

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

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: 1494' FSL & 60' FWL SEC 13 23N 7W
BHL: 382' FSL & 255' FWL SEC 14 23N 7W

5. LEASE DESIGNATION AND LEASE NO.
NMSF- 078360

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

Report To lease

8. FARM OR LEASE NAME, WELL NO.
CHACO 2307-13L #175H

9. API WELL NO.

30-039-31192-00S1

10. FIELD AND POOL, OR WILDCAT
LYBROOK GALLUP

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SEC 13 23N 7W

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
RIO ARriba

13. STATE
New Mexico

15. DATE
SPUDDED
8/30/13

16. DATE T.D.
REACHED
9/14/13

17. DATE COMPLETED (READY TO PRODUCE)
10/25/13

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
7046' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
10603' MD 5481' TVD

21. PLUG, BACK T.D., MD & TVD
10518' MD 5481' 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: 6066'-10499' 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#, L-80	430' MD	12-1/4"	230sx - surface	
7"	23#, K-55	6043' MD	8-3/4"	700 sx- surface	
4-1/2"	11.6#, N-80	10595' MD	6-1/8"	380 sx-	

RCVD NOV 19 '13

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"	5933'				2-3/8", 4.7#, J-55 EUE 8rd	5849'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size, and number)
LYBROOK GALLUP: 6066'-10499' MD

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6066'-6276'	255,200#, 20/40 PSA Sand
6350'-6570'	262,000#, 20/40 PSA Sand
6658'-6868'	265,500#, 20/40 PSA Sand
6942'-7182'	262,000#, 20/40 PSA Sand
7493'-7507' 7244'-7392'	not stimulated 261,500#, 20/40 PSA Sand
7550'-7750'	214,400#, 20/40 PSA Sand
7828'-8078'	214,000#, 20/40 PSA Sand
8146'-8365'	214,000#, 20/40 PSA Sand

CONFIDENTIAL

ACCEPTED FOR RECORD

NOV 15 2013

WILLIAM TAMBOR

William Tambor

NMOC

W

✓ 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

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 – 24, 0.40" holes

8434'-8649'	213,500# , 20/40 PSA Sand
8732'-8965'	215,000# , 20/40 PSA Sand
9050'-9273'	214,900# , 20/40 PSA Sand
9345'-9563'	215,300# , 20/40 PSA Sand
9648'-9850'	218,300# , 20/40 PSA Sand
9941'-10172'	216,00 # 20/40 PSA Sand
10247'-10499'	197,800 # 20/40 PSA Sand

33. PRODUCTION

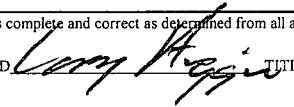
DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (<i>PRODUCING OR SI</i>)	
10/25/13		PR				PR	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL.	GAS-OIL RATIO
11/3/13	24 HRS	2"		450		6	
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)
0	0						

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 Permitting Suprv DATE 11-13-13

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	1370	1362					
Kirtland	1699	1672					
Picture Cliffs	2029	1985					
Lewis	2126	2076					
Chacra	2459	2390					
Cliff House	3597	3465					
Menefee	3622	3489					
Point Lookout	4447	4275					
Mancos	4610	4434					
Gallup	5019	4841					
CONFIDENTIAL							

RCVD NOV 19 13
OIL CONS. DIV.
DIST. 3

CHACO 2307-13L #175H
LYBROOK GALLUP Horizontal
(page 1)

Spud: 8/30/13

Completed: 11/5/13

* AMENDED: 11/13/13

CONFIDENTIAL

Surface Location: 1494' FSL & 60' FWL
NW/4 SW/4 Section 13 (L), T23N, R7W

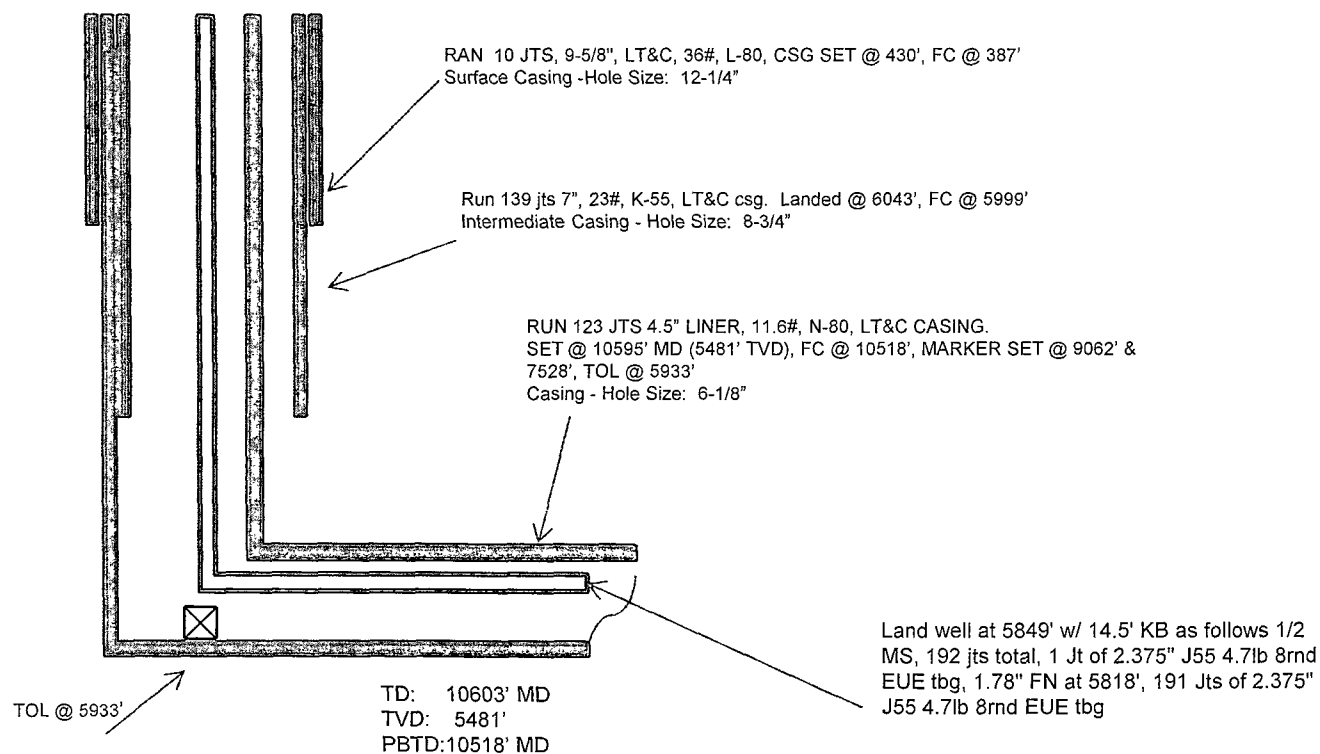
BHL: 382' FSL & 255' FWL
SW/4 SW/4 Section 14 (M), T23N, R 7W

Rio Arriba., NM

Elevation: 7046' GR

API: 30-039-31192

Tops	MD	TVD
Ojo Alamo	1370'	1362'
Kirtland	1699'	1672'
Pictured Cliffs	2029'	1985'
Lewis	2126'	2076'
Chacra	2459'	2390'
Cliff House	3597'	3465'
Menefee	3622'	3489'
Point Lookout	4447'	4275'
Mancos	4610'	4434'
Gallup	5019'	4841



HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	230 sx	280 cu.ft.	Surface
8-3/4"	7"	700 sx	961cu. ft.	Surface
6-1/8"	4-1/2"	380 sx	409 cu. ft.	

Lg 11/13/13

Gallup 15th:
6066'-6276'-
with 24, 0.40" holes.
Frac Gallup 14th stage
with 255,200# , 20/40
PSA Sand

Gallup 14th:
6350'-6570'-
with 24, 0.40"
holes. Frac Gallup
14th stage with
262,000# , 20/40
PSA Sand

Gallup 13th:
6658'-6868'-
with 24, 0.40"
holes. Frac Gallup
13th stage with
265,500# , 20/40
PSA Sand

Gallup 12th:
6942'-7182'-
with 24, 0.40"
holes. Frac Gallup
12th stage with
262,000# , 20/40
PSA Sand

Gallup 11th:
7493'-7507' not fraced
7244'-7392' -
with 18, 0.40" holes.
Frac Gallup 11th stage
with 261,500# , 20/40
PSA Sand

Gallup 10th:
7550'-7750'-
with 24, 0.40"
holes
Frac Gallup
10th stage with
214,400# ,
20/40 PSA
Sand

Gallup 9th:
7828'-8078'-
with 24, 0.40"
holes. Frac Gallup
9th stage with
214,000# , 20/40
PSA Sand

Gallup 8th:
8146'-8365'-
with 24, 0.40"
holes. Frac Gallup
8th stage with
214,000# , 20/40
PSA Sand

Gallup 7th:
8434'-8649'-
with 24, 0.40"
holes. Frac
Gallup 7th
stage with
213,500# ,
20/40 PSA
Sand

Gallup 6th:
8724'-8965'
with 24, 0.40"
holes. Frac
Gallup 6th stage
with 215,000# ,
20/40 PSA
Sand

Gallup 5th:
9050'-9273'-
with 24, 0.40"
holes. Frac
Gallup 5th stage
with 214,900# ,
20/40 PSA
Sand

Gallup 4th:
9345'-9563'-
with 24, 0.40"
holes. Frac
Gallup 4th stage
with 215,300# ,
20/40 PSA
Sand

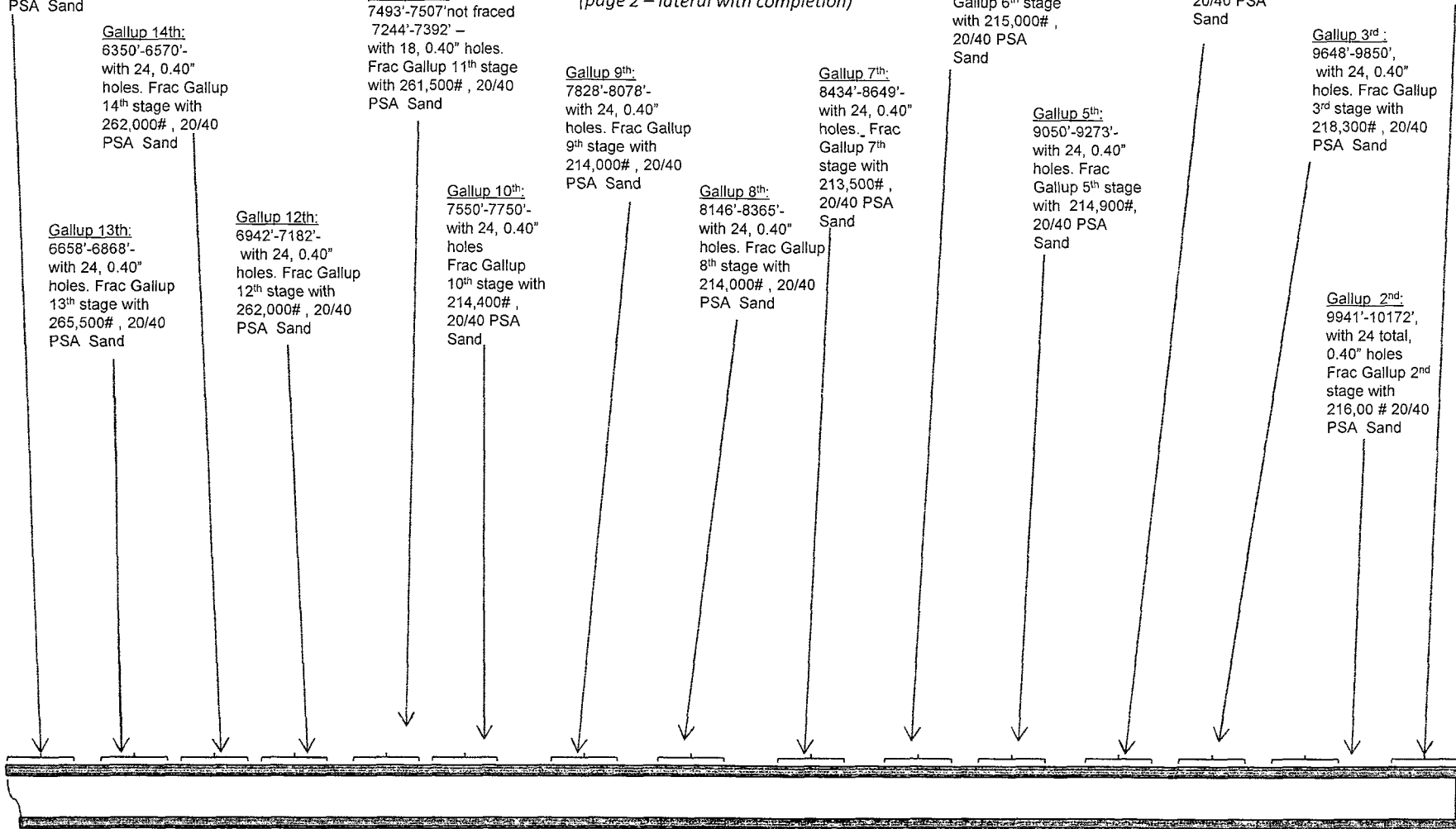
Gallup 3rd:
9648'-9850',
with 24, 0.40"
holes. Frac Gallup
3rd stage with
218,300# , 20/40
PSA Sand

Gallup 2nd:
9941'-10172',
with 24 total,
0.40" holes
Frac Gallup 2nd
stage with
216,00 # 20/40
PSA Sand

Gallup 1st:
10247'-10499'
with 197,800 #
20/40 PSA
Sand

CHACO 2307-13L #175H LYBROOK GALLUP Horizontal

(page 2 – lateral with completion)



See page 1 for upper portion of hole

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- 078360
6. IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

7. UNIT AGREEMENT NAME

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

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

NOV 07 2013

Report To Lease

2. NAME OF OPERATOR

WPX Energy Production, LLC.

8. FARM OR LEASE NAME, WELL NO.

CHACO 2307-13L #175H

3. ADDRESS AND TELEPHONE NO.

P.O. Box 640, Aztec, NM 87410 (505) 333-1808

9. API WELL NO.

30-039-31192 - 0051

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

SHL: 1494' FSL & 60' FWL SEC 13 23N 7W
BHL: 382' FSL & 255' FWL SEC 14 23N 7W

10. FIELD AND POOL, OR WILDCAT
LYBROOK GALLUP

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SEC 13 23N 7W

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
RIO ARRIBA

13. STATE
New Mexico

15. DATE
SPUDDED
8/30/13

16. DATE T.D.
REACHED
9/14/13

17. DATE COMPLETED (READY TO PRODUCE)
10/25/13

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
7046' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
10603' MD 5481' TVD

21. PLUG, BACK T.D., MD & TVD
10518' MD 5481' 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: 6350'-10499' 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#, L-80	430' MD	12-1/4"	230sx - surface	
7"	23#, K-55	6043' MD	8-3/4"	700 sx - surface	
4-1/2"	11.6#, N-80	10595' MD	6-1/8"	380 sx -	

RCVD NOV 13 13
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"	5933'				2-3/8", 4.7#, J-55 EUE 8rd	5849'	

30. TUBING RECORD

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

LYBROOK GALLUP: 6350'-10499' MD

Mancos 15th - 24, 0.40" holes ; 6066'-6276', 255,100 #, 20/40 PSA Sand

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

6350'-6570' 262,000#, 20/40 PSA Sand

6658'-6868' 265,500#, 20/40 PSA Sand

6942'-7182' 262,000#, 20/40 PSA Sand

7493'-7507'
7244'-7392' not stimulated
261,500#, 20/40 PSA Sand

7550'-7750' 214,400#, 20/40 PSA Sand

7828'-8078' 214,000#, 20/40 PSA Sand

8146'-8365' 214,000#, 20/40 PSA Sand

ACCEPTED FOR RECORD

NOV 08 2013

FARMINGTON FIELD OFFICE
BY William Tambekau

NMOCDAV

CONFIDENTIAL

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 – 24, 0.40" holes

8434'-8649'	213,500# , 20/40 PSA Sand
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9050'-9273'	214,900# , 20/40 PSA Sand
9345'-9563'	215,300# , 20/40 PSA Sand
9648'-9850'	218,300# , 20/40 PSA Sand
9941'-10172'	216,00 # 20/40 PSA Sand
10247'-10499'	197,800 # 20/40 PSA Sand

33. PRODUCTION

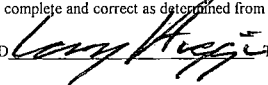
DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
10/25/13		PR				PR	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL.	GAS-OIL RATIO
11/3/13	24 HRS	2"		450		6	
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)
0	0						

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 Permitting Suprv DATE 11-6-13

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	1370	1362					
Kirtland	1699	1672					
Picture Cliffs	2029	1985					
Lewis	2126	2076					
Chacra	2459	2390					
Cliff House	3597	3465					
Menefee	3622	3489					
Point Lookout	4447	4275					
Mancos	4610	4434					
Gallup	5019	4841					

CHACO 2307-13L #175H

LYBROOK GALLUP Horizontal

(page 1)

Spud: 8/30/13

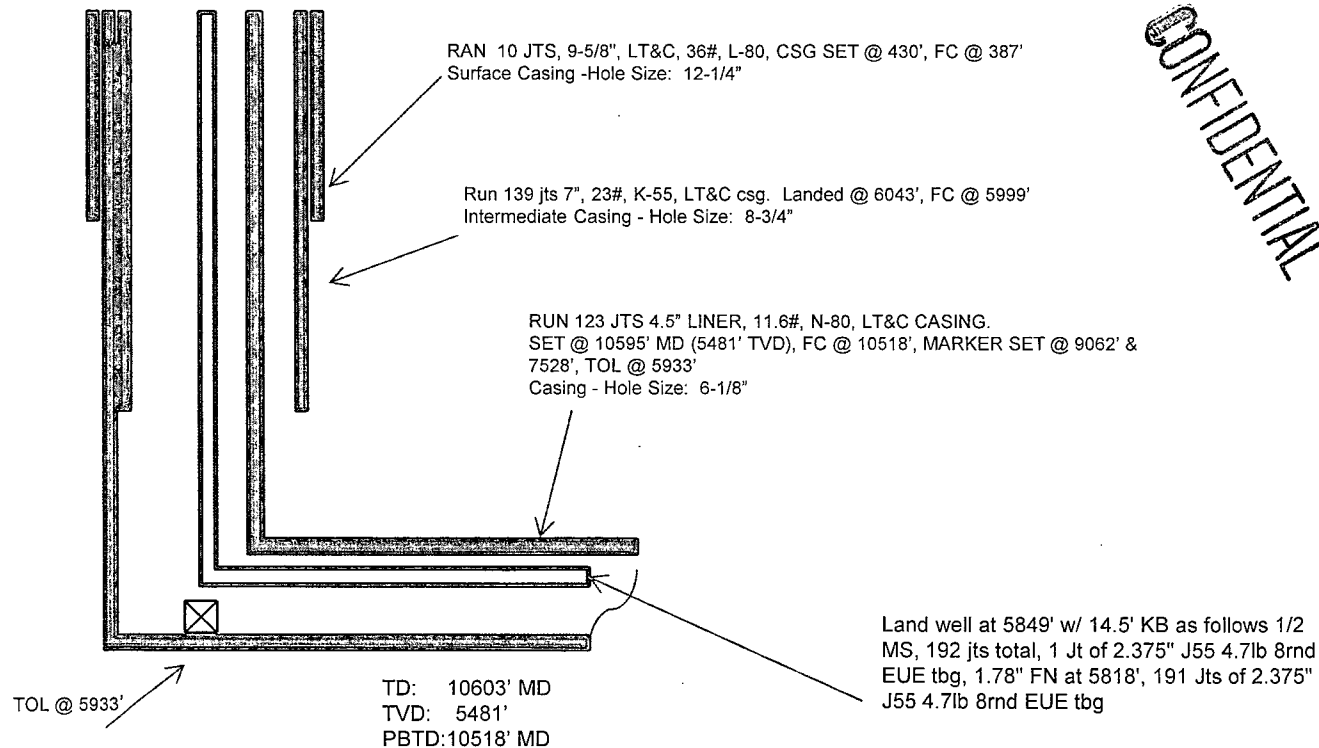
Completed: 11/5/13

Surface Location: 1494' FSL & 60' FWL
NW/4 SW/4 Section 13 (L), T23N, R7W

BHL: 382' FSL & 255' FWL
SW/4 SW/4 Section 14 (M), T23N, R 7W

Rio Arriba., NM
Elevation: 7046' GR
API: 30-039-31192

<i>Tops</i>	<i>MD</i>	<i>TVD</i>
Ojo Alamo	1370'	1362'
Kirtland	1699'	1672'
Pictured Cliffs	2029'	1985'
Lewis	2126'	2076'
Chacra	2459'	2390'
Cliff House	3597'	3465'
Menefee	3622'	3489'
Point Lookout	4447'	4275'
Mancos	4610'	4434'
Gallup	5019'	4841'



HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	230 sx	280 cu.ft.	Surface
8-3/4"	7"	700 sx	961 cu.ft.	Surface
6-1/8"	4-1/2"	380 sx	409 cu.ft.	

Lg 11/6/13

CONFIDENTIAL

RCVD NOV 13:13
OIL CONS. DIV.
DIST. 3

Gallup 14th:
6350'-6570'-
with 24, 0.40"
holes. Frac Gallup
14th stage with
262,000# , 20/40
PSA Sand

Gallup 13th:
6658'-6868'-
with 24, 0.40"
holes. Frac Gallup
13th stage with
265,500# , 20/40
PSA Sand

Gallup 12th:
6942'-7182'-
with 24, 0.40"
holes. Frac Gallup
12th stage with
262,000# , 20/40
PSA Sand

Gallup 11th:
7493'-7507' not fraced
7244'-7392' -
with 18, 0.40" holes.
Frac Gallup 11th stage
with 261,500# , 20/40
PSA Sand

Gallup 10th:
7550'-7750'-
with 24, 0.40"
holes
Frac Gallup
10th stage with
214,400# ,
20/40 PSA
Sand

Gallup 9th:
7828'-8078'-
with 24, 0.40"
holes. Frac Gallup
9th stage with
214,000# , 20/40
PSA Sand

Gallup 8th:
8146'-8365'-
with 24, 0.40"
holes. Frac Gallup
8th stage with
214,000# , 20/40
PSA Sand

Gallup 7th:
8434'-8649'-
with 24, 0.40"
holes. Frac
Gallup 7th
stage with
213,500# ,
20/40 PSA
Sand

Gallup 6th:
8724'-8965'-
with 24, 0.40"
holes. Frac
Gallup 6th stage
with 215,000# ,
20/40 PSA
Sand

Gallup 5th:
9050'-9273'-
with 24, 0.40"
holes. Frac
Gallup 5th stage
with 214,900# ,
20/40 PSA
Sand

Gallup 4th:
9345'-9563'-
with 24, 0.40"
holes. Frac
Gallup 4th stage
with 215,300# ,
20/40 PSA
Sand

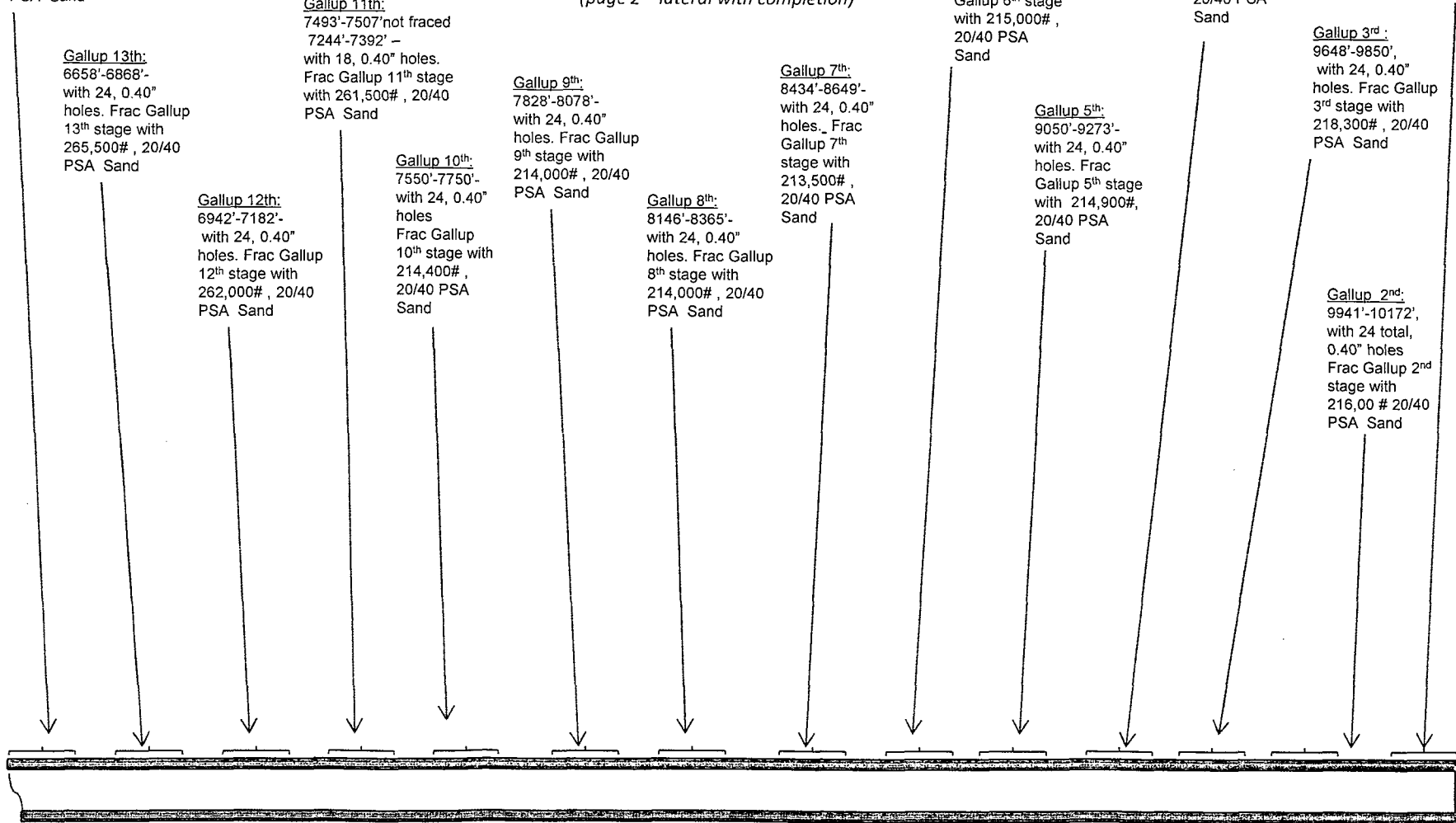
Gallup 3rd:
9648'-9850',
with 24, 0.40"
holes. Frac Gallup
3rd stage with
218,300# , 20/40
PSA Sand

Gallup 2nd:
9941'-10172',
with 24 total,
0.40" holes
Frac Gallup 2nd
stage with
216,00 # 20/40
PSA Sand

Gallup 1st:
10247'-10499'
with 197,800 #
20/40 PSA
Sand

CHACO 2307-13L #175H LYBROOK GALLUP Horizontal

(page 2 – lateral with completion)



See page 1 for upper portion of hole