

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Conoco INC

3a. Area Code & Phone No.

3. ADDRESS OF OPERATOR

10 Desta DR. West Milford TX 79705

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

At surface

2130' FSL & 1980' FEL

At proposed prod. zone

San Andres

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

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

5160'

20. ROTARY OR CABLE TOOLS

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

GR 3525'

22. APPROX. DATE WORK WILL START*

PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT*
17-1/2"	13-3/8"	48#	H-40		415	400 SXS
12-1/4"	8-5/8"	32#	K-55		3904	2600 SXS
7-7/8"	5-1/2"	17#	K-55		7754	850 SXS

It is proposed to convert this well from a shut-in oil well, in the Monument Tubb Oil Pool, to saltwater disposal in the San Andres Formation. OCD Order No. R-9327 (copy attached) has approved SWD in this well bore. This conversion is proposed according to the following procedure:

1. Run bit and casing scraper to 6388'
2. Set a CIBP at 6320'
3. Pressure test casing to 500 psi
4. Spot 115 sxs cement on CIBP from 6320' to 5160'
5. Perforate San Andres from 4676' - 5084' w/2 JSPF
6. Acidize San Andres with 20,000 gals 15% HCL-NE-FE
7. Run and set injection packer at 4640'
8. Commence injection

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 Jerry W. Hoover TITLE Regulatory Coordinator DATE 1/14/91

(This space for Federal or State office use)

PERMIT NO. One APPROVAL DATE 1/14/91

APPROVED BY _____ TITLE _____ DATE 1/14/91

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 10107
ORDER NO. R-9327

APPLICATION OF CONOCO INC.
FOR SALT WATER DISPOSAL,
LEA COUNTY, NEW MEXICO

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on October 3, 1990, at Santa Fe, New Mexico, before Examiner Jim Morrow.

NOW, on this 19th day of October, 1990, the Division Director, having considered the testimony, the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, Conoco Inc., is the owner and operator of the SEMU Well No. 95, located 2130 feet from the South line and 1980 feet from the East line (Unit J) of Section 23, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) The applicant proposes to utilize said well to dispose of produced salt water into the San Andres formation, with injection into the perforated interval from approximately 4160 feet to 5020 feet.

(4) The injection should be accomplished through 2 3/8-inch plastic-lined tubing installed in a packer set at approximately 4130 feet; the casing-tubing annulus should be filled with an inert fluid; and a pressure gauge or approved leak detection device should be attached to the annulus in order to determine leakage in the casing, tubing or packer.

(5) Prior to commencing injection operations, the casing in the subject well should be pressure-tested throughout the interval from the surface down to the proposed packer setting depth, to assure the integrity of such casing.

-3-

Case No. 10107
Order No. R-9327

(3) The Director of the Division may authorize an increase in the injection pressure upon a proper showing by the operator that such higher pressure will not result in migration of the injected waters from the San Andres formation.

(4) The operator shall notify the supervisor of the Hobbs district office of the Division of the date and time of the installation of disposal equipment and of the mechanical integrity pressure test in order that the same may be witnessed.

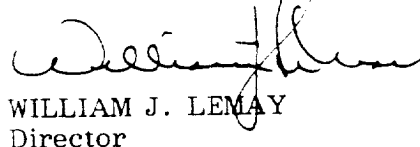
(5) The operator shall immediately notify the supervisor of the Division's Hobbs district office of the failure of the tubing, casing or packer in said well or the leakage of water from or around said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

(6) The applicant shall conduct disposal operations and submit monthly reports in accordance with Rules 702, 703, 704, 705, 706, 708 and 1120 of the Division Rules and Regulations.

(7) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY
Director

S E A L

dr/