

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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 ☐		
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 1950' FWL - 660' FNL At top prod. interval reported below At total depth Gallup to Bisti Lower Gallup Field							
14. PERMIT NO.		DATE ISSUED					
5. LEASE DESIGNATION AND SERIAL NO. NM 25433		6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Sixteen G's					
9. WELL NO. #3		10. FIELD AND POOL, OR WILDCAT Bisti Lower Gallup**					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 7 T24N R9W		12. COUNTY OR PARISH San Juan				13. STATE NM	
15. DATE SPUDDED 7-7-81	16. DATE T.D. REACHED 7-19-81	17. DATE COMPL. (Ready to prod.) 8-6-81	18. ELEVATIONS (DF, RSB, RT, GR, ETC.)* 6845' GL		19. ELEV. CASINGHEAD		
20. TOTAL DEPTH, MD & TVD 6485'	21. PLUG, BACK T.D., MD & TVD 6230'	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)* 5438-52 and 5406-18' Gallup					25. WAS DIRECTIONAL SURVEY MADE NO		
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, CDL					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"	24#	207' RKB	12 1/4"	135 sx class B 2% CaCl	---		
4-1/2"	10.5#	6492'	7-7/8"	400 sx 1st stage	---		
				500 sx 2nd stage			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)			
None							
30. TUBING RECORD							
SIZE	DEPTH SET (MD)	PACKER SET (MD)					
2-3/8"	5497' RKB	---					
31. PERFORATION RECORD (Interval, size and number)							
6428-34 & 6320-6330' (20 shots) Dakota Set bridge plug at 6280' w/ 50' cement above it. 5438-52 & 5406-18' (26 shots) Gallup							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
6320-6434		500 gals 15% HCL					
5406-5452		500 gal 15%, frac w/ 70,000# sand w/ slick water					
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) pumping			WELL STATUS (Producing or shut-in) waiting to set pumping unit SI		
DATE OF TEST 8-11-81	HOURS TESTED 4	CHOKE SIZE ---	PROD'N. FOR TEST PERIOD →	OIL—BBL. 10	GAS—MCF. 13 est.	WATER—BBL. frac	GAS-OIL RATIO 1300 est.
FLOW. TUBING PRESS. (swabbing) 0	CASING PRESSURE 360 psi/flw	CALCULATED 24-HOUR RATE →	OIL—BBL. 60	GAS—MCF. 78	WATER—BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					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 8-27-81			

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

NMOC

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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	863'	
				Kirtland	946'	
				Fruitland	1182'	
				Pictured Cliffs	1747'	
				Lewis	1923'	
				Chacra	2148'	
				Cliff House	3250'	
				Menefee	3380'	
				Point Lookout	4212'	
				Mancos	4468'	
				Gallup	5012'	
				Greenhorn	6168'	
				Graneros	6228'	
				Dakota	6265'	