

UNITED STATES
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 _____		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-586	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
2. NAME OF OPERATOR DUGAN PRODUCTION CORP.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P O Box 208, Farmington, NM 87401		8. FARM OR LEASE NAME Hogan	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 1980' FNL - 1980' FNL At top prod. interval reported below At total depth		9. WELL NO. 5	
14. PERMIT NO. 10-20-78		10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup	
15. DATE SPUDDED 6-19-82		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec 32 T32N R17W	
16. DATE T.D. REACHED 6-22-82		12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 8-4-82		13. STATE NM	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) * 5434' GL; GL = RKB		19. ELEV. CASINGHEAD 5434'	
20. TOTAL DEPTH, MD & TVD 1140'		21. PLUG, BACK T.D., MD & TVD 1115'	
22. IF MULTIPLE COMPLEMENTS, HOW MANY 1		23. INTERVALS DRILLED BY TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME OF WELL 1064-74' Gallup		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN No open hole logs; correlation		27. WAS WELL CORED No	
28. CASING RECORD (Report all casing set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
7"	20	99' GL	8 3/4"
4 1/2"	9.5	1134' GL	6-1/4"
			17 cf neat cement
			70 cf - 50 sx class B w/
			12 1/2# colite/sk & 1% FL additive
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
	None		
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	1053'	---	
31. PERFORATION RECORD (Interval, size and number)			
1064-74, 10 ft., 1 SPF			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
1064-74		253,460 scf nitrogen; 26,500# 20-40 sand	
33. PRODUCTION			
DATE FIRST PRODUCTION 8-18-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) pumping	
DATE OF TEST 8-18-82		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHUKE SIZE none	PROD'N. FOR TEST PERIOD 6	GAS—MCF. 20
WATER—BBL. ---	GAS—OIL RATIO 3333		
FLOW. TUBING PRESS. Zero	CASING PRESSURE 15 psi	WATER—BBL. ---	OIL GRAVITY-API (CORR.) 42°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test			
TEST WITNESSED BY Dugan			
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 8-19-82		DATE 8-19-82	

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

NMOCC

FARMING
BY *[Signature]*

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 23, 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 Content": 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	TOP TRUE VERT. DEPTH
				Sample top, Gallup producing interval	1056'	
				No open hole logs		