

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.

30-025-31959

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

VB-0374

7. Lease Name or Unit Agreement Name

Bighorn "30" State

8. Well No.

2

9. Pool name or Wildcat

East Red Tank (Bone Spring)

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 ☐

2. Name of Operator

Mitchell Energy Corporation

3. Address of Operator

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

4. Well Location

Unit Letter F: 2310 Feet From The North Line and 1650 Feet From The West Line

Section 30 Township 22S Range 33E NMPM Lea County

10. Date Spudded

7/8/93

11. Date T.D. Reached

7/27/93

12. Date Compl. (Ready to Prod.)

8/11/93

13. Elevations (DF & RKB, RT, GR, etc.)

3746' KB

3730' GR

14. Elev. Casinghead

3730'

15. Total Depth

10,491'

16. Plug Back T.D.

10,371'

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

8887-8906' Upper Bone Spring

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

GR/AIT/Sonic, GR/CNL/LDT, GR/CL/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
13 3/8"	54.5	500'	17 1/2"	600 sx "C"	
8 5/8"	32	4800'	12 1/4"	2150 sx 65/35 POZ-C + C	
5 1/2"	17	10490'	7 7/8"	1050 sx 35/65 POZ-H +	
				50/50 POZ-H	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	9061'	-

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

8887-8898' 0.4" perf dia 45 holes

8900-8906' 0.4" perf dia 25 holes

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

8887-8906' 2000 gals 15% NeFe acid

24000 gals gel + 81,400#

pre-cured resin coated

28. PRODUCTION

20/40 sand

Date First Production

8/11/93

Production Method (Flowing, gas lift, pumping - Size and type pump)

Pump 2 1/2" x 1 1/2" x 26'

Well Status (Prod. or Shut-in)

Prod

Date of Test

8/12/93

Hours Tested

24

Choke Size

open

Prod'n For Test Period

Oil - Bbl

183

Gas - MCF

263

Water - Bbl

41

Gas - Oil Ratio

1437

Flow Tubing Press.

300

Casing Pressure

300

Calculated 24-Hour Rate

Oil - Bbl

183

Gas - MCF

263

Water - Bbl

41

Oil Gravity - API - (Corr.)

40.6

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

vented

Test Witnessed By

Gary Butler

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

Greg Colburn

Printed

Name Greg Colburn

Title Staff Prod Engin Date 8/13/93

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 1050	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt 4615	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	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. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand 5000	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs 8708	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	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 8886 to 8910
 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	From	To	Thickness in Feet	Lithology
0	1050	1050	Redbeds				
1050	4615	3565	Salt				
4615	4920	302	Anhydrite				
4920	5000	80	Limestone				
5000	8708	3708	Sand, Shale, Limestone				
8708	10490	1782	Limestone, Shale, Sand				