

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 67111	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Mitchell Energy Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 4000, The Woodlands, TX 77387-4000		8. FARM OR LEASE NAME Geronimo Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 660' FWL At top prod. interval reported below At total depth 1980' FNL & 660' FWL		9. WELL NO. 2	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Gem (Morrow)	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 31, T19S, R33E	
15. DATE SPUNDED 9-27-90		12. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 11-23-90		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 12-12-90		19. ELEV. CASINGHEAD 3576'	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3575' GR		20. TOTAL DEPTH, MD & TVD 13770	
21. PLUG, BACK T.D., MD & TVD 13691		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY		ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION-- TOP, BOTTOM, NAME (MD AND TVD)* 13233-382', 13533-624' (Morrow)		CABLE TOOLS	
25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN GR/DLL/CNL/FDC, FMS, BHC/Sonic, GR/CCL/CBL	
27. WAS WELL CORRED No			

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	106.5	512	26"	665sx PP lite + 50sx PP	
13 3/8"	61	3064	17 1/2"	1500sx PP lite + 300sx PP	
8 5/8"	32	5074	12 1/4"	900sx PP lite + 300sx PP	
5 1/2"	17	13769	7 7/8"	1450sx 50/50 POZ A & 800sx	50/50 POZ A thru

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"	13186'	13138'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
13233-382 4SPF (272shots)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13533-624 4SPF (167 shots)			

33.* PRODUCTION							
DATE FIRST PRODUCTION 12-12-90		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI -WOPL	
DATE OF TEST 12-12-90	HOURS TESTED 1	CHOKE SIZE 16/64	PROD'N. FOR TEST PERIOD →	OIL--BBL. 7.8	GAS--MCF. 133.4	WATER--BBL. 0	GAS-OIL RATIO 17,100
FLOW. TUBING PRESS. 2401	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL--BBL. 187	GAS--MCF. 3202	WATER--BBL. 0	OIL GRAVITY-API (CORR.) 46.40	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented	TEST WITNESSED BY
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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 James Glow TITLE Engineer DATE 12-18-90

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

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	2998'	3032'	drlg. brk. w/mudlog show	T/Yates	2998'	2998'
Delaware	7474'	7628'	drlg brk w/mudlog show rotary sidewall cores 7381, 7402, 7423, 7460, 7467, 7480, 7503, 7539, 7580, 7623, 7635,	T/Delaware	5198'	5198'
Bone Spring	8920'	9260'	drlg. brk w/mudlog show rotary sidewall cores 9077', 9056', 9007', 8964'	T/Bone Spring T/1st Bone Spring Sand	7828' 8898'	7828' 8898'
Strawn	12312'	12353'	DST #1 1500' water blanket IFP (30")/FFP(65")=700-617/597-617 ISIP(60")/FSIP(130")=4188/3768 IHMP/FHMP=6427/6406 psi 1537' HGC water + 150 GCM	T/Wolfcamp	10968'	10968'
Atoka	12476'	12516'	DST #2 1524' water cushion IFP(30")/FFP(60")=688-646/646-667 ISIP(60")/FSIP(120")=6538/5404 IHMP/FHMP=6538/6538 psi 1524' HGC water + 90' HGCM	T/Atoka	12486'	12486'
	12622'	12658'	DST #3 1569' water cushion IFP(30")/FFP(70")=597-576/597-617 ISIP(60")/FSIF(140")=7410/7138 IHMP/FHMP = 6364/6287 psi 92' HGCM + 1569' HGC water Rotary Sidewall Cores 12,636.5, 12637, 12637.5	T/Morrow	12803'	12803'
Morrow	13186'	13649'	Rotary Sidewall Cores 13607, 13580', 13365', 13280', 13237'			