

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

C. Cons.  
N.M. DIV-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210  
FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
Registration and Serial No.  
33437A

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Mitchell Energy Company L.P.

3. Address and Telephone No.

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980 FSL and 1980' FEL of Sec. 7, T-18-S, R-31-E

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Roche Federal #2

9. API Well No.

30-015-23537

10. Field and Pool, or Exploratory Area

N. Shugart, Bone Spring

11. County or Parish, State

Eddy County, New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☒ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

12-28-01 Set 5-1/2" CIBP @ 7658', cap w/ 35' of cmt. TOC @ 7623'.  
12-29-01 Circulate hole w/ 9.5# mud.  
12-29-01 Spot 25 sx "C" cmt. from 5307 to 5055'.  
01-03-02 Cut 5-1/2" Csg. @ 4600', csg. not free. Spot 25 sx "C" cmt. from 4655 to 4403'.  
01-03-02 Cut Csg. @ 3800', POOH LD csg.  
01-03-02 Spot 30 sx "C" cmt. inside csg. stub from 3860 to 3725', WOC & tag TOC @ 3705'.  
01-04-02 Spot 40 sx "C" cmt. from 2195 to 2069'.  
01-04-02 Spot 40 sx "C" cmt. from 705 to 579'. WOC & tag TOC @ 550'.  
01-04-02 Spot 20 sx "C" cmt. from 60' to surface.  
01-09-02 Cut off wellhead. Weld on dry hole marker.

RECEIVED  
OCD AR

14. I hereby certify that the foregoing is true and correct

Signed

Title Agent

Date 01/07/02

(This space for Federal or State office use)

(ORIG. SGD.) ALEXIS C. SWOBODA Title

PETROLEUM ENGINEER

Date

JAN 30 2002

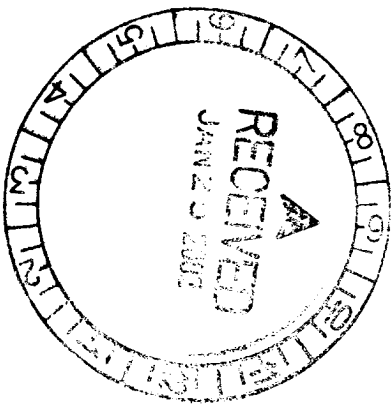
Approved by  
Conditions of approval, if any:

Accepted for record

only FEB 1 2002

swingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements

\*See Instruction on Reverse Side



Roche Federal #2  
Shugart, North Field  
Unit J, Sec 7, T18S, R31E  
Eddy Co., NM  
RWP 08/01  
Current

KB: 3631.8' by CBL  
GL: 3617.3'  
EL: 14.5'

API # 30-015-23537  
LWZ # 636902-1

40 SXS CEMENT PLUG 2195' TO 2069'

30 SXS CEMENT PLUG 3860' TO 3705'

25 SXS CEMENT PLUG 4655' TO 4403'

25 SXS CEMENT PLUG 5307' TO 5055'

CIBP @ 7658' W/35' CEMENT OF TOP

DOM at 8354' 05/16/97

Fill @ 8322' 1/16/94 and bailed 60' of  
formation sand.

PBTD 11807'  
TD 12042'

20 SXS CEMENT PLUG 60' TO 0'

40 SXS CEMENT PLUG 705' TO 550'

13-3/8", 54.5#, K-55, ST&C @ 654' 12/04/80.

cmt w/ 780 sxs. No mud or cmt returns. WO cmt 5 hrs. Ran 1" pipe to 230' and  
pumped 50 sxs RFC. 1 hr ran 1", tagged at 169' broke circ and pumped 130 sxs.  
Circ'd 20 sxs to pit.

DV tool @ 1702' 12/17/80. Circ'd 8 hrs. Cmt'd with 960 sxs 65/35 Poz and 200  
sxs Class C. Had full returns but no cmt to surface.

9-5/8", 43.5#, N-80 & S-95, LT&C @ 4587' 12/17/80

cmt w/ 2700 sx. Full returns. Open DV tool and circ'd 155 sxs cmt to pit.

04/22/97 found csg leak 5250-5312'. Cmt'd with a total of 350 sxs  
cmt. DO but still had 35' per hour of fluid entry.

TOC @ 7270' Appollo CBL 2/7/91

7708' - 7828' (142 holes), 2nd Bone Spring carbonate 2/9/91  
acidized w/ 13,000 15% NEFE tagged w/ Iridium.

Testing proved minimal carbonate prod, commingled with BS sand.

7865' (4 holes), sqz w/ 150 sx 02/05/91 pressure tested to 2000 psi 10 minutes

05/97 resqueezed 7865' but did not pressure test.

TOC @ 7970'

Perfd 8275' -8346' (20 holes), 2nd Bone Spring sand 6/5/87

Acidized w/ 5,000 gals 7.5% HCL. Frac'd w/ 100,000 gals & 180,000# sd

Final Report: 101 BOPD, 112 BWPD, Gas NA on pump.

8450' (4 holes), sqz w/ 150 sx 6/2/87

TOC @ 9927'

11402'-10' (17 holes), sqz w/ 75 sx 2/20/81

CIBP @ 11450' w/ 35' cmt on top 6/2/87

Perforated 11498'-11532' 3/7/81

Morrow tested 4.5 MMCFDG, 81 BCPD, 56.4 API, FTP 2072 psi  
on a 18/64" choke.

CIBP @ 11610' w/ 30' cmt on top 3/6/81

11622'-30' ( 16 holes) 3/81

5-1/2", 17 ppf N-80 Butt 0'-1245', 17 ppf N-80 LT&C 1245'-10,152'

20 ppf L-80 LT&C 10,152'-12,052' 01/31/81

cmt w/ 700 sx

