

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

Oil Cons. Division
119, 1st Street
Artesia, NM 88210-2934

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. TYPE OF WORK
DRILL ☐ DEEPEN ☒ 2001

2. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE TOWER ☐ MULTIPLE TOWERS ☐

3. NAME OF OPERATOR
Mitchell Energy Company L.P.

4. ADDRESS AND TELEPHONE NO.
P.O. Box 4000 The Woodlands, Texas 77387-4000

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface
1980' FSL and 1980' FEL
At proposed prod. zone

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
7 miles from Loco Hills, New Mexico 88255

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest orig. unit lps. if any) 1980'

8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
19. PROPOSED DEPTH 3660'-3670'

9. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB - 3631.8'

10. APPROX. DATE WORK WILL START*
ASAP

5. LEASE DESIGNATION AND SERIAL NO.
RECEIVED NM 33487A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. FARMOR LEASE NAME, WELL NO.
Roche Federal #2

8. AN WELL NO.
30-015-23537

9. FIELD AND POOL, OR WILDCAT
N. Shugart, Bone Spring

10. SEC. T. R. M., OR BLM. AND SURVEY OR AREA
Sec. 7, T 18S, R 31E

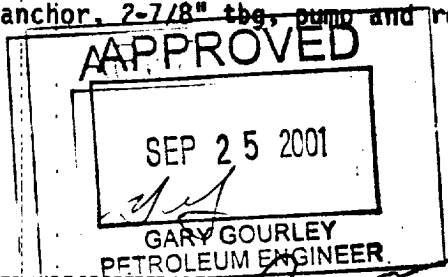
11. COUNTY OR PARISH
Eddy

12. STATE
NM

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	K-55, 13-3/8"	54.5	654'	780 SXS
12-1/4	N-80, 9-5/8"	43.5	4587'	2700 SXS
8-1/2	N-80, 5-1/2"	17 & 20	12,042'	700 SXS

POOH with rod assembly, pump, 245 jts 2-7/8" tbg and tbg anchor. RIH with CIBP for 5-1/2" casing and set @ 7700' with 35' of cmt on top. Load hole with 9.5 # mud. RIH with work string and spot 100' cmt plug from 5200' to 5100' and 100' cmt plug from 4637' to 4537'. POOH. RIH and perforating gun and perforate from 3660' to 3670' w/6 spf. POOH. Frac well. RIH with tbg anchor, 2-7/8" tbg, pump and rod assembly. Place well on production



SUBMIT 3160-4 COMPLETION REPORT
WIN 30 days OF TEST. - OR - COMPLETE
P&A PROCEDURE IF PRODUCING IS NOT
AN OPTION

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen, or deepen directionally, give pertinent data on subsurface locations and directional aspects.

ed new productive zone. If proposal is to drill or
a, if any.

SIGNED Gene Sanderford

technician 9/19/01

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval 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.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

DATE

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the