

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. a. TYPE OF WELL: OIL ☐ GAS ☒ DRY ☐ OTHER ☐		5. LEASE DESIGNATION AND SERIAL NO. SF-078110	
b. TYPE OF COMPLETION: NEW ☒ WORK ☐ DEEP- ☐ PLUG ☐ DIFF. ☐ Well ☒ OVER ☐ EN ☐ BACK ☐ CENTR. ☐ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. Name of Operator Dugan Production Corp.		7. UNIT AGREEMENT NAME	
3. Address and Telephone No. P.O. Box 420, Farmington, NM 87499 (505) 325-1821		8. FARM OR LEASE NAME, WELL NO. Federal I #100	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 950' FNL & 1835' FEL (NW/4 NE/4)		9. APT Well No. 30 045 29991	
At top prod. interval reported below same		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal	
At total depth same		11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA Unit B Sec. 1, T29N, R14W	
14. PERMIT NO.		12. COUNTY OR PARISH San Juan	
15. DATE SPUDDED 7-2-01		13. STATE NM	
16. DATE T.D. REACHED 7-11-01		17. DATE COMPL. (Ready to prod.) 7/17/01	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5565' GL		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 1350'		21. PLUG BACK T.D., MD & TVD 1312'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 1117'-1233' (Basin Fruitland Coal)		25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CCL/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
7"	20#	123'	9"
4-1/2"	10.01#	1340'	6-1/4"
			60 sx class "B" neat w/1/4# celloflake
			75 sx 2% Lodense w/1/4# celloflake/sx. Tail w/75 sx class "B"
			neat w/1/4# celloflake/sx
			242 cu ft total cement
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
			2-3/8"
			1263'
			NA
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SBT (MD)	
31. PERFORATION RECORD (Interval, size and number)			
1117'-25'; 1164'-67'; 1214'-24'; 1230'-33' w/4 spf (96 holes total)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
1117'-1233'		200 gals 15% HCL; 37,000 gals 70Q crosslink	
		foam gel; 67,000# 20/40 sand; 250,000 SCF N ₂	
33. PRODUCTION			
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or shut in)	
NA	flowing - capable of production	shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD
7/20/01	24 hours	3/4"	0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 - HOUR RATE	OIL - BBL
20	100	0	50
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY	
vented - to be sold			
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 Terry Kochis
Terry KochisTitle EngineerACCEPTED FOR RECORD
Date 7/31/2001

*(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 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 Kirtland Fruitland Pictured Cliffs	surface surface 910' 1235'		