

CISF

UNITED 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
DEVON-SFS OPERATING, INC. 20305 (WALLY FRANK) 405-552-45953. ADDRESS AND TELEPHONE NO. 20 NORTH BROADWAY SUITE 1500
OKLAHOMA CITY, OKLAHOMA 73102-8260 405-552-4595

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

1578 2020' FNL & 860' FEL SEC. 6 T22S-R26E EDDY CO. NM
At proposed prod. zone SAME W. H.14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 3 miles West of Carlsbad New Mexico15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 860'18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 2540'16. NO. OF ACRES IN LEASE
56019. PROPOSED DEPTH
11,600'17. NO. OF ACRES ASSIGNED
TO THIS WELL 32020. ROTARY OR CABLE TOOLS
ROTARY21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3335' GR.22. APPROX. DATE WORK WILL START*
WHEN APPROVED

PROPOSED CASING AND CEMENTING PROGRAM

Carlsbad Controlled Water Basin

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	H-40 13 3/8"	48	500'	460 Sx. circulate cement to sur.
12 1/2"	J-55 9 5/8"	36	2400'	795 Sx. " " " "
8 3/4"	L-80, J-55 7"	26	10,000'	601 Sx.
6 1/8"	L-80 4 1/2"	11.6 liner	11,600'	217 Sx.

1. Drill 17 1/2" hole to 500'. Run and set 500' of 13 3/8" H-40 48# ST&C casing. Cement with 460 Sx. of Class "C" cement. 210 Sx. of 35:65:6 POZ 2% CaCl, 1/4# Flocele/Sx., + 6% Bentonite, tail in with 250 Sx. of Class "C" cement + 2% CaCl + 1/4# Celoflakes/Sx. circulate cement.
2. Drill 12 1/2" hole to 2400'. Run and set 2400' of 9 5/8" 36# J-55 LT&C casing. Cement with 200 Sx. of Class "C" 35/65 POZ + 5% NaCl + 1/4# Celoflakes/Sx. + 10# LCM /Sx. + 6% Bentonite, 345 Sx. of Class "C" + 5% NaCl, 1/4# Celoflakes/Sx + 6% Bentonite, tail in with 250 Sx. of Class "C" + 2% CaCl. circulate cement to surface.
3. Drill 8 3/4" hole to 10,000'. Run and set 10,000' of 7" 26# L-80 & J-55 LT&C casing. Cement with 601 Sx. of Class "C" 60/40 POZ + 2% NaCl, + .15% R-3, + 1/4# Celoflakes/Sx. + 4% MPA-1 Estimate top of cement 5000' from surface.
4. Drill 6 1/2" hole to 11,600'. Run and set a 1900' 4 1/2" 11.6# L-80 LT&C liner hang at 9700'±. Cement with 217 Sx. of 15:61:11 POZ Class "C" cement + 3%BWOW KCl + 1%EC-1 + 1/4# Celoflake/Sx. + 3% CD-32 + .65% FL-25 + .65% FL-52. Cement to top of liner.

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 Joe G. Lara TITLE Agent

DATE 04/17/02

(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 land which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

/S/ JOE G. LARA

TITLE

ACTING FIELD MANAGER

DATE

MAY 31-2002

*See Instructions On Reverse Side

APPROVAL FOR 1 YEAR

RECEIVED
APR 18 02
PLM
ROSWELL, NM