

(October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SUBMIT IN DUPLICATE
APR 10 1995

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NMNM 92142

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Hermana Federal No. 1

9. APIWELLNO.

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 17, T17N, R4W, NMMPM

12. COUNTY OR PARISH

Sandoval

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

2. NAME OF OPERATOR

High Plains Petroleum Corporation

3. ADDRESS AND TELEPHONE NO.

3860 Carlock Drive, Boulder, CO 80303 303-494-4529

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

At surface

2150' FNL & 1800' FEL

At top prod. interval reported below

same as above

At total depth

same as above

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10/21/94

16. DATE T.D. REACHED

10/31/94

17. DATE COMPL. (Ready to prod.)

P&A 3/14/95

18. ELEVATIONS (DF. RKB, RT, GR, ETC.)*

GR 6360'

19. ELEV. CASINGHEAD

6358'

20. TOTAL DEPTH, MD & TVD

4094'

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

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-4094'

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

270-300' Menefee Member of the Mesaverde (Noncommercial low pressure gas)

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL/LDT, CNL/GR, CBL & CET

27. WAS WELL CORED

Yes-SWC

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
13 3/8"J55	40.5#	36'	17 1/2"	surface-70sxClbw/2%CC	None
8 5/8"J55	32#	745'	12 1/4"	" -320sxClBw/ add	None
5 1/2"J55	15.5 & 17#	4080'	7 7/8"	2459' for 240sx.stage & 582' " 360sx. "	495'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					None		

31. PERFORATION RECORD (Interval, size and number)

3852-84', 3816-48', 3746-58', 3466-74', 3432-40', 3066-86', 2655-75', 1998-2016 w/ 2 jpf. 957-63', 940-46', 270-300' & 96-118' w/ 4 jpf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2655-75'	3000 gal. 15% HCl
940-963'	250 gal. 7 1/2% HCl

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
		Flowing					Abandoned	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
3/12/95	5	1/2"	→	None	171	0		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)		
19	19	→		171	0	None		

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

None

TEST WITNESSED BY

J. Somers

35. LIST OF ATTACHMENTS

Logs and deviation surveys

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

SIGNED

John B. Somers II

TITLE Pet.Engineer & Pres.

DATE 3/28/95

*(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.

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Menefee	270	300	Gas	Menefee Pt. Lookout Mancos Gallup Dakota Morrison Toddlto Entrada	surface 651'	surface 651'
U. Mancos	940	946	unknown (no fluid rec.) SWC-945		746'	746'
Gallup	1998	2016	water SWC-2001, 2008, 2011, 2013&2015		1994'	1994'
Dakota	3066	3086	water		2814'	2814'
Morrison	3432	3440	water SWC-3433 & 3438		3350'	3350'
"	3455		SWC		3966'	3966'
"	3466	3474	water SWC-3466 & 3473		3973'	3973'
"	3746	3758	water SWC-3747, 3749, 3751, 3753&3756			
"	3816	3848	water DST Rec. 3600' FW. Op 15"			
"	3852	3884	water SI 60" Op 45" SI 60"			
"	3956	3961	SWC (2) GTS 30" into 2nd flow IHP 1461# IFP 311# FFP 807# ISIP 1400# 2IFP 878# 2 FFP 1387# FSIP 1398# FHP 1452#			
Entrada	3973	TD	SWC - 3976, 3978, 3983, 4048, 4060&4076			

38. GEOLOGIC MARKERS