

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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. RESER. ☒ OTHER ☐

2. NAME OF OPERATOR
Giant Exploration & Production Company

3. ADDRESS OF OPERATOR
PO Box 2810, Farmington, N.M. 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1650' FNL, 330' FEL, Sec. 31, T26N, R13W
At top prod. interval reported below
At total depth API #30-045-27918

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
NM 80507

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
South Bisti H

9. WELL NO.
31

10. FIELD AND POOL, OR WILDCAT
Bisti Lower Gallup

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 31, T26N, R13W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

15. DATE SPUDDED 9-14-90 16. DATE T.D. REACHED 9-23-90 17. DATE COMPL. (Ready to prod.) 10-3-90 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6507' GLE 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5400' 21. PLUG, BACK T.D., MD & TVD 5348.71' 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY → ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5191'-5202' 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Density-Neutron log with calliper and 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#	348.73'	12-1/4"	See attached Exhibit "A"	
5-1/2"	15.5#	5394.19'	7-7/8"	See attached Exhibit "A"	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5270'	

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5191'-5202'	.4"	44 holes	5191'-5202'	Acidized with 1,000 gal 15% HCL acid.

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-3-90		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-15-90	24	1/8"	→	148	30	1	203
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
60	60	→	148	30	1	39	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be used on lease

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 Aldrich L. Kuchera President BY DATE OCT 18 1990

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland Basal Coal	1484'					
Pictured Cliffs	1588'					
Lewis	1648'					
Cliffhouse	2323'					
Menefee	2896'					
Pt. Lookout	3994'					
Mancos	4149'					
Gallup	5093'					
1st So. Bisti Sand	5190'					

GIANT EXPLORATION & PRODUCTION COMPANY
SOUTH BISTI WELL NO. 31-H
1650' FNL, 330' FEL
SEC. 31, T26N, R13W
SAN JUAN COUNTY, NEW MEXICO
LEASE NO. NM 80507
COMPLETION REPORT
EXHIBIT "A"

CEMENT RECORD

Surface Casing - Mixed and pumped 230 sks. (271.4 cu. ft.) of Class "B" cement containing 2% CaCl₂ and 1/4#/sk. cellophane flakes. Cement circulated to surface.

Production Casing - Mixed and pumped 525 sks. (2042 cu. ft.) of Class "B" cement containing 3% Thriftylite and 1/4#/sk. Cello-Seal. Tailed in with 200 sks. (236 cu. ft.) of Class "B" cement containing 2% CaCl₂ and 1/4#/sk. Cello-Seal. Cement circulated to surface.