

OPER. OGRID NO. 15757
PROPERTY NO. 21539
POOL CODE 96141
EFF. DATE 9/9/97
API NO. 30-025-03352DEPARTMENT
BUREAU

APPLICATION FOR

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

SIGNATURE AND SERIAL NO.

86172

IN, ALLOTTEE OR TRIBE NAME

1A. TYPE OF WORK

DRILL ☒DEEPEN ☐

B. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☐

X OTHER SWD Well

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Manzano Oil Corporation

505/623-1996

3. ADDRESS AND TELEPHONE NO.

P. O. Box 2107

Roswell, NM 88202

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

1980' FSL & 660' FEL

At proposed prod. zone

Same

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

22 miles SW of Hobbs, NM

10. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

360

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.

1320'

19. PROPOSED DEPTH

4,158'

20. ROTARY OR CABLE TOOLS

Work over rig

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

3698.93

22. APPROX. DATE WORK WILL START*

July 11, 1997

23.

PROPOSED CASING AND CEMENT

LEA COUNTY CONTROLLED WATER BASIN

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8" J-55	32.0#	305'	Exists in hole 225 sx circ.
7 7/8"	5 1/2" J-55	15.5#	4,158'	Circ. 1200 sx "C"

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

MUD PROGRAM:

0' - 305': Fresh water:

305' - 4158': Fresh water mud/Nat Brine:

MUD WT.

8.6 ppg

8.6 ppg

VIS.

29

32

W/L Control

No W/L control.

No W/L control.

BOP PROGRAM:

A 10" 3000 psi wp Schaffer Type E double hydraulic BOP will be installed on the 8 5/8" casing. Casing and BOP will be tested before drilling out with 7 7/8". The BOP will be used as a 2000 psi wp system and will be tested daily. See Exhibit "E".

Note: Propose to re-enter well, drill out plugs and install 5 1/2" casing to a depth of 4,158'. Will perforate casing between 3,935' to 4,065' to be used as a salt water disposal well.

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

Gregory Smith

TITLE

Agent for:
Manzano Oil Corp.

DATE

June 19, 1997

(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

Armando Lopez

DATE

7/2/97

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
 Revised 5/1/57

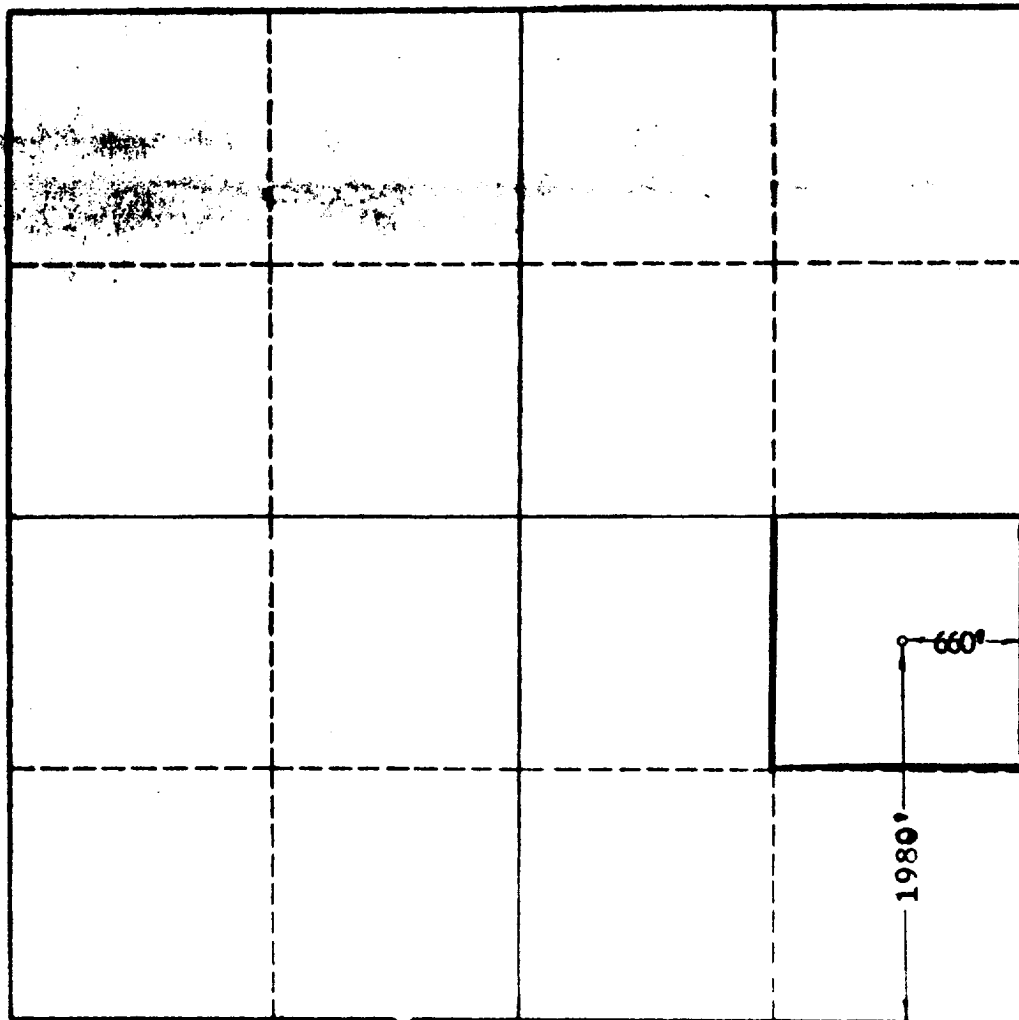
SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

Operator: DEANE H. STOLTZ		SECTION A	
Operator: DEANE H. STOLTZ	Lease: Federal Hudson	Well No. XXXX #1	
Unit: I	Section: 17	Township: 20S	Range: 35E County: Lea
Actual Footage Location of Well: 1980 feet from the South line and 660 feet from the East line			
Ground Level Elev. 3691.93	Producing Formation Seven Rivers	Pool Wildcat	Dedicated Acreage: 40 Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (25-2-29 (e) NMSA 1955 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communication agreement? YES ☐ NO ☐ If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name **Deane H. Stoltz**
 Agent
 Position
DEANE H. STOLTZ
 Company
6/30/60
 Date

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

ENGINEER & LAND SURVEYOR
 STATE OF NEW MEXICO
 Date Surveyed **6/15/60**
 Registered Professional Engineer and Land Surveyor **JOHN W. WEST**
 Certificate No. **1000**
 N. M. E. & L. S. NO. 879

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

APPLICATION FOR DRILLING

MANZANO OIL CORPORATION
Appleseed SWD Federal, Well No. 2
1980' FSL & 660' FEL, Sec. 17-T20S-R35E
Lea County, New Mexico
Lease No.: NM-86172
(Salt Water Disposal Well)

In conjunction with Form 3160-3, Application for Permit to Drill subject well, Manzano Oil Corporation submits the following items of pertinent information in accordance with BLM requirements:

1. The geologic surface formation is recent Permian with quaternary alluvium and other surficial deposits.
2. The estimated tops of geologic markers are as follows:

Rustler	1255'	Yates	3675'
Top/Salt	2250'	Seven Rivers	3848'
Base/Salt	3500'	T.D.	4158'

3. The estimated depths at which water, oil or gas formations are anticipated to be encountered:

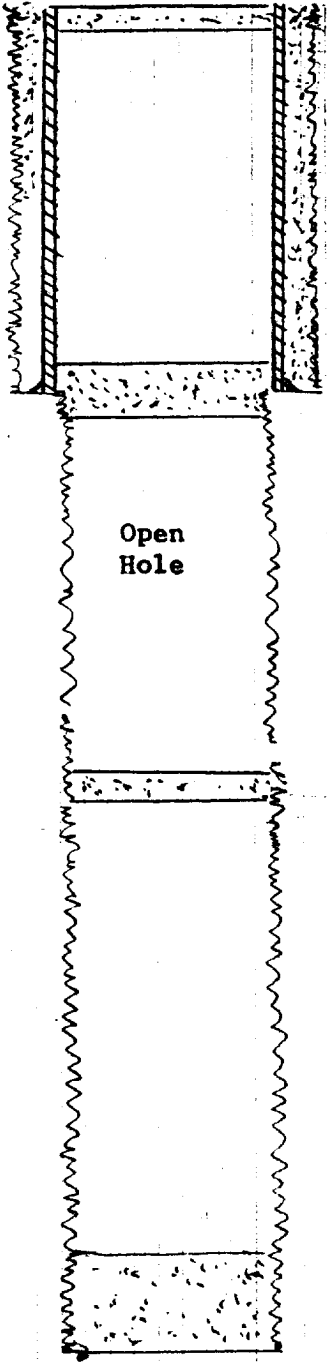
Water: Surface water between 100' - 300', behind casing.

Oil: None.

Gas: None expected.

4. Proposed Casing Program: See Form 3160-3.
5. Proposed Control Equipment: See Form 3160-3 and Exhibit "E".
6. Mud Program: See Form 3160-3.
7. Auxiliary Equipment: Blowout Preventer, gas detector, Kelly cock, pit level monitor, flow sensors and stabbing valve.
- T. Testing, Logging, and Coring Program:
 - Drill Stem Tests: None.
 - Logging: None in open hole. G/R Neutron in cased hole: T.D. to 2650'.
 - Coring: None.
9. No abnormal pressures or temperatures are anticipated. In the event abnormal pressures are encountered the proposed mud program will be modified to increase the mud weight. Estimated: BHP = 1650 psi, BH temp. = 105°.
10. H₂S: None expected based on previously drilled wells.
11. Anticipated starting date: July 11, 1997.
Anticipated completion of drilling operations: Approx. 1 week.

EXHIBIT APD "A"
 MANZANO OIL CORPORATION
 Appleseed SWD Federal, Well No. 2
 (Hudson Federal, Well No. 1)
 1980' FSL & 660' FEL, Sec. 17-T20S-R35E
 P & A Date: 7/19/60
 Lease No.: NM-86172

PLUGGING	EXISTING CASING AND PLUGS	BIT	CASING	DEPTH	CEMENT
Spot 10 sx @ surface		12 1/4"	8 5/8"	305'	225 sx
Spot 20 sx 261 - 305'					
Spot 40 sx 1861 - 1986'		7 7/8"	None		
Spot 100 sx 3810 - 4158' T.D. = 4158'					

BLOWOUT PREVENTOR ARRANGEMENT

2M SYSTEM

10" SHAFFER TYPE "E", 3000 psi WP

80 GALLON, 4 STATION KOOMEY ACCUMULATOR

3000 psi WP CHOKE MANIFOLD

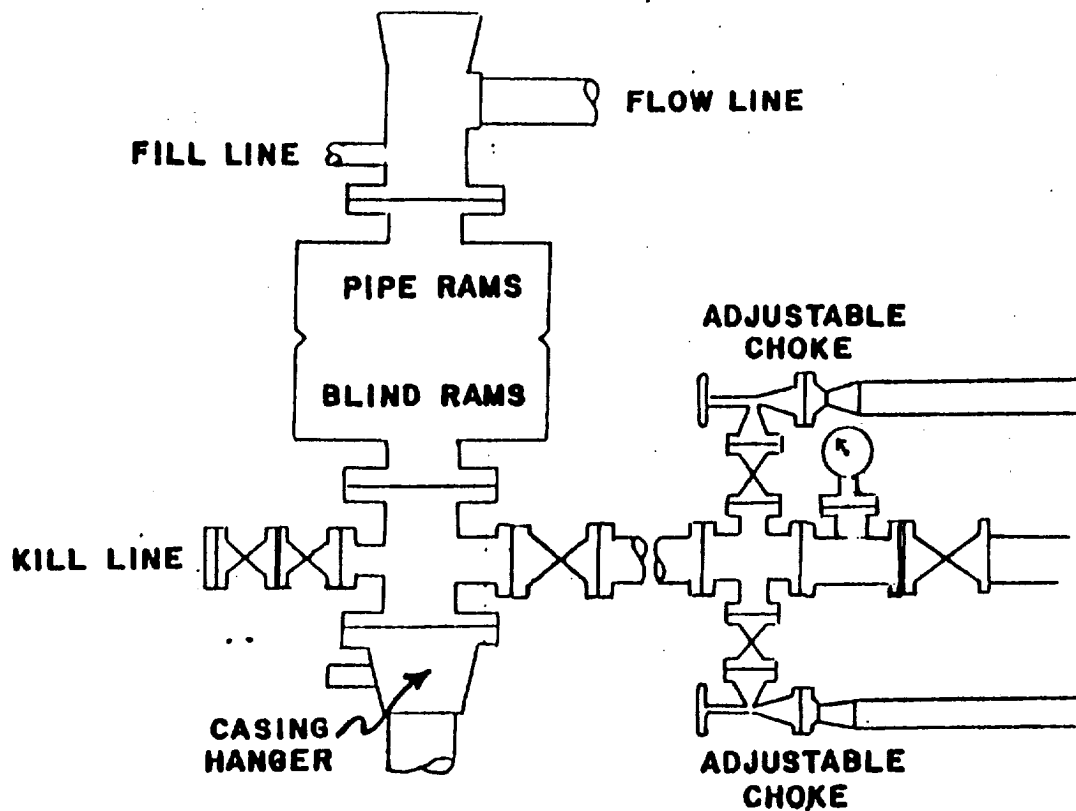


EXHIBIT "E"

MANZANO OIL CORPORATION
Appleseed SWD Federal, Well No. 2
BOP Specifications

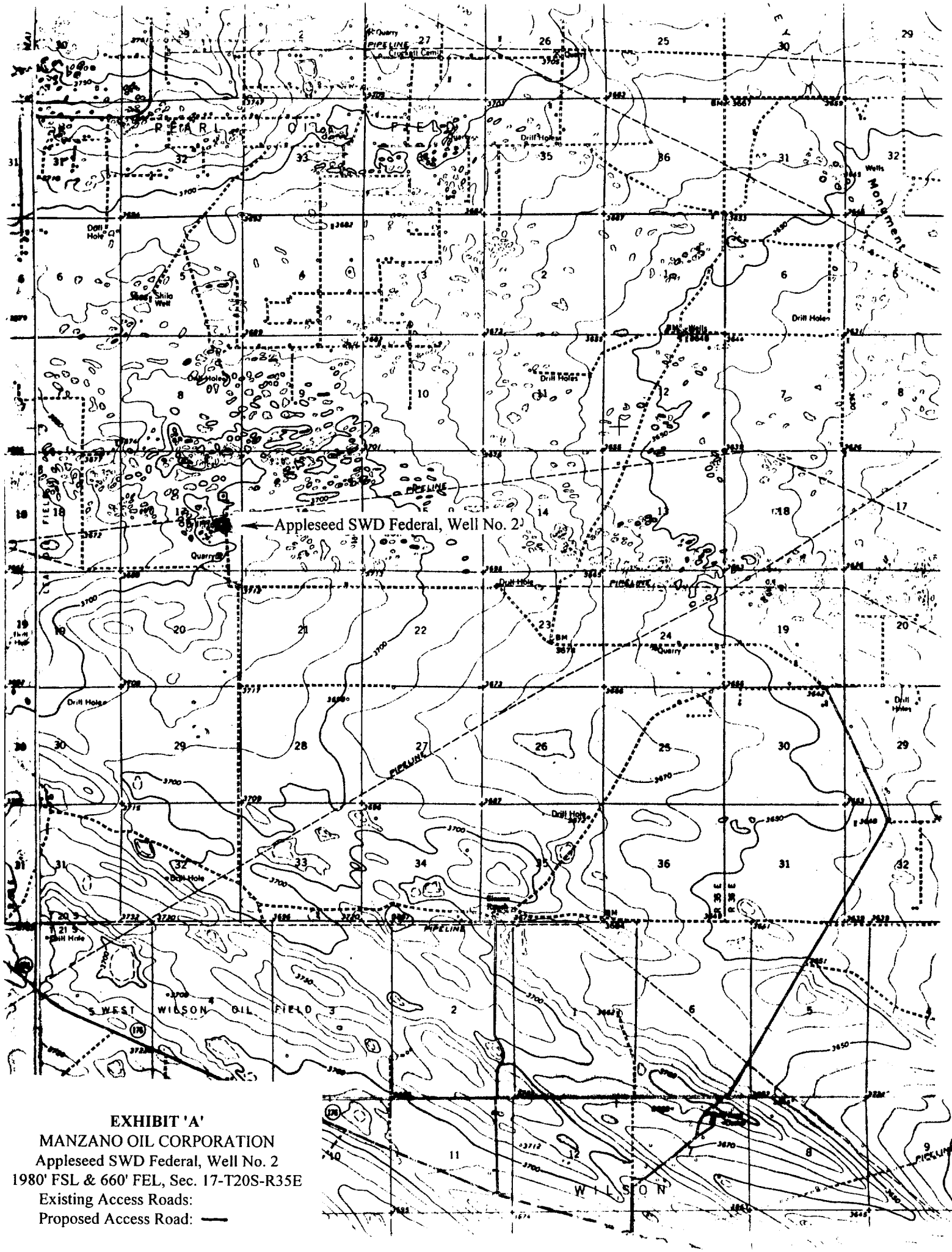


EXHIBIT 'A'

MANZANO OIL CORPORATION

Applesseed SWD Federal, Well No. 2

1980' FSL & 660' FEL, Sec. 17-T20S-R35E

Existing Access Roads:

Proposed Access Road: —

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
P.O. Box 1980
Hobbs, NM 88241

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

6-27-97 AM

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other **Salt Water Disposal Well**

2. Name of Operator

Manzano Oil Corporation

3. Address and Telephone No.

P.O. Box 2017 Roswell, NM 88202 (505)623-1996

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FSL & 660' FEL, Sec 17-T20S-R35E

5. Lease Designation and Serial No.
NM-86172

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Appleseed SWD Federal, #2

9. API Well No.

10. Field and Pool, or Exploratory Area

N/A (Lynch Penn)

11. County or Parish, State

Lea

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☒ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Propose to re-enter P & A well, Hudson Federal, Well No. 1, drill out plugs to T.D. of 4,158 ft., set casing (5 1/2") to T.D., perforate between 3985 - 4065' for water disposal. Application is being made for water disposal well with the State of New Mexico.

RECEIVED
1997 JUN 20 P 1:25
BUREAU OF LAND MANAGEMENT
ROSWELL OFFICE

14. I hereby certify that the foregoing is true and correct

Signed George Smith

Agent for:

Title Manzano Oil Corporation

Date June 19, 1997

(This space for Federal or State office use)

(ORIG. SGD.) **ARMANDO A. LOPEZ**

Title Acting ADM, MINERALS

Date 7-2-97

Approved by _____
Conditions of approval, if any:

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.

*See Instruction on Reverse Side