

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

PRODUCTION Form C-105
Revised 10-1-78
MAR 14 1986

3a. Indicate Type of Lease
State Oil & Gas Lease No. ☒ **REGION** ☐ Fee ☐

5. State Oil & Gas Lease No.

B-8096

7. Well Agreement Name

N/A

8. Farm or Lease Name

Conoco "7" State

9. Well No.

13

10. Field and Pool, or Wildcat

E. Millman (QN-Grayburg)

1. TYPE OF WELL

BoFM

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER ☐

2. TYPE OF COMPLETION

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

OTHER ☐

Name of Operator

Mitchell Energy Corporation

Address of Operator

P.O. Box 4000, The Woodlands, TX 77387-4000

Location of Well

11. LETTER **J** LOCATED **1980** FEET FROM THE **South** LINE AND **1980** FEET FROM

12. County **Eddy**

13. East LINE OF REC. **7** TWP. **19S** RGE. **29E** NMPM

5. Date Spudded **1/6/86** 16. Date T.D. Reached **1/11/86** 17. Date Compl. (Ready to Prod.) **2/26/86** 18. Elevations (D.F., RKB, RT, GR, etc.) **3376' GL** 19. Elev. Casinghead **10.0'**

20. Total Depth **2771'** 21. Plug Back T.D. **2672'** 22. If Multiple Compl., How Many **23. Intervals Drilled By** **X** Rotary Tools Cable Tools

4. Producing Interval(s), of this completion - Top, Bottom, Name

2224'-2642' Grayburg

25. Was Directional Survey Made

Yes

6. Type Electric and Other Logs Run

DLL/GR, LDT/CNL, CCL

27. Was Well Cored

No

8. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	354'	12-1/4"	125 sx C1 "C" & 75 sx down annulus.	--
5-1/2"	15.5	2765'	7-7/8"	275 sx C1 "C" & 400 sx C1 "C"	

9. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 1/2"	2229'	

1. Perforation Record (Interval, size and number)

1202'-1307' Total 37 0.42" Dia holes
2556'-2642' Total 36 0.42" Dia holes
2332'-2438' Total 28 0.42" Dia holes
2224'-2269' Total 19 0.42" Dia holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1202'-1307'	1500 gals 15% acid, 18,000 gals Gel
	35,000# 20/40 Sd&135,000 SCF N2.
	Squeezed w/200 sx C1 "C".
2224'-2642'	Frac w/113,000 gals Gel&258,000#
	Sd. Acidize w/7000 gals 15%.

3. PRODUCTION

Date First Production 2/26/86		Production Method (Flowing, gas lift, pumping -- Size and type pump) Pumping 2½" x 2" x 14' RWBC				Well Status (Prod. or Shut-in) Producing	
Date of Test 3/5/86	Hours Tested 24	Choke Size --	Prod'n. For Test Period →	Oil -- Bbl. 85	Gas -- MCF 20	Water -- Bbl. 490	Gas -- Oil Ratio 235
Flow Tubing Press. 20 psi	Casing Pressure 20 psi	Calculated 24- Hour Rate →	Oil -- Bbl. 85	Gas -- MCF 20	Water -- Bbl. 490	Oil Gravity -- API (Corr.) 38°	

4. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Gary Butler

5. List of Attachments

C-103, C-104

6. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

[Signature]

TITLE

Engineer

DATE

3/11/86

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All formations shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 690	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 925	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1170	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1818	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 2205	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ NR	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzls _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Lough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 2224 _____ to _____ 2269 _____	No. 4, from _____ 2556 _____ to _____ 2581 _____
No. 2, from _____ 2332 _____ to _____ 2358 _____	No. 5, from _____ 2602 _____ to _____ 2642 _____
No. 3, from _____ 2412 _____ to _____ 2438 _____	No. 6, from _____ _____ to _____ _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.	_____
No. 2, from _____ to _____ feet.	_____
No. 3, from _____ to _____ feet.	_____
No. 4, from _____ to _____ feet.	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
925	1170	245	Yates				
1170	1818	648	Seven Rivers				
1818	2205	387	Queen				
2205	E-Log	544	TD in Grayburg				
	TD						
	2749						