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FORM 3160-4  
(July 1992)

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

FORM APPROVED FEB - 3 98  
OMB NO. 1004-0137

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.  
COC-45947

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N.A.

7. UNIT AGREEMENT NAME  
Shaffers Draw Unit

8. FARM OR LEASE NAME, WELL NO.  
Shaffers Draw #1X

9. API WELL NO.  
05-081-6938

10. FIELD AND POOL OR WILDCAT  
Wildcat

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

Section 27-T9N-R96W

12. COUNTY OR PARISH  
Moffat

13. STATE  
CO.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK

OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

1b. TYPE OF WELL

NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR

P & M Petroleum Management, L.L.C.

3. ADDRESS AND TELEPHONE NO.

1600 Broadway, Suite 625, Denver, CO. 80202 (303) 861-2470

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

At Surface SESE(801' FSL & 1013' FEL)

At top prod. Interval reported below same as above

At total depth same as above

14. PERMIT NO.  
97-768

DATE ISSUED  
October 3, 1997

12. COUNTY OR PARISH  
Moffat

13. STATE  
CO.

15. DATE SPUDDED  
10-10-97

16. DATE T.D. REACHED  
11-16-97

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
6098' GR 6114' KB

19. ELEV. CASINGHEAD  
N.A.

20. TOTAL DEPTH, MD & TVD

9722' MD same. TVD

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

8450' MD same TVD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY ROTARY TOOLS  
-----> 0-TD

CABLE TOOLS  
N.A.

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

25. WAS DIRECTIONAL SURVEY MADE  
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

DI-FL/GR CNL-CDL/GR Sonic CBL

27. WAS WELL CORED  
NO

23. 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
16"	36#	40'	24"	surface	
8 5/8"	24#	1062'	12 1/4"	surface	
4 1/2"	11.6#	8496'	1 7/8"	4280'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORMANCE RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
8240' - 8264'	.50"	96 shots
7904' - 7928'	.50"	48 shots
7000' - 7030'	.50"	60 shots
5654' - 5674'	.43"	80 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8240' - 8264'	CIBP set @ 8190' w/35' cement on top
7904' - 7928'	CIBP set @ 7880' w/35' cement on top
7000' - 7030'	CIBP set @ 6970' w/35' cement on top
5654' - 5674'	CIBP set @ 5620' w/35' cement on top

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Cmt. Ticket

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

SIGNED *[Signature]* TITLE *Manager of Operations*

DATE 12/15/97

(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.



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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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Fort Union / Upper Shaley Un	5435	5450	sandstone perforated - swabbed water			
Fort Union / Upper Shaley Un	5654	5674	sandstone perforated - swabbed water			
Fort Union / Basin Sandy Uni	7000	7030	sandstone perforated - swabbed water	Wassatch	surface	
Fort Union / KT Conglomerat	7904	7928	sandstone perforated - swabbed water	Fort Union	4780	
				Lance	8040	
Lance	8240	8264	sandstone perforated - swabbed water	Foxhills	8480	
				Lewis	8590	
				Upper Lewis Sand	8640	
				Middle Lewis Sand	8918	
				Lower Lewis Sand	9520	



COGCC  
FEB - 3 98  
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