

N. M. Oil Cons. Division

Form 3160 3
(December 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL. E*
(Other instructions on
reverse side)

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. TYPE OF WORK
DRILL ☒ DEEPEN ☐

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

3. NAME OF OPERATOR
Stevens & Tull, Inc.

4. ADDRESS AND TELEPHONE NO.
P.O. Box 11005, Midland, Texas 79702

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
660' FNL & 660' FWL
At proposed prod zone
660' FNL & 660' FWL

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
31 Miles NW of Carlsbad

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
660'

8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
8400

9. ELEVATIONS (Show whether DF, RT, GR, etc.)
4443 GR

10. NO. OF ACRES IN LEASE
233.79 (Unit-474.88)

11. NO. OF ACRES ASSIGNED TO THIS WELL
233.79

12. ROTARY OR CABLE TOOLS
Rotary

13. APPROX. DATE WORK WILL START
8/1/98

5. LEASE DESIGNATION AND SERIAL NO.
NM-82831

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
Sweet Thing Federal Unit

8. FARM OR LEASE NAME WELL NO.
Sweet Thing Federal Unit

9. AM WELL NO.
Unknown 30-015-30338

10. FIELD AND POOL, OR WILDCAT
Little Box Canyon Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 31, T-20 1/2-S, R-22-E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

SUBJECT TO
LIKE APPROVAL
BY STATE

PROPOSED CASING AND CEMENTING

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8" - J55	48	300'	455 sx - circulate
12 1/4"	9 5/8" - J55	36	1300'	295 sx - circulate
8 3/4"	7" - N80	23 and 26	8250'	625 sx -

1. Drill 17 1/2" hole to approximately 300' with fresh water mud.
2. Set 13 3/8" casing and circulate cement to surface.
3. Drill 12 1/4" hole to approximately 1300' with fresh water mud.
4. Set 9 5/8" casing and circulate cement to surface - WOC 12 hours.
5. Install and test BOP's to 3000 PSI for 30 minutes.
6. Drill 8 3/4" hole to 4500' with fresh water mud. From 4500' to 8250' use 4% KCL.
7. Set 7" casing to 8250' or if dry hole, plug and abandon as per NMOCDBLM requirements.

Post ID-2
7-17-98
API & Loc

NSL-

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED: [Signature] TITLE: Engineer DATE: 6/10/98

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: (ORIG. SGD.) ARMANDO A. LOPEZ TITLE: Acting Assistant Field Office Manager, Lands and Minerals DATE: 7-10-98

*See Instructions On Reverse Side