

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. SF-080230											
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME											
2. NAME OF OPERATOR DUGAN PRODUCTION CORP.				7. UNIT AGREEMENT NAME											
3. ADDRESS OF OPERATOR P.O. Box 420, Farmington, NM 87499				8. FARM OR LEASE NAME Sapp C											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 900' FNL & 1660' FWL At top prod. interval reported below At total depth				9. WELL NO. 4											
14. PERMIT NO. API#30-039-24463				10. FIELD AND POOL, OR WILDCAT Lybrook Gallup											
DATE ISSUED 6-5-89				11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA Sec. 5, T. 20N, R. 7W, NMPM											
15. DATE SPUDDED 2-26-90		16. DATE T.D. REACHED 3-5-90		17. DATE COMPL. (Ready to prod.) 4-13-90		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7075' GL; 7087' RKB		19. ELEV. CASINGHEAD 7075'							
20. TOTAL DEPTH, MD & TVD 5773'		21. PLUG BACK T.D., MD & TVD 5725'		22. IF MULTIPLE COMPL. HOW MANY*		23. INTERVALS DRILLED BY T.D.		ROTARY TOOLS CABLE TOOLS							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5603' - 5684' (Gallup)								25. WAS DIRECTIONAL SURVEY MADE no							
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Guard Log; Compensated Density Log; GR-CCL-VDL								27. WAS WELL CORRED no							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
8-5/8"		24#		219' RKB		12-1/4"		191 cf (135 sx class "B" + 2% CaCl ₂ & 15 sx "B")							
4-1/2"		10.5#		5773'		7-7/8"		1847 cf in 2 stages (1st stage w/230 sx 50-50 pos+2% gel & 1/4# celloflake/sk=292 cf. 2nd stage w/675 sx 65-35+12% gel & 1/4# celloflake/sk & 50 sx 50-50 pos+2% gel & 1/4# celloflake/sk=1555 cf). DV tool @ 4639'.							
29. LINER RECORD						30. TUBING RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2-3/8"		5647'			
31. PERFORATION RECORD (Interval, size and number) 5603 (1 JSPF), 5604, 05, 06, 07, 08, 09, 10 (2 JSPF); 5611, 19, 24, 47, 63, 82, 84 (1 JSPF).										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
						DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED							
						5692-5245'		300 gals 7 1/2% HCL							
						5603-5684'		82,491 gals 30# gel water							
								80,860# 20/40 sand							
								25,700# 12/20 sand							
33.* PRODUCTION										750 gals 15% HCL acid					
DATE FIRST PRODUCTION 4-13-90*		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) pumping						WELL STATUS (Producing or shut-in) producing							
DATE OF TEST 4-27-90		HOURS TESTED 24		CHOKE SIZE ---		PROD'N. FOR TEST PERIOD →		OIL—BBL. 32		GAS—MCF. 70		WATER—BBL. 50**		GAS-OIL RATIO 2188	
FLOW TUBING PRESS. ---		CASING PRESSURE 25		CALCULATED 24-HOUR RATE →		OIL—BBL. 32		GAS—MCF. 70		WATER—BBL. 50		OIL GRAVITY-API (CORR.) 46			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold										TEST WITNESSED BY MAY 10 1990 Sullivan					
35. LIST OF ATTACHMENTS *1st new oil swabbed to tank. **Water is frac fluid.										FARMINGTON RESOURCE AREA					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED Jim I. Jacobs		TITLE Geologist				DATE 4-30-90									

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

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
				Ojo Alamo Kirtland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos Gallup	1413' 1545' 2100' 2250' 3595' 3613' 4413' 4630' 5214'	