

UNITED STATES SUBMIT
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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 _____				7. UNIT AGREEMENT NAME _____	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				8. FARM OR LEASE NAME Blanco Wash	
2. NAME OF OPERATOR Dugan Production Corp.				9. WELL NO. 5	
3. ADDRESS OF OPERATOR P. O. Box 234, Farmington, NM 87401				10. FIELD AND POOL OR WILDCAT Undesig. Mancos <i>Antelope</i> Dakota	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1550' FSL - 1190' FWL Sec 1 T24N R9W At top prod. interval reported below as above At total depth as above				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 1, T24N, R9W	
14. PERMIT NO. _____		DATE ISSUED _____		12. COUNTY OR PARISH San Juan	
				13. STATE NM	
15. DATE SPEUDED 3-19-78	16. DATE T.D. REACHED 3-28-78	17. DATE COMPL. (Ready to prod.) 5-22-78	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6695' GR 6707' RKB	19. ELEV. CASINGHEAD 6697'	
20. TOTAL DEPTH, MD & TVD 6485'	21. PLUG, BACK T.D., MD & TVD 6300'	22. IF MULTIPLE COMPL., HOW MANY* →	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0-6485	CABLE TOOLS ---
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6190-6240 Greenhorn 5258-5836 Mancos				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES - CDL & SNP				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#	217'	12-1/4"	140 sx	---
4-1/2"	10.5#	6485'	7-7/8"	1829 cu ft	---
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-3/8"	6181'	----			
31. PERFORATION RECORD (Interval, size and number) 6230-40', 5210-20', 6190-6200', 5826-5836', 5512-5522', 5440-5450', 5414-5424, 5360-5370', 5258-5268'. All perfs 1 per ft.			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED See Sundry Notice for detailed acidizing and frac info		
33. PRODUCTION					
DATE FIRST PRODUCTION 5-23-78		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 5-24-78	HOURS TESTED 24	CHOKE SIZE ----	PROD'N. FOR TEST PERIOD →	OIL—BBL. 65	GAS—MCF. 846
FLOW. TUBING PRESS. 35	CASING PRESSURE 200	CALCULATED 24-HOUR RATE →	OIL—BBL. 65	GAS—MCF. 55	WATER—BBL. 0
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented			OIL GRAVITY-API (CORR.) 40°		
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 <i>Jim L. Jacobs</i>		TITLE Geologist		DATE 5-25-78	

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

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 18: 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				<u>Log Tops</u>		
				Ojo Alamo	1037'	
				Kirtland	1192'	
				Fruitland	1647'	
				Pictured Cliffs	1830'	
				Lewis	1995'	
				Cliff House	3358'	
				Menefee	3410'	
				Point Lookout	4215'	
				Mancos	4446'	
				Gallup	5252'	
				Greenhorn	6183'	
				Graneros	6242'	
				Dakota	6332'	