

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 ☐	5. LEASE DESIGNATION AND SERIAL NO. SF-078110	
b. TYPE OF COMPLETION:						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
NEW ☐ WORK ☐ DEEP- ☐ PLUG ☐ DIFF. ☐ 2005 SEP 14 PM 1 Well ☒ OVER ☐ EN ☐ BACK ☐ CENTR. ☐ OTHER ☐						7. UNIT AGREEMENT NAME	
2. Name of Operator Dugan Production Corp.						8. FARM OR LEASE NAME, WELL NO. Federal I #101	
3. Address and Telephone No. P.O. Box 420, Farmington, NM 87499 (505) 325-1821						9. API Well No. 30 045 31785	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FSL & 2085' FWL (SE/4 SW/4)						10. FIELD AND POOL, OR WILDCAT Harper Hill FR Sand PC	
At top prod. interval reported below same						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Unit N	
At total depth same						12. COUNTY OR PARISH San Juan	
15. DATE SPUNDED 3/28/2005						13. STATE NM	
16. DATE T.D. REACHED 4/2/2005		17. DATE COMPL. (Ready to prod.) 7/1/2005		18. ELEVATION OF RKB, RT, GR, ETC. 5525' GL		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 1330'		21. PLUG BACK T.D., MD & TVD 1277'		22. IF MULTIPLE COMPLEMENTS, HOW MANY* 2 - DHC		23. INTERVALS DRILLED BY TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 1074'-1190' (Fruitland Sand Pictured Cliffs)						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	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED		
8-5/8" J-55	24#	129'	12-1/4"	100 sx class "B" neat w/2% CaCl2 w/1/4# celloflake/sx.			
5-1/2" 8rd	15.5	1332'	6-1/4"	75 sx 2% Sodium Metasilicate w/1/4# celloflake/sx. Tail w/60 sx class "B" neat w/1/4# celloflake/sx (225.3 cu ft total slurry).			
				242 cu ft total cement			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SBT (MD)
					2-3/8"	1222'	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
1074'-1079' & 1184'-1190' w/4 spf				DEPTH INTERVAL (MD)			
				1074'-1190'			
				AMOUNT AND KIND OF MATERIAL USED			
				1004 gals 15% HCL; 77,663 gals AquaSafe			
				X-20 gel; 160,669# 20/40 Brady sand			

33. PRODUCTION							
DATE FIRST PRODUCTION NA		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) flowing - capable of production				WELL STATUS (Producing or shut in) shut-in	
DATE OF TEST 7/5/2005	HOURS TESTED 4 hrs	CHOKE SIZE N/A	PROD'N FOR TEST PERIOD →	OIL - MCF. 0	GAS - MCF. 5	WATER - BBL. 19	GAS - OIL RATIO
FLOW. TUBING PRESS. 1 psig	CASING PRESSURE 200 psig	CALCULATED 24 - HOUR RATE →	OIL - BBL. 0	GAS - MCF. 30	WATER - BBL. 114	OIL GRAVITY - API (CORR.) ACCEPTED FOR RECORD	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented - to be sold						TEST WITNESSED BY SEP 19 2005	
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 Darwin Steed Title Petroleum Engineer Date 9/9/2005

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

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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)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
				Kirtland Fruitland Pictured Cliffs Total Depth	surface 834' 1184' 1330'		