

UNITED
DEPARTMENT OF
BUREAU OF LANDSOPER OGRID NO. 6742
PROPERTY NO. 24123
POOL CODE 59930
DATE 2/1/99
APPROV. NO. 30-025-33862.TE*
nFORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT

1A. TYPE OF WORK

DRILL ☒ re-entry DEEPEN ☒

B. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Echo Production, Inc.

3. ADDRESS AND TELEPHONE NO.

PO Box 1210, Graham, TX 76450 (940) 549-3292

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

At surface

990' FSL & 330' FEL

At proposed prod. zone

990' FSL & 330' FEL

Unit P

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

45 miles west of Jal, New Mexico

15. DISTANCE FROM PROPOSED*

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

330'

16. NO. OF ACRES IN LEASE

480

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

4150'

19. PROPOSED DEPTH

9100

20. ROTARY OR CABLE TOOLS

rotary

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

3660 GR

22. APPROX. DATE WORK WILL START*

Jan. 25, 1999

23.

PROPOSED CASING AND CEMENT

CARLSBAD-CONTROLLED WATER BASIN

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8" H-40	48#	625'	800 sacks - circ
11"	8 5/8" J-55	24# & 32#	4874'	1656 sacks - circ
7 7/8"	4 1/2" K-55	10.5# & 11.6#	8400'	suff. to reach 7500' - + 300 ft ³ tieback to intermediate

Well was drilled to TD of 9000' by Strata Production Company in 5/97 with the 13 3/8" and 8 5/8" casing strings being set and cemented as shown above. Well was plugged by setting cement plugs at surface, 580-670', 4820-4920', 5900-6100', and 8770-8970'. Echo Production proposes to re-enter well, drill out all cement plugs except that at 8770-8970', set 4 1/2" casing at + 8400' and complete the well in the Delaware Sand at approximately 8200'. The well will be cemented with sufficient volume to insure the TOC above 7500'.

Surface use plans, location plats and access roads were previously submitted by Strata Production. Echo will use pad previously built for all operations. Drilling mud necessary for re-entry operations will be consistent with that used during drilling operations which was sufficient for total well control. Since no well control problems were indicated previously a 3000 psi BOP will be utilized during re-entry operations. Will use a closed mud system with a reverse unit to clean out so reserve pit will not be needed.

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 zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program.

24.

SIGNED

TITLE Operations Manager

DATE 1/12/99

(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:

(ORIG. SGD.) ARMANDO A. LOPEZ

Acting

Assistant Field Office Manager,
Lands and Minerals

JAN 29 1999

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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.