13 '14

OIL CONS. DIV.
DIST. 3

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	6034'	10667'	260 SX- JLJ		2-3/8", 4.7#, J-55 EUE 8rd	5943'	

31. PERFORATION RECORD (Interval, size, and number)
LYBROOK GALLUP: 6199'-10576' MD

Mancos 15th - 24, 0.40" holes

Mancos 14th - 24, 0.40" holes

Mancos 13th - 24, 0.40" holes

Mancos 12th - 24, 0.40" holes

Mancos 11th - 18, 0.40" holes

Mancos 10th - 24, 0.40" holes

Mancos 9th - 24, 0.40" holes

Mancos 8th - 24, 0.40" holes

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

DEPTH
INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

6199'-6404' 240,574#, 20/40 PSA Sand

6462'-6685' 232,454#, 20/40 PSA Sand

6766'-7012' 243,417#, 20/40 PSA Sand

7093'-7338' 245,400#, 20/40 PSA Sand

7411'-7634' 243,900#, 20/40 PSA Sand

7711'-7958' 190,492#, 20/40 PSA Sand

8033'-8278' 194,421#, 20/40 PSA Sand

8352'-8568' 189,341#, 20/40 PSA Sand

ACCEPTED FOR RECORD

MAR 10 2014

FARMINGTON FIELD OFFICE
BY: 5

NMOCDA

Mancos 7th – 24, 0.40" holes

Mancos 6th – 24, 0.40" holes

Mancos 5th – 24, 0.40" holes

Mancos 4th – 24, 0.40" holes

Mancos 3rd – 24, 0.40" holes

Mancos 2nd – 24, 0.40" holes

Mancos 1st – 18, 0.40" holes RSI TOOL @ 10576'

8647'-8868'	201,494# , 20/40 PSA Sand
8935'-9139'	183,854# , 20/40 PSA Sand
9211'-9425'	199,386# , 20/40 PSA Sand
9485'-9703'	199,120# , 20/40 PSA Sand
9791'-10010'	217,061# , 20/40 PSA Sand
10070'-10297'	207,396 # 20/40 PSA Sand
10356'-10576'	207,277 # 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)	
3/6/14		PR Flowing				POW PR	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL.	GAS-OIL RATIO
3/4/14 3/7/14	24 HRS	48/64"		341	2828		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)
880 psi 550	1500			341	2828		

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

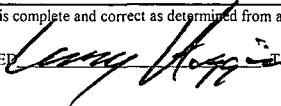
TEST WITNESSED BY:

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 3/7/14

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	1469	1449					
Kirtland	1797	1764					
Picture Cliffs	2093	2050					
Lewis	2204	2157					
Chacra	2538	2479					
Cliff House	3673	3575					
Menefee	3705	3606					
Point Lookout	4443	4316					
Mancos	4668	4532					
Gallup	5086	4935					

CHACO 2306-06L #179H LYBROOK GALLUP Horizontal

(page 1)

Spud: 12/4/13

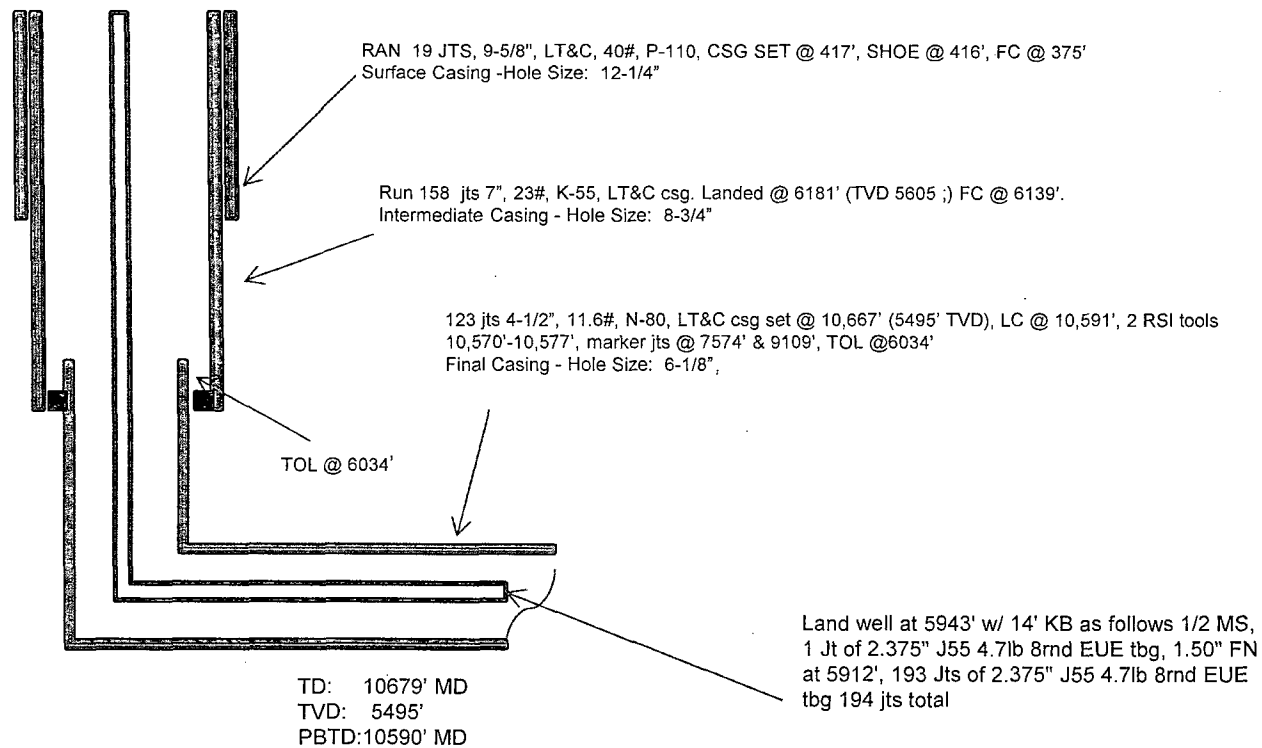
Completed: 3/5/14

SHL: 1680' FSL & 591' FWL
NW/4 SW/4 Section 16 (L), T23N, R6W

BHL: 369' FSL & 229' FWL
SW/4 SW/4 Section 1 (M), T23N, R 7W

Rio Arriba., NM
Elevation: 6933
API: 30-039-31190

Tops	MD	TVD
Ojo Alamo	1469'	1449'
Kirtland	1797'	1764'
Pictured Cliffs	2093'	2050'
Lewis	2204'	2157'
Chacra	2538'	2479'
Cliff House	3673'	3575'
Menefee	3705'	3606'
Point Lookout	4443'	4316'
Mancos	4668'	4532'
Gallup	5086'	4935'



HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 sx	222 cu.ft.	Surface
8-3/4"	7"	750 sx	935 cu. ft.	Surface
6-1/8"	4-1/2"	260 sx	509 cu. ft.	

CONFIDENTIAL

Lg 3/6/14

CHACO 2306-06L #179H LYBROOK GALLUP Horizontal

(page 2 – lateral with completion)

Gallup 15th:
6199'-6404'-
with 24, 0.40" holes.
Frac Gallup 15th
stage with 240,574# ,
20/40 PSA Sand

Gallup 11th:
7411'-7634',
with 24, 0.40" holes..
Frac Gallup 11th stage
with 243,900# , 20/40
PSA Sand

Gallup 13th:
6766'-7012'-
with 24, 0.40"
holes. Frac Gallup
13th stage with
243,417# , 20/40
PSA Sand

Gallup 14th:
6462'-6685'
with 24, 0.40"
holes. Frac Gallup
14th stage with
232,454# , 20/40
PSA Sand

Gallup 12th:
7093'-7338'-
with 24, 0.40" holes.
Frac Gallup 12th
stage with 245,400#
 , 20/40 PSA Sand

Gallup 10th:
7711'-7958'-
with 24, 0.40"
holes. Frac
Gallup 10th
stage with
190,492# ,
20/40 PSA
Sand

Gallup 9th:
8033'-8278'-
with 24, 0.40"
holes. Frac Gallup
9th stage with
194,421# , 20/40
PSA Sand

Gallup 8th:
8352'-8568'-
with 24, 0.40"
holes. Frac Gallup
8th stage with
189,341# , 20/40
PSA Sand

Gallup 7th:
8647'-8868'-
with 24, 0.40"
holes.
Frac Gallup
7th stage with
201,494# ,
20/40 PSA
Sand

Gallup 6th:
8935'-9139'-
with 24, 0.40"
holes. Frac
Gallup 6th stage
with 183,854# ,
20/40 PSA
Sand

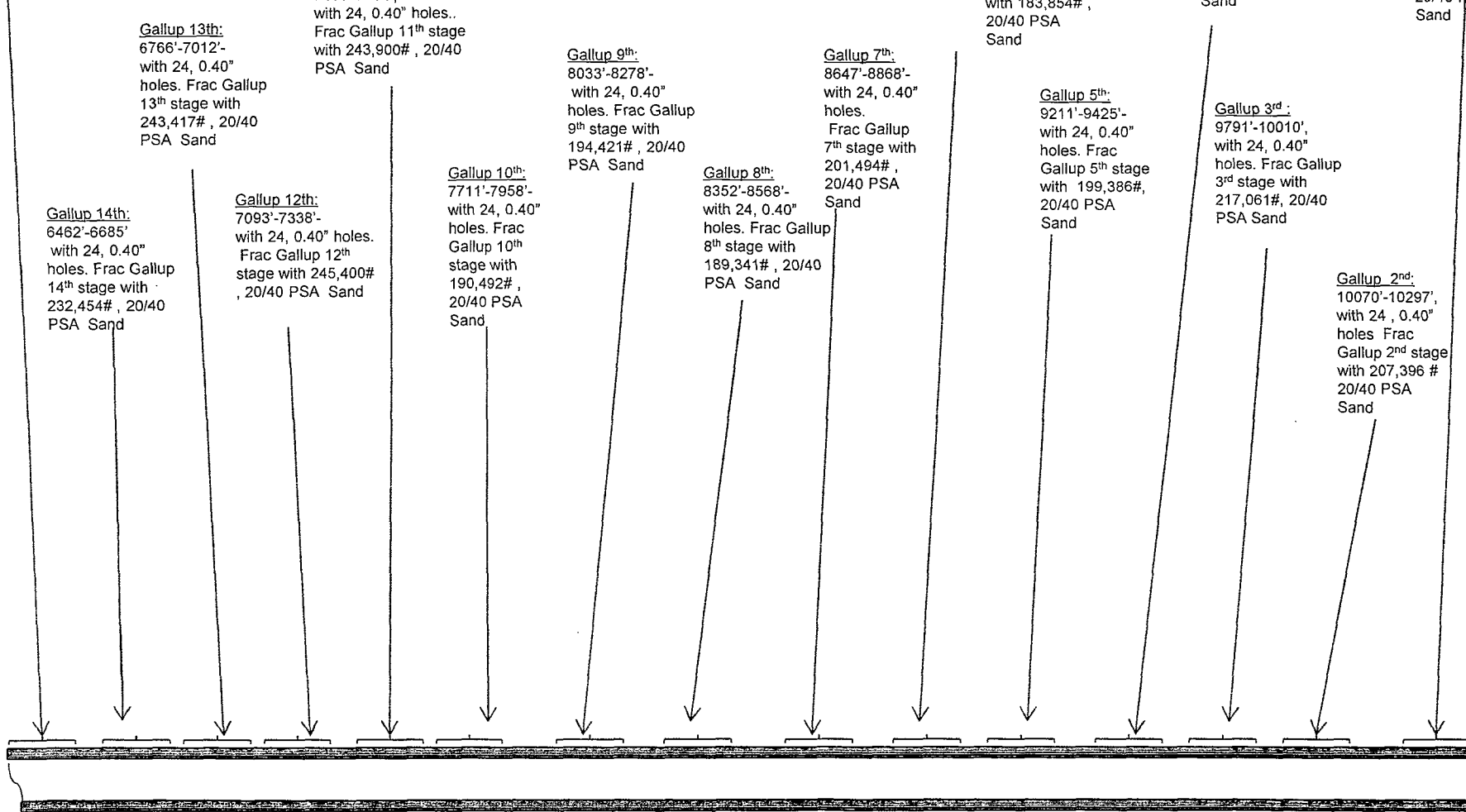
Gallup 5th:
9211'-9425'-
with 24, 0.40"
holes. Frac
Gallup 5th stage
with 199,386# ,
20/40 PSA
Sand

Gallup 4th:
9485'-9703'-
with 24, 0.40"
holes. Frac
Gallup 4th stage
with 199,120# ,
20/40 PSA
Sand

Gallup 3rd:
9791'-10010',
with 24, 0.40"
holes. Frac Gallup
3rd stage with
217,061# , 20/40
PSA Sand

Gallup 2nd:
10070'-10297',
with 24 , 0.40"
holes Frac
Gallup 2nd stage
with 207,396 #
20/40 PSA
Sand

Gallup 1st:
10356'-10499' +
RSI TOOL @
10576' MD with
18, 0.40" holes
with 207,277 #
20/40 PSA
Sand



See page 1 for upper portion of hole