

N. M. Oil Cons. Division

S. 1ST ST.

ARTEZIA, NM 88210-2834

Form 3160-3
(July 1992)SUBMIT IN TRIPPLICATE*
(Other Instructions on
reverse side)FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

St Mary Land and Exploration Company 154903

3. ADDRESS AND TELEPHONE NO.

c/o Coastal Mgmt Corp. P. O. Box 2726 915)688-0700
Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1780 990
1980 FWL & 660 FNL
At proposed prod. zone

Unit C Lot 3

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5 miles South/Southeast of Malaga, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660

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

1320'

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

5100'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

2932 GL

22. APPROX. DATE WORK WILL START*

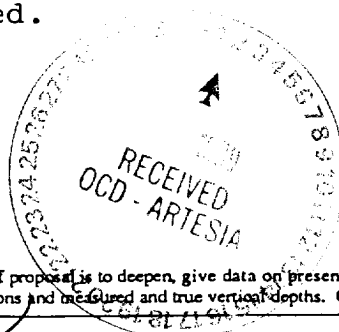
9/15/99

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	550 I	310 sxs Class "C"
7-7/8"	5-1/2"	15.5#	5100 ±	1535 sxs Class "C"

Pre-set conductor casing as necessary to preclude sloughing/caving of surface materials. Drill 12-1/4" hole to 550-575' w/FW mud. Run 8-5/8" casing and cement to surface. Install BOP stack consisting of 2 rams, and a bag type annular, test to WP before drilling out. Drill 7-7/8" hole to 4700'± w/10# brine. RU mud logger, mud up to controll water loss, drill thru Gensstone and "C" sands of Brushy Canyon (Delaware) sandstone. Run electric logs, and if appropriate run 5-1/2" casing to TD and cement to surface using multiple stage cementing tool if required.



Post ID-1
9-10-99
API & LOC

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.

24.

SIGNED Otto SvendsenTITLE Operations Engineer

DATE

8/14/99

(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 FOR 1 YEAR

Acting Assistant Field Office Manager,
Lands and Minerals

APPROVED BY /S/LARRY D. BRAY

TITLE _____

DATE

9-1-99

