

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137

Expires December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NM-04209

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

18. INDIAN-ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

10 2011

18. FARM-OR-LEASE NAME, WELL NO

Farmington Hancock 4A

19. FARM-OR-LEASE NAME, WELL NO

30-045-26384

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 23, T28N, R9W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUNDED

7/12/85

16. DATE T.D. REACHED

7/18/85

17. DATE COMPL. (Ready to prod.)

11/11/11

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)

6164'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5159'

21. PLUG, BACK T.D., MD & TVD

5149'

22. IF MULTIPLE COMPL., HOW MANY*

3

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

Basin Fruitland Coal 2256' - 2452'

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL

27. WAS WELL CORED

No

28. CASING RECORD (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", H-40	32.3#	299'	12 1/4"	Surface, 130sx (153cf)	
7", K-55	20#	2819'	8 3/4"	TOC @ 1000', 260sx (427cf)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	2668'	5159'	325sx		2 3/8", 4.7#, J-55	5058'	
10.5#, K-55			436cf				

31. PERFORATION RECORD (Interval, size and number)

Upper Basin Fruitland Coal w/ .40" diam.
3SPF @ 2379' - 2397' = 36 holes
2SPF @ 2292' - 2358' = 38 holes
3SPF @ 2256' - 2258' = 6 holes

Lower Basin Fruitland Coal w/ .40" diam.
2SPF @ 2440' - 2452' = 24 holes

Fruitland Coal Total Holes = 104

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

2256' - 2397'	Acidized w/ 500gals 10% Formic Acid. Pump 4000gals 25# X-Link Pre-Pad, w/ 29,988gals 25# Linear 75% N2 foam w/ 112,457# 20/40 Arizona Sand. N2:1,337,300SCF.
2440' - 2452'	Acidized w/ 500gals 10% Formic Acid. Pump 2,304gals 25# X-Link Pre-Pad, w/ 16,338gals 25# Linear 75% N2 foam w/ 25,343# 20/40 Arizona Sand. N2:542,500SCF.

33. PRODUCTION

N/A		FLOWING				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
11/9/11	1 hr.	1/2"	→	0	8 mcf/h	1 bwp/h	
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR)	
SI - 205psi	SI -205psi	→	0	194 mcf/d	24 bwpd		

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

To be sold

35. LIST OF ATTACHMENTS

This is now a FC/CH/MV well being commingled per DHC-4336 approved 12/13/10.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED William J. Busse TITLE

Staff Regulatory Technician

DATE

11/16/11

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

FARMINGTON FIELD OFFICE

NOV 21 2011

RCVD NOV 22 11

API # 30-045-26384		Hancock 4A (Recomplete)			
Ojo Alamo	1420'	2234'	White, cr-gr ss.	Ojo Alamo	1420'
Fruitland	2234'	2440'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2234'
Pictured Cliffs	2440'	2620'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2440'
Lewis	2620'	4145'	Shale w/siltstone stringers	Lewis	2620'
Cliffhouse	4145'	4172'	Light-gry, med-fine gr ss, carb sh & coal	Mesa Verde	4145'
Menefee	4172'	4730'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4172'
Point Lookout	4730'	5149'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5149'

corrected TOPS on next page.

INTEROFFICE MEMO

TO: Records & Regulatory
FROM: Sharon Nez

DATE: 12/1/2011
LOCATION: Farmington, N.M.

Final Geologic Summary

Well Name & No Hancock 4A API 3004526384

Location NW Section 23 Twp. 28N Rge. 09W

County & State: San Juan, New Mexico

Elevation. GL. 6174' KB 6163'

Tops From: X Wireline Log Mudlog Correlation

Ojo Alamo 1409' Chacra Greenhorn

Kirtland 1560' Upper Cliff House Graneros

Fruitland 2172' Massive Cliff House Dakota (Two Wells)

Pictured Cliffs 2465' Menefee Pagate

Lewis 2628' Point Lookout Upper Cubero

Huerfanto Bentonite nde Mancos Lower Cubero

Upper Gallup Oak Canyon

Encinal

Burro Canyon

Morrison

DTD 5159'

LTD 2800'

Electric Logs Run. Gas Spectrum Log CNL Tool Oct 21, 2011

Well Cored? X No Yes

Well DST'd? X No Yes

Geologist Sharon Nez

