

6 USGS, Fmn 2 BIA Crownpoint
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY1 file
SUBMIT IN DUPLICATE*(See other in-
structions on
reverse side)

1 IK

1 MW
Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	DRY ☐	Other ☐				
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐		
2. NAME OF OPERATOR DUGAN PRODUCTION CORP.									
3. ADDRESS OF OPERATOR P O Box 208, Farmington, NM 87401									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL - 330' FWL At top prod. interval reported below At total depth									
14. PERMIT NO.				DATE ISSUED 9-1-81					
15. DATE SPUDDED 10-22-81		16. DATE T.D. REACHED 10-31-81		17. DATE COMPL. (Ready to prod.) 11-12-81		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6757' GL		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 5555'		21. PLUG, BACK T.D., MD & TVD 5481'		22. IF MULTIPLE COMPL., HOW MANY* single		23. INTERVALS DRILLED BY TD		ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5202 - 5443 Gallup								25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, CDL, GR-CCL								27. WAS WELL CORED 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"	23	228' RKB	12-1/4"	135 sx class B + 2% CaCl	---
4-1/2"	10.5	5548' RKB	7-7/8"	1st stage 175 sx	---
				2nd stage 550 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	5405' RKB	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5202 - 5443 38 holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		5202-5443	250 gal 7 1/2% HCL
			250 gal 15% HCL
			65,412 gal slick water,
			73,000# 20-40 sand, WFR-2,

33.* PRODUCTION								SAA-1	
DATE FIRST PRODUCTION 11-11-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing					WELL STATUS (Producing or shut-in) producing		
DATE OF TEST 11-12-81	HOURS TESTED 8 hrs	CHOKE SIZE —	PROD'N. FOR TEST PERIOD →	OIL—BBL. 20 bbls	GAS—MCF./day 50 est.	WATER—BBL. 150 frac	GAS-OIL RATIO 833.33		
FLOW. TUBING PRESS. 250 psi	CASING PRESSURE →	CALCULATED 24-HOUR RATE →	OIL—BBL. 60	GAS—MCF. 50	WATER—BBL. no formation	OIL GRAVITY-API (CORR.) water 40			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented							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 Thomas A. Dugan TITLE Petroleum Engineer DATE 11-13-81

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

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INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 19: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	1043	
				Kirtland	1342	
				Fruitland	1594	
				Pictured Cliffs	1908	
				Chacra	2178	
				Cliff House	3004	
				Menefee	3094	
				Point Lookout	4120	
				Mancos	4363	
				Gallup	4948	