

Form approved.
Budget Bureau No. 42-R855.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		7. UNIT AGREEMENT NAME Rosa	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. CESVR. ☐ Other ☐		5. FARM OR LEASE NAME NA	
2. NAME OF OPERATOR Mitchell Energy Corporation		9. WELL NO. 84	
3. ADDRESS OF OPERATOR 1670 Broadway Suite 3200 Denver, Colorado 80202		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 890' FNL & 1060 FEL (NE NE) At top prod. interval reported below Same At total depth Same		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 23-T31N-R4W	
14. PERMIT NO.		DATE ISSUED	
12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico	
15. DATE SPUDDED 1/23/81		16. DATE T.D. REACHED 3/12/81	
17. DATE COMPL. (Ready to prod.) 7/13/82		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6854' KB	
19. ELEV. CASING HEAD 6841 GR			
20. TOTAL DEPTH, MD & TVD 8656'		21. PLUG, BACK T.D., MD & TVD 8496' 8614'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY XX	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8382'-8468' Dakota		25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL 296-4144 & 4255-8492; CNL-FDC 297-4150 & 4224-8491		27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
10-3/4	40.5#	329	14-3/4
7	26#	4224	9-1/2
CEMENTING RECORD			
472 ft. ³ Class B w/2% CaC & 1/4#/sk. Flo-			
cele. 315 ft. ³ 65/35 poz w/12% gel & 1-1/2			
#/sk Gilsonite followed by 531 ft. ³ Class B			
w/2% Ca Cl ₂ & 1/4#/sk Flocele. 7000/500'			
2			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4-1/2"	3990'	8654'	567 ft. ³ 50/50 Poz
SCREEN (MD)			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	8297'		
31. PERFORATION RECORD (Interval, size and number)			
02'-08', 8532'-44', 8558-70': 2 SPF, 63 holes			
0.35". Squeezed w/177 ft. ³ Class G. Cmt.			
tainer @ 8496'. 8454'-68', 8422'-36', 8382-92':			
SPF, 79 holes @ 0.35". 8303'			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
		3000 gal. 15% HCL	
		106,500 gal. Polaris 40 & 50	
		gel, 160,000# 20/40 sand.	
33. PRODUCTION			
DATE FIRST PRODUCTION 7/13/82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swabbing and flowing.	
DATE OF TEST 7/13/82		WELL STATUS (Producing or shut-in) TA	
HOURS TESTED 5	CHOKE SIZE ---	PROD'N. FOR TEST PERIOD ---	GAS—MCF. TSTM
WATER—BBL. 88	GAS—OIL RATIO ---	WATER—BBL. 422	OIL GRAVITY-API (CORR.) ---
FLOW. TUBING PRESS. TSTM	CASING PRESSURE 1100	CALCULATED 24-HOUR RATE ---	OIL—BBL. ---
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY Bob Hiser	
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 [Signature]		TITLE Area Prod. Mgr.	

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

NMOCC

BY Jim

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 33.

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 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; 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.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3082'	3770'
Kirtland	3303'	3551'
Fruitland	3610'	3244'
Pictured Cliffs	3722'	3132'
Lewis	4132'	2722'
Cliff House	5763'	1091'
Menefee	6012'	842'
Point Lookout	6162'	692'
Mancos	6658'	196'
Gallup	6896'	-42'
Gallup Base	7855'	-1001'
Sanostee	7894'	-1040'
Greenhorn	8200'	-1346'
Graneros	8248'	-1394'
Dakota	8372'	-1518'
Burro Canyon	8600'	-1746'