

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 67111

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Geronimo Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Gem (Bone Springs)

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

Sec 31 T19S R33E

12. COUNTY OR PARISH

Lea

13. STATE

NM

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
Mitchell Energy Corporation

3. ADDRESS OF OPERATOR
P.O. Box 4000 The Woodlands, TX. 77387-4000

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

660' FNL & 660' FWL (NW/NW)

unit B

At top prod. interval reported below

At total depth

660' FNL & 660' FWL

660' FNL & 660' FWL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 10-25-89 16. DATE T.D. REACHED 11-18-89 17. DATE COMPL. (Ready to prod.) 12-19-89 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3576 GR 19. ELEV. CASINGHEAD 3578

20. TOTAL DEPTH, MD & TVD 10,564' 21. PLUG, BACK T.D., MD & TVD 10,491' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ALL 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 9852-10,002 Bone Springs 25. WAS DIRECTIONAL SURVEY MADE NO 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED NO

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.4	1298'	17 1/2"	730 sx C1 "C"	
8 5/8"	32	3355'	12 1/4"	750sx 65/35 C/Poz+300sx"C"	
5 1/2"	17	10,562'	7 7/8"	725sx"H"+500sx50/50"H"/Poz	Thru DV Tool @ 6390'

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	9752	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9852-10,002 28 Shots		9852-10,002	2160 gal 15% Hcl
		9852-10,002	188,340#16/30 OTTAWA + 72,000 #16/30 Resin Coated

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-19-89		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-26-89	24	Open	→	108	0	70	--
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
10 psi	10 psi	→	108,	0	70	41	

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

35. LIST OF ATTACHMENTS
Deviation Surveys & DST

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

James S. Blount

TITLE

Engineer Tech

DATE

12-27-89

*(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, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	5163	7860	Sandstone, Dolomite	Delaware	5163	
1st Bone Springs Sand	8914	9326	Sandstone, Dolomite	Bone Springs	7860	
2nd Bone Spring Carbonate	9326	9606	Limestone, Dolomite	1st Bone Spr Sand	8914	
2nd Bone Spring Sand	9606	10250	Sandstone, Limestone	2nd Bone Spr Carb	9326	
			Rotary sidewall cores; 5192, 5202, 5330, 5614, 6214, 7482, 7540, 7587, 7594, 7611, 7668, 8958, 8986, 9028, 9066, 9086, 9113, 9275, 9377, 9428, 9908, 9968. DST 9370-9396: 30" Preflow 307#-147# 60" S.I. 310# 60" Flow 234#-172# 180" S.I. 447# Rec 93' gas cut drill mud, 187' heavy oil & gas cut drill mud. No water Cushion.	2nd Bone Spr Sand	9606	
				3rd Bone Spr Carb	10250	