

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1.a. TYPE OF WELL
 OIL WELL GAS WELL DRY OTHER SWD

b. TYPE OF COMPLETION:
 NEW Well WORK OVER DEEP EN PLUG BACK DIFF. CENTR. OTHER

2. Name of Operator
 Dugan Production Corp.

3. Address and Telephone No.
 P.O. Box 420, Farmington, NM 87499 (505) 325-1821

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
 At surface 2,610' FNL & 425' FEL (SE/4 NE/4)
 At top prod interval reported below same
 At total depth same

5. LEASE DESIGNATION AND SERIAL NO
 NM-628

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
 Molly Pitcher #4 SWD

9. API Well No.
 30-045-30954

10. FIELD AND POOL, OR WILDCAT
 Blanco Mesaverde

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
 Unit H
 Sec. 14, T30N, R14W

14. PERMIT NO. DATE ISSUED 12. COUNTY OR PARISH 13. STATE
 San Juan NM

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF RKB, RT, GR, ETC.) 19. ELEV CASINGHEAD
 5/7/2002 5/11/2002 6/28/2002 5,967'

20. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE
 4,600' 4,551' → TD → no

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED
 GR-CCL 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
8-5/8"	24	228'	12-1/4"	180 sx. Class "B" neat w/1/4# celloflake and 2% CaCl ₂	
5-1/2"	15.5	4,600'	7-7/8"	733 cu. ft. Premium Lite FM w/8% gel, 5#/sx. LCM-1, 1/4# celloflake & .4% sodium metasilicate tailed w/Type III cement w/1% CaCl ₂ & 1/4# celloflake	
				543 cu. ft. Premium Lite FM w/8% gel, 5#/sx. LCM-1, 1/4# celloflake & .4% sodium metasilicate tailed w/Type III cement w/1% CaCl ₂ & 1/4# celloflake	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SBT (MD)
					2-7/8"		4,068' RKB

31. PERFORATION RECORD (interval, size and number)
 Perforated from 4,132'-4,290' with one shot per two feet (total 78 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
 DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
 4,132'-4,290' 500 gal. 7-1/2% NEFE HCl acid

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
 24 hrs →

FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24 - HOUR RATE OIL - BBL. GAS - MCF. WATER - BBL. OIL GRAVITY - API (CORR.)
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED Hank Baca Title Petroleum Engineer Date 05/15/2002

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 on used, time tool open, flowing and shut-in pressures, and recoveries);

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
				Ojo Alamo	surface		
				Kirtland	less than 240'		
				Fruitland	1,351'		
				Pictured Cliffs	1,712'		
				Lewis	1,774'		
				Cliff House	3,243'		
				Menefee	3,379'		
				Point Lookout	4,301'		
				Mancos	4,508'		
				Total Depth	4,600'		