

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

7. LEASE DESIGNATION AND SERIAL NO.
USA NM-059848

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

9. UNIT AGREEMENT NAME

10. FARM OR LEASE NAME, WELL NO.

Freeman 11 3

11. API WELL NO.

30-045-28872

12. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Unit H

Sec 11 - T31N - R13W

14. COUNTY OR PARISH

San Juan

15. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

RECEIVED

JUL 9 1993

OIL CON. DIV.
DIST. 3

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

3. NAME OF OPERATOR

Hallwood Petroleum Inc.

4. ADDRESS AND TELEPHONE NO.

P.O. Box 378111, Denver, CO 80237

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

At surface

1780 FNL 865 FEL (NWSENE)

At top prod. interval reported below

Same (vertical well)

At total depth

Same (vertical well)

14. PERMIT NO.

30-045-28872

DATE ISSUED

12-4-92

15. DATE SPUDDED

12-31-92

16. DATE T.D. REACHED

1-2-93

17. DATE COMPL. (Ready to prod.)

6-16-93

18. ELEVATIONS (OF, RKB, RT, OR, ETC.)

5771 KB

5759 GL

19. ELEV. CASINGHEAD

5759 GL

20. TOTAL DEPTH, MD & TVD

2095

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

2080

22. IF MULTIPLE COMPL., HOW MANY

NA

23. INTERVALS DRILLED BY

0-2095

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

1782, 2026, Fruitland Coal

25. TYPE ELECTRIC AND OTHER LOGS RUN

Formation Density, Microlog

26. 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
8 5/8	24 #	378	12 1/4	260 sxs class "B"	0
5 1/2	17 #	2061	7 7/8	250 sxs 65-35	0
				105 sxs class "B"	0

27. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2 7/8	1832	N/A

28. PERFORATION RECORD (Interval, size and number)

1782-88', 1892-1904', & 1918-1922',
4spf, 1/2", 88 holes

1958-2043, 6spf, 7/8", 510 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1782-88, 1892-1904	115,000# 12/20 sd & 998 bbls YP 130 system
1918-1922	
1958-2043	138,000# 12/20 sd, 1395 bbls YF 130 fluid, 15,000# 40/70 sd

30. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6/22/93		Pumping				Pump Testing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6/22/93	24	open	→	0	15	130	--
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	40	→	0	15	130	--	

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

Vented

TEST WITNESSED BY
D. Elworthy

32. LIST OF ATTACHMENTS

Logs

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

SIGNED

Lois M. Bender

TITLE

Sr. Engr. Tech

DATE

6/22/93

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1088	1450	sand, shale			
Kirtland	1450	1980	sand, shale			
Fruitland	1980	2095	sand, shale, coal			
Fruitland Coal	2000	2026	coal			
NOTE: No DST's or Coring Operations						

Hallwood Energy Companies

Well History Record by K.L. O'Connell 6/23/93

operator: Hallwood Petroleum, Inc

WELL: FREEMAN #11-3

LOCATION: UNIT H, SENE section 11 -
T31N - R13W, SAN JUAN Co, NM (1780' FNL
x 865' FEL)

SPUD DATE: 12-31-92

COMPL. DATE: 6-23-93

T.D.: 2095 PBTD: 2080

FIELD: BASIN FRUITLAND COAL

ZONES: BASAL FRUITLAND COAL

PERFS: 1782-1788'
1882-1904' } UPPER COALS
1918-1922'

1958-2043' - MAIN BASAL COAL

STIMULATION: FRACED 1958-2043' WITH
58,590 gal 30# GEL x 15,000# 40/70 SAND
AND 138,000# 12/20 BRADY SAND
FRACED 1782-1922' WITH 42,000 gal 30# GEL
AND 115,000# 12/20 SAND.

CASING DETAIL (FROM BOTTOM-UP):

A) GUIDE SHOE AT 2061'

B) SHORT JOINT OF CASING (2043-2060')

C) 2 JOINTS OF pre-drilled 5 1/2" CS6
WITH 6 HOLES/FT, 510 HOLES TOTAL

D) FLAT COLLAR AT 1958'

E) DAVIS LYNCH ECP (EXTERNAL CASING
PACKER) AT 1946-1958'

F) NEW 5 1/2" 17# J-55 CS6 TO SURFACE

NOTE: 4 BOWSPRING CENTRALIZERS ON BOTTOM
AT 2043, 2000, 1900, 1858'.
6 RIGID TURBULIZERS AT 1088-1450'

Surface

8 5/8" . 24 #

Gr J-55 @ 378'

Cmt.wl 260 Sxs.

TOC @ SURFACE

Hole Size 12 1/4 "

Max Mud Wt. 9# #

CEMENTED SURFACE CASING ON
12/31/92 WITH WESTERN CO.
PUMPED 260 SXS CLASS
"B" CEMENT (306 cubic feet)
WITH 2% CaCL x 1/4#/sx
Cello flake. CIRCULATED
20 BBLs CMT. TO SURFACE.

KIRLAND 1450'

6. RIGID TURBULATOR TYPE
CENTRALIZERS RUN IN
THE INTERVAL 1088-1450'

ECP @ 1946-1958'

Production

5 1/2" . 17 #

Gr J-55 @ 2061'

Cmt.wl 355 Sxs.

TOC @ SURFACE

Hole Size 7 7/8 "

Max Mud Wt. 9.1 #

2000'

COAL

2026'

TD @ 2095'

CEMENTED PRODUCTION CASING ON 1/2/93 WITH WESTERN,
PUMPED 250 SXS 65/35 POZ WITH 6% GEL x 2% CaCL₂
(463 cubic feet) AND TAIL-IN WITH 105 SXS CLASS "B" CMT
WITH 2% CaCL (123 cubic feet). TOTAL OF 355 SXS (586 cubic feet)
CIRC. 10 BBLs CEMENT TO SURFACE