

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Mitchell Energy Company L.P. /

3a. Address P. O. Box 4000
The Woodlands, TX 77387-4000

3b. Phone No. (include area code)
(713) 377-5500

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

1980' FSL and 1980' FEL of Section 7, T18S, R31E

5. Lease Serial No.
NM 33437

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA/Agreement, Name and/or No.
N/A

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(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Unseat RHBC pump assembly and POOH. POOH with +/- 8344' of 2-7/8" 6.5 ppf N-80 tubing and tubing anchor. Set CIBP @ 7700' topped with 35' of cement. Displace hole with 9.5 ppg mud. RIH with 2-3/8" work string and spot 100' cement plug from 5300' to 5200'. Per Bureau of Land Management it is not necessary to tag plug. Establish free point and cut 5-1/2" 17 ppf n-80 casing +/- 4587'. POOH laying down 5-1/2" casing. Displace hole with 9.5 ppg mud. RIH with work string and spot 100' cement plug from 4637' to 4537' (50' in and above cut on 5-1/2" casing). Tag plug per BLM. PU and spot 100' cement plug from 704' to 604'. Tag plug per BLM. POOH with tubing and spot 5' cement surface plug in 9-5/8" casing. Cut casing at the base of cellar of 3' below restored ground level (whichever is deeper). Weld on P&A marker per BLM requirement.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

APPROVED
DEC - 7 2001
LES BABYAK
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Gene Sanderford

Signature

Title

Sr. Staff Engineering Tech

Date

November 12, 2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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'

Tubing Detail 05/01/98

245 joints 2-7/8" 6.5 ppf N-80 tbg
5-1/2" TA at 7648' +/-
21 joints 2-7/8" 6.5 ppf N-80 tbg
2-7/8" API SN
4' perf sub
1 joint 2-7/8" 6.5 ppf N-80 tbg
BP

Rod Detail 05/01/98

1-3/4" x 22' PR
2, 4 and 6' 1" pony rods
76 1" rods
97 7/8" rods
152 3/4" rods
8 - 1" rods
2-1/2" x 1-1/2 x 16' RHBC pump w/
1/2" x 4" sand screen

DOM at 8354' 05/16/97

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

PBTD 11807
TD 12042'

API # 30-015-23537

LWZ # 636902-1

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'

Perf'd 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