

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form 87-100
Budget Bureau No. 4. 1. 70.

1. WELL DESIGNATION AND SERIAL NO.

SF 078056

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Central Bisti Lower Gallup

8. FARM OR LEASE NAME Unit

9. WELL NO.

77

10. FIELD AND POOL, OR WILDCAT

Bisti Lower Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 6, T25N, R12W

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR

San Juan

13. STATE

NM

15. DATE SPUNDED

5/6/82

16. DATE T.D. REACHED

5/12/82

17. DATE COMPL. (Ready to prod.)

5/28/82

18. ELEVATIONS (DF, R, etc.)

6231' KB

19. ELEV. CASINGHEAD

6218' GLE

20. TOTAL DEPTH, MD & TVD

5090'

21. PLUG, BACK T.D., MD & TVD

5021'

22. IF MULTIPLE COMPL. HOW MANY*

none

23. INTERESTS

ROTARY

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4812'-4830' Bisti Lower Gallup

25. WAS DIRECTIONAL SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Electric & Compensated Density Neutron Gamma Ray

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#	215'	12-1/4"	120 sx Class B w/2% CaCl & 1/4#/sx Flocele	
4-1/2"	10.5#	5063'	7-7/8"	75 sx 65:35 w/12% gel & 1/4#/sx cello	
				300 sx 50:50 w/6% gel, 2% CaCl & 1/4#/sx cello	
				150 sx Class B w/1/4#/sx cello & 2% CaCl	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4712'	

31. PERFORATION RECORD (Interval, size and number)

4812'-4830' 2 JSPF 37 holes (0.41")

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4812'-4830	50,000# 20-40 sand & 54,967 gallons 2% KCl slick water

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5/28/82		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6/28/82	24		→	23.9	7	9.7	291
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	23.9	7	9.7	40.5	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

OMB

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

Petroleum Engineer

DATE

6/29/82

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

NMOCC

FARMING

BY

6/29/82

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: "Stacks (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; CORREL INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL, TESTED, CUSHION TEST, TIME TOOL, OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	TOP	TRUE VERT. DEPTH
Fruitland	1128'					
Pictured Cliffs	1150'					
Lewis	1335'					
Cliffhouse	1503'					
Montefee	2591'					
Point Lookout	3648'					
Hanceos	3792'					
Upper Gallup	4714'					
Lower Gallup	4803'					