

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒ Re-Entry DEEPEN ☐

b. TYPE OF WELL

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

2. NAME OF OPERATOR

SANTA FE SNYDER CORP.

3. ADDRESS AND TELEPHONE NO.

550 W. Texas, Suite 1330; Midland, TX 79701 (915) 682-6373

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

At surface

(K) 1650' FSL & 1650' FWL

At proposed prod. zone

SWD: Subject to
like Approval
By State

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

17 1/2 miles West of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

1650'

18. DISTANCE FROM PROPOSED LOCATION*

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

3131'

16. NO. OF ACRES IN LEASE

1240

19. PROPOSED DEPTH

11300'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

0

20. ROTARY OR CABLE TOOLS

Rotary

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

3818 GR

Roswell Controlled Water Basin

22. APPROX. DATE WORK WILL START*

May 15, 1995

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	H-40 13 3/8"	48.0	187'	300 sx (Circ) (Csg in place)
12 1/4"	J-55 8 5/8"	32.0	1953'	700 sx (Circ) (Csg in place)
7 7/8"	K-55, L-80 5 1/2"	17.0	11300'	TOC @ 6000'

We propose to re-enter the former Solar Oil Company, Harben Federal #1 and deepen to a depth sufficient to penetrate the Devonian/Montoya formations. If sufficient porosity and permeability are encountered 5 1/2" casing will be run to TD and the well completed as a salt water disposal well. Specific programs as per Onshore Oil and Gas Order No. 1 are outlined in the following attachments:

Drilling Program

Exhibit A - Operations Plan
Exhibit B - BOP & Choke Manifold
Exhibit C - Drilling Fluid Program
Exhibit D - Auxiliary Equipment
Exhibit E - Topo Map of Location

Exhibit F - Plat showing Existing Wells

Exhibit F (A) - Plat of Location

Exhibit F (B) - Well Site Layout

Surface and Operations Plan

H₂S Drilling Operations Plan

Approval Subject to
General Requirements and
Special Situations

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on existing 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 shut-in pressure program, if any.

24.

SIGNED

James G. Phil Stinson

TITLE

Agent for Santa Fe Energy

DATE

4-21-95

(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

AUG 9 1995

*See Instructions On Reverse Side

Well is cancelled in
comp —
Should not be —
This is an old PrAd
well
