

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.

30-025-31857

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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 ☐

DEEPEN ☐

PLUG
BACK ☐

DIFF
RESVR ☐

OTHER ☐

7. Lease Name or Unit Agreement Name

Scharbauer "4"

2. Name of Operator

Mitchell Energy Corporation

8. Well No.

1

3. Address of Operator

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

9. Pool name or Wildcat

Gem (Bone Spring)

4. Well Location

Unit Letter 0 : 660 Feet From The South Line and 1980 Feet From The East Line

Section 4

Township

20S

Range

33E

NMPM

Lea

County

10. Date Spudded

4/3/93

11. Date T.D. Reached

5/23/93

12. Date Compl. (Ready to Prod.)

7/28/93

13. Elevations (DFA RKB, RT, GR, etc.)

3556' GR

14. Elev. Casinghead

3556'

15. Total Depth

13,720'

16. Plug Back T.D.

11,330'

17. If Multiple Compl. How
Many Zones?

18. Intervals
Drilled By

Rotary Tools

X

Cable Tools

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

9230-9350'

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

GR/DLL/MSFL/Sonic, GR/CNL/LDT, GR/CBL

22. Was Well Cored

Yes - Sidewall

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94	500'	26 1/2"	950 sx to surf	
13 3/8"	68	2950'	17 1/2"	2207 sx to surf	
8 5/8"	32	5382'	12 1/4"	885 sx to surf	
5 1/2"	17	13719'	7 7/8"	1000 sx + 800 sx thru TOC @ 6630'	
				pv @ 9724'	

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	9440'	

26. Perforation record (interval, size, and number)

9230-80', 9295-99', 9326-50' (42 holes, .4")

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9230-9350'	4000 gals 15% NeFe acid
9230-9350'	Frac w/224,200# 20/40 Ottawa & 58,000 gal gel

28. PRODUCTION

Date First Production 7/29/93	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 2 1/2" x 1 1/2" RHBC					Well Status (Prod. or Shut-in) Prod	
Date of Test 8/4/93	Hours Tested 24	Choke Size -	Prod'n For Test Period	Oil - Bbl 65	Gas - MCF 60	Water - Bbl 201	Gas - Oil Ratio 923
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl 65	Gas - MCF 60	Water - Bbl 201	Oil Gravity - API - (Corr.) 41	

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

vented

Test Witnessed By

30. List Attachments

31. 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

Signature

Printed

Name

Greg Colburn

Title Staff Prod Eng Date 8/16/93

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 depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 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 12181'	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka 12494'	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 3154'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand 5245'	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs 8100'	T. Entrada _____	T. _____
T. Abo _____	T. Morrow 12772'	T. Wingate _____	T. _____
T. Wolfcamp 11102'	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology
3154	3280	126	Sand, Dolomite
9186	9662	476	Sand
11102	11584	482	Limestone, Chert & Sand
13194	13462	268	Sand, Shale