

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. NM 012737
b. TYPE OF COMPLETION: NEW Well ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. 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. El Niño #8E
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1850' FSL & 1850' FEL (NW/4 SE/4) At top prod. interval reported below same At total depth same		9. API Well No. 30 045 29639
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Unit J Section 11, T26N, R9W
12. COUNTY OR PARISH San Juan		13. STATE NM

15. DATE SPUDDED 7/28/99	16. DATE T.D. REACHED 8/8/99	17. DATE COMPL. (Ready to prod.) 11/15/1999	18. ELEVATIONS (CF, RKB, RT, GR, ETC.) 6238'	19. ELEV. CASING HEAD
20. TOTAL DEPTH, MD & TVD 6740'	21. PLUG BACK T.D., MD & TVD 6639'	22. IF MULTIPLE COMPL., HOW MANY? 2	23. INTERVALS DRILLED BY TD	24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 4292' - 4312' (Blanco Mesaverde - commingled with Basin Dakota)
25. TYPE ELECTRIC AND OTHER LOGS RUN Electric & Density/Neutron open hole logs & GR/CCL				26. WAS WELL CORED no

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#	330'	12-1/4"	342 cu. ft. class "B" w/3% CaCl ₂	
4-1/2"	10.5# & 11.6#	6740'	7-7/8"	See details on back	
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LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6410'	NA

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4292' - 4312' w/1 jspf (20 holes total)		DEPTH INTERVAL (MC)	AMOUNT AND KIND OF MATERIAL USED
		4292' - 4312'	500 gals 15% HCL; 53,896 gals slickwater; 51,000# 20/40 sand

33. PRODUCTION							
DATE FIRST PRODUCTION 11/15/99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) capable of production				WELL STATUS (Producing or shut-in) shut-in	
DATE OF TEST 11/15/99	HOURS TESTED 24 hrs	CHOKE SIZE 1/4"	PROD. FOR TEST PERIOD	OIL - MCF.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
FLOW TUBING PRESS. 1500	CASING PRESSURE 1500	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY (API CORN)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented - to be sold	TEST WITNESSED BY
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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 <u>John Alexander</u> Title <u>Vice-president</u> Date <u>11/15/99</u>
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37. SUMMARY OF PRODUCTIVE ZONES. (Show all important zones of porosity and contents thereof, cored intervals, and all drill stem, leads, including depth interval tested on test, time tool open, flowing and shut-in pressures, and other pertinent data.)				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION OF ZONES, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
			Drill to 6740' TD on 8/9/99. Ran Electric and Density/Neutron open hole logs. Ran 4-1/2" 11.6# J-55 and 10.5# J-55 casing. Land casing @ 6736'. Stage tools @ 4630' and 2115'. Cement 1st stage with 261 cu. ft. 65/35/8 containing 8# Gilsomite/sx and 1/4# celloflake/sx, follow with 280 cu. ft. class "H" containing 4% CD-32, .3% FL-52 and 1/1# celloflake/sx. Total cement volume stage 1 was 541 cu. ft. Cemented 2nd stage with 690 cu. ft. 65/35/8 containing 8# Gilsomite/sx and 1/4# celloflake/sx, followed by 70 cu. ft. class "C" containing 6-1/4# Gilsomite/sx and 1/4# celloflake/sx. Total cement volume stage 2 was 760 cu. ft. Cement 3rd stage with 711 cu. ft. 65/35/8 containing 8# Gilsomite/sx and 1/4# celloflake/sx, follow with 70 cu. ft. class "C" containing 6-1/4# Gilsomite/sx and 1/4# celloflake/sx. Total cement volume for stage 3 was 781 cu. ft. Circulated 2 bbls cement to surface on third stage. Job complete 8/10/99.	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House Menefee Point Lookout Gallup Sanostee Greenhorn Graneros Dakota	950' 1266' 1670' 1962' 2034' 2412' 3504' 3587' 4291' 5406' 5915' 6256' 6306' 6334'		