

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: <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME OIL CONS. DIV. DIST. 3	
b. TYPE OF COMPLETION: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> OTHER		8. FARM OR LEASE NAME, WELL NO. CHACO 2306-06L #178H	
2. NAME OF OPERATOR WPX Energy Production, LLC.		9. API WELL NO. 30-039-31200	
3. ADDRESS AND TELEPHONE NO. P.O. Box 640, Aztec, NM 87410 (505) 333-1808		10. FIELD AND POOL, OR WILDCAT LYBROOK GALLUP	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* SHL: 1691' FSL & 572' FWL SEC 6 23N 6W BHL: 1496' FSL & 250' FWL SEC 1 23N 7W		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 12/4/13	16. DATE T.D. REACHED 1/10/14	17. DATE COMPLETED (READY TO PRODUCE) 3/9/14	18. ELEVATIONS (DK, RKB, RT, GR, ETC.)* 6933' GR
19. ELEVATION CASINGHEAD		20. TOTAL DEPTH, MD & TVD 10545' MD 5503' TVD	21. PLUG, BACK T.D., MD & TVD 10464' MD 5503' TVD
22. IF MULTICOMP., HOW MANY		23. INTERVALS DRILLED BY	ROTARY TOOLS x
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* LYBROOK GALLUP: 6063'-10459' 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	406' MD	12-1/4"	245sx - surface		
7"	23#, J-55	6040' MD	8-3/4"	775 sx- surface		
29. LINER RECORD						
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
4-1/2"	5879'	10544' MD	360 sx-		2-3/8", 4.7#, J-55 EUE 8rd	5764'
30. TUBING RECORD						
SIZE	DEPTH SET (MD)	PACKER SET (MD)				

31. PERFORATION RECORD (Interval, size, and number) LYBROOK GALLUP: 6063'-10459' MD		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
Mancos 15 th - 24, 0.40" holes	6063'-6274'	241,000#, 20/40 PSA Sand	
Mancos 14 th - 24, 0.40" holes	6348'-6570'	243,638#, 20/40 PSA Sand	
Mancos 13 th - 24, 0.40" holes	6654'-6879'	243,638#, 20/40 PSA Sand	
Mancos 12 th - 24, 0.40" holes	6946'-7187'	243,566#, 20/40 PSA Sand	
Mancos 11 th - 24, 0.40" holes	7264'-7462'	243,566#, 20/40 PSA Sand	
Mancos 10 th - 24, 0.40" holes	7539'-7775'	198,894#, 20/40 PSA Sand	
Mancos 9 th - 24, 0.40" holes	7860'-8075'	201,042#, 20/40 PSA Sand	
Mancos 8 th - 24, 0.40" holes	8144'-8365'	200,892#, 20/40 PSA Sand	

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ACCEPTED FOR RECORD

MAR 11 2014

FARMINGTON FIELD OFFICE
BY: _____

NMOCD *AV*

<u>Mancos 7th</u> - 24, 0.40" holes	8442'-8651'	204,810# , 20/40 PSA Sand
<u>Mancos 6th</u> - 24, 0.40" holes	8720'-8948'	200,951# , 20/40 PSA Sand
<u>Mancos 5th</u> - 24, 0.40" holes	9014'-9237'	205,319# , 20/40 PSA Sand
<u>Mancos 4th</u> - 24, 0.40" holes	9309'-9531'	2,300 # , 20/40 PSA Sand
<u>Mancos 3rd</u> - 24, 0.40" holes	9604'-9818'	205,126 # , 20/40 PSA Sand
<u>Mancos 2nd</u> - 24, 0.40" holes	9892'-10131'	209,844 # 20/40 PSA Sand
<u>Mancos 1st</u> - 18, 0.40" holes	10215'-10459'	207,119 # 20/40 PSA Sand

33. PRODUCTION

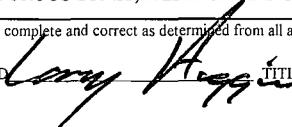
DATE OF FIRST PRODUCTION 3/9/14		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) PR	
DATE OF TEST 3/9/14	TESTED 24 HRS	CHOKE SIZE 48/64"	PROD'N FOR TEST PERIOD	OIL - BBL. 496	GAS - MCF 2045	WATER - BBL. 464	GAS-OIL RATIO
FLOW TBG PRESS 550 psi	CASING PRESSURE 1500 psi	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 Larry Higgins SIGNED  TITLE Regulatory Spec Sr. DATE 3/10/14

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	1457	1451					
Kirtland	1772	1764					
Picture Cliffs	2054	2044					
Lewis	2166	2156					
Chacra	2497	2485					
Cliff House	3590	3572					
Menefee	3629	3612					
Point Lookout	4334	4317					
Mancos	4559	4542					
Gallup	4964	4946					

CHACO 2306-06L #178H
LYBROOK GALLUP Horizontal
 (page 1)

Spud: 12/4/13
 Completed: 3/2/14

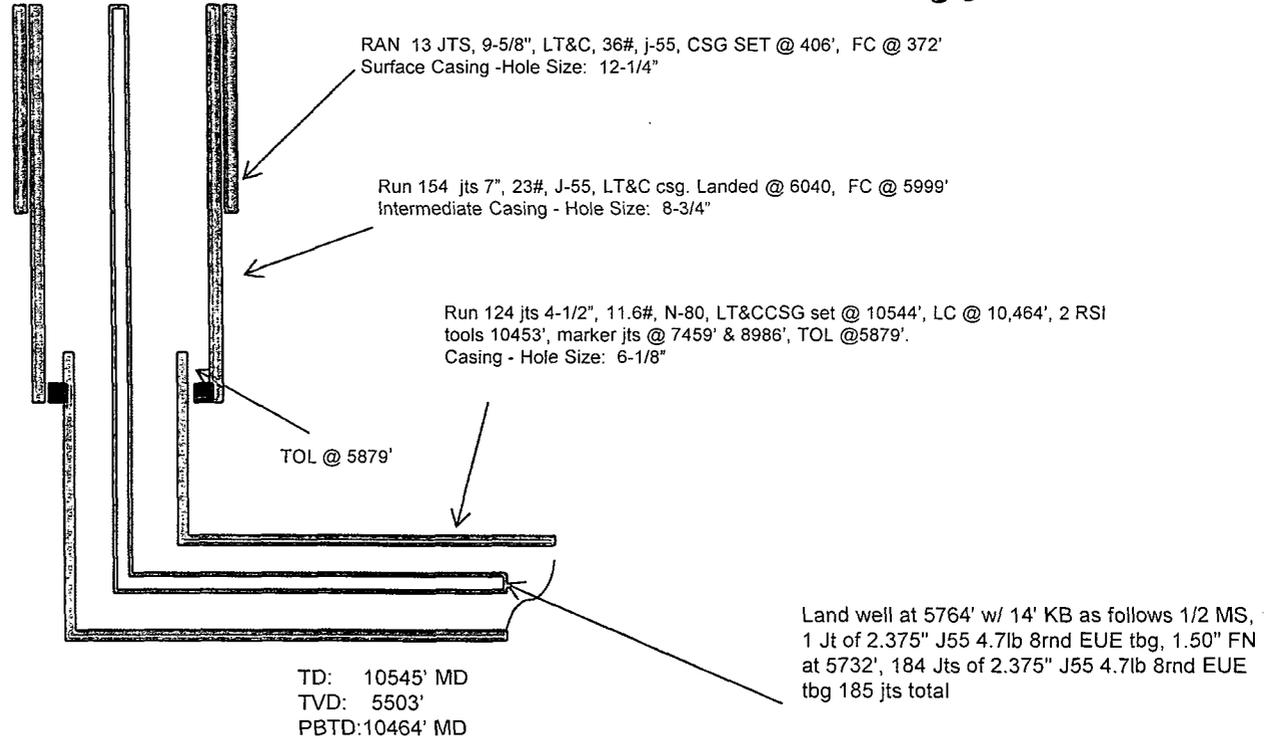
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SHL: 1691' FSL & 572' FWL
 NW/4 SW/4 Section 16 (L), T23N, R6W

BHL: 1496' FSL & 250' FWL
 SW/4 SW/4 Section 1 (L), T23N, R 7W

Rio Arriba., NM
 Elevation: 6933
 API: 30-039-31200

<i>Tops</i>	<i>MD</i>	<i>TVD</i>
Ojo Alamo	1457'	1451'
Kirtland	1772'	1764'
Pictured Cliffs	2054'	2044'
Lewis	2166'	2156'
Chacra	2497'	2485'
Cliff House	3590'	3572'
Menefee	3629'	3612'
Point Lookout	4334'	4317'
Mancos	4559'	4542'
Gallup	4964'	4946'



HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 sx	222 cu.ft.	Surface
8-3/4"	7"	775 sx	1086 cu.ft.	Surface
6-1/8"	4-1/2"	360 sx	517 cu.ft.	5879' TOL

CHACO 2306-06L #178H LYBROOK GALLUP Horizontal

(page 2 – lateral with completion)

Gallup 15th:
6063'-6274'-
with 24, 0.40" holes.
Frac Gallup 14th stage
with 241,000# , 20/40
PSA Sand

Gallup 11th:
7264'-7462'-
with 24, 0.40" holes.
Frac Gallup 11th stage
with 243,566# , 20/40
PSA Sand

Gallup 13th:
6654'-6879'-
with 24, 0.40"
holes. Frac Gallup
13th stage with
243,638# , 20/40
PSA Sand

Gallup 9th:
7860'-8075'-
with 24, 0.40"
holes. Frac Gallup
9th stage with
201,042# , 20/40
PSA Sand

Gallup 7th:
8442'-8651'-
with 24, 0.40"
holes. Frac
Gallup 7th
stage with
204,810# ,
20/40 PSA
Sand

Gallup 6th:
8720'-8948',
with 24, 0.40"
holes. Frac
Gallup 6th stage
with 200,951# ,
20/40 PSA
Sand

Gallup 4th:
9309'-9531'-
with 24, 0.40"
holes. Frac
Gallup 4th stage
with 2,300 # ,
20/40 PSA
Sand

Gallup 1st:
10215'-10377' +
RSI TOOL @
10459' MD with
18, 0.42" holes
with 207,119 #
20/40 PSA
Sand

Gallup 14th:
6348'-6570'-
with 24, 0.40"
holes. Frac Gallup
14th stage with
243,638# , 20/40
PSA Sand

Gallup 12th:
6946'-7187'-
with 24, 0.40" holes.
Frac Gallup 12th
stage with 243,566#
, 20/40 PSA Sand

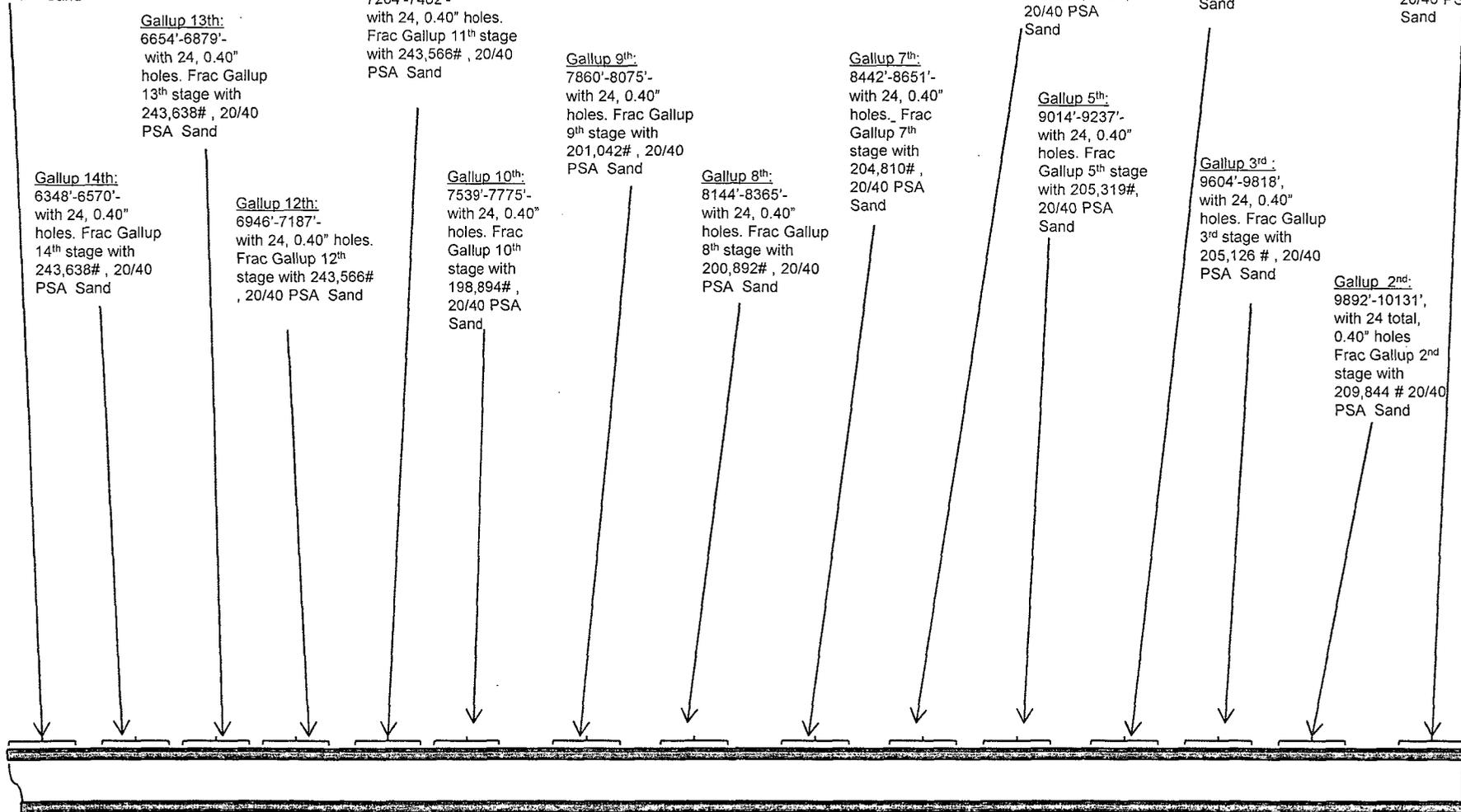
Gallup 10th:
7539'-7775'-
with 24, 0.40"
holes. Frac
Gallup 10th
stage with
198,894# ,
20/40 PSA
Sand

Gallup 8th:
8144'-8365'-
with 24, 0.40"
holes. Frac Gallup
8th stage with
200,892# , 20/40
PSA Sand

Gallup 5th:
9014'-9237'-
with 24, 0.40"
holes. Frac
Gallup 5th stage
with 205,319#,
20/40 PSA
Sand

Gallup 3rd :
9604'-9818',
with 24, 0.40"
holes. Frac Gallup
3rd stage with
205,126 # , 20/40
PSA Sand

Gallup 2nd:
9892'-10131',
with 24 total,
0.40" holes
Frac Gallup 2nd
stage with
209,844 # 20/40
PSA Sand



See page 1 for upper portion of hole