

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 ☐ **RE-Entry**  
 2. NAME OF OPERATOR **See note.**

3. ADDRESS OF OPERATOR  
**Ruth Ross**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface **P.O. Box 464 Santa Fe, NM 87501**

At proposed prod. zone **347 FNL 565 FNL 336**

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

**About 7 miles SE of Torreon Trading Post.**

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
 (Also to nearest drlg. unit line, if any) **330+336'**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
**630'**

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

DRILLING OPERATIONS AUTHORIZED ARE **At 6512 CR**

23. SURVEY TO BE MADE WITH ATTACHED PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See below				

5. LEASE DESIGNATION AND SERIAL NO.  
**NM 12812**  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
 9. WELL NO.  
**#1 South San Luis**  
 10. FIELD AND POOL, OR WILDCAT  
**South San Luis**  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Section 34 NW NW**  
 12. COUNTY OR PARISH  
**Sandoval**  
 13. STATE  
**New Mex.**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**  
 20. ROTARY OR CABLE TOOLS  
**Combination air & Calbe tls.**  
 22. APPROX. DATE WORK WILL START  
**December 12, 1980**

When originally drilled, this well was named El Pameo Demas (Formerly Myra) #1, and was said to be 330 FNL and 330 FNL.

The well is reported to have been drilled 6 1/4 " hole to 550' and cased to total depth with 45 sx circulated to surface. 4.5" casing.

We plan to drill out the plugs and test the South San Luis pay sand for oil. The oil pay sand should top about 360'. The test started in the Mesaverde at the surface.

I believe we can get an Electric Log that has already been made on this well.

**ILLECIBLE**

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.

24. SIGNED **James F. Sims** TITLE **Agent** DATE **Dec. 5, 1980**

(This space for Federal use)  
**APPROVED AS AMENDED**

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY **DEC 29 1980** TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
**JAMES F. SIMS**  
 DISTRICT ENGINEER

*joint w/ #2* *ch 3*

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Operator <i>Ruth Ross</i>		Lease <i>South San Luis N/M 12 812</i>		Well No. <i>#1</i>
Unit Letter <i>D</i>	Section <i>34</i>	Township <i>18N</i>	Range <i>3 W</i>	County <i>Sandoval</i>
Actual Footage Location of Well: <i>347</i> feet from the <i>North</i> line and <i>336</i> feet from the <i>West</i> line				
Ground Level Elev. <i>6412 6512</i>	Producing Formation <i>Mesquite</i>	Pool <i>South San Luis</i>	Dedicated Acreage: <i>40</i> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

347'

336'

ILLECIBLE

REGISTERED LAND SURVEYOR  
STATE OF  
NO. 1161  
NEW MEXICO  
RICHARD W.M. AMERICAN

## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name *Thomas H. Chase*Position *Agent*

Company \_\_\_\_\_

Date *12/5/80*

I hereby certify that the well location shown on this plat 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.

December 4, 1980

Date Surveyed  
*Richard W.M. American*Registered Professional Engineer  
and/or Land Surveyor

NM # 1161

Certificate No.

## SOURCE OF CONSTRUCTION MATERIALS

Construction materials will be brought from commercial suppliers--there are no suitable sand, gravel etc. or timber present in the area.

## METHODS FOR HANDLING WASTE DISPOSAL

These holes will be drilled primarily with air. Cuttings will be buried and the small pit provided for any cable tool work will be properly leveled and reseeded when the rig moves out. Fencing will be provided for protection around pits while awaiting clean-up.

## ANCILLIARY FACILITIES

No camps or airstrips will be required at this time.

## WELL SITE LAYOUT

Plat attached.

We will not use much in the way of pits and they will be unlined.

## PLANS FOR RESTORATION OF SURFACE

No ground disturbance will be done that will require appreciable backfilling--except at Well #3-. We will level all ground disturbance and at Well #3 where there are a number of gullies some 4 or 5 feet deep which will have to be filled in prior to moving in the rig we can do this without making large cuts into surrounding hillsides that would require backfilling.

Revegetation and rehabilitation will be accomplished according to BLM recommendations.

When rig is released, we will fence all pits until final cleanup.

## OTHER INFORMATION

The topography is quite varied. Fortunately, the well locations worked out so that practically no ground disturbance is necessary except at Well #3 where gullies will have to be filled in order to maintain the well spacing. The surface strata are the Mesaverde.

The other surface use activity is that of the rancher who owns the surface and there are numerous roads used by the pipeline people.

LESSEE'S OR OPERATOR'S REPRESENTATIVE

Thomas D. Chace  
P. O Box 464  
Santa Fe NM 87501  
Phone 983 6751

OR

Leon Messer  
Leon's Drilling  
Cuba, New Mexico  
289 ~~0482~~ 3875

CERTIFICATION

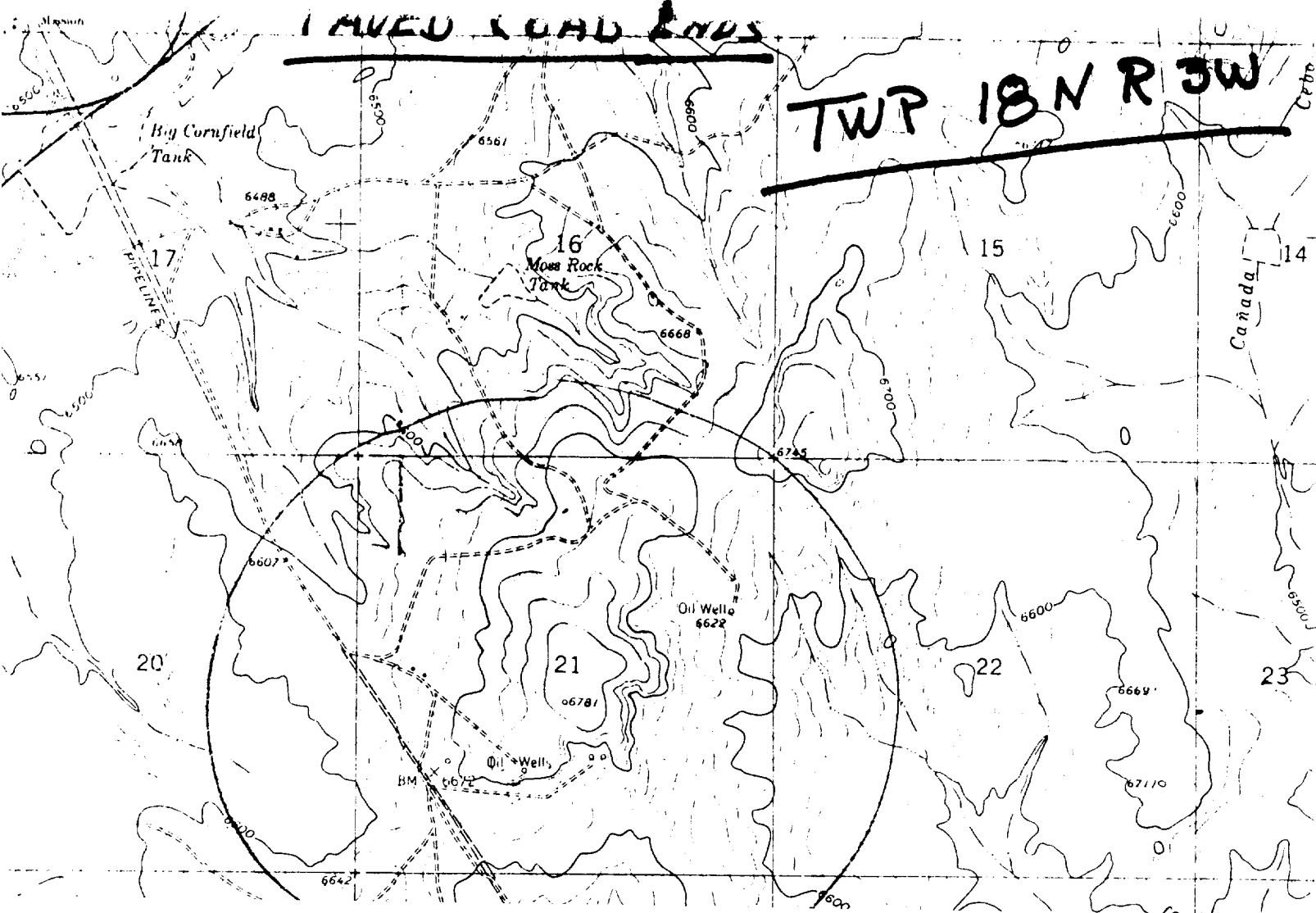
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsites and access route; that I am familiar with the conditions that presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Thomas D. Chace, Leon Messer and others and their contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

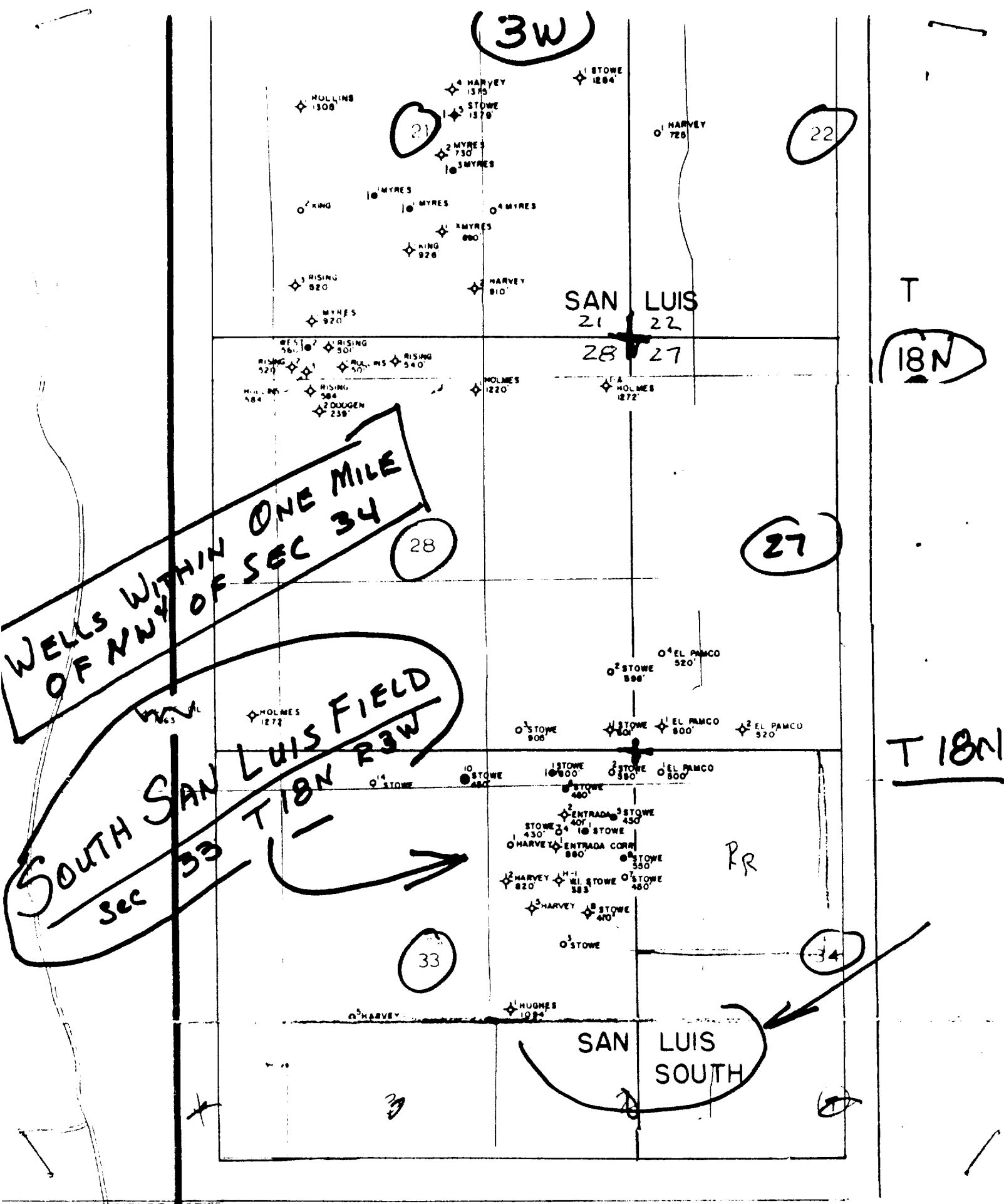
December 5, 1980

*Thomas D. Chace*

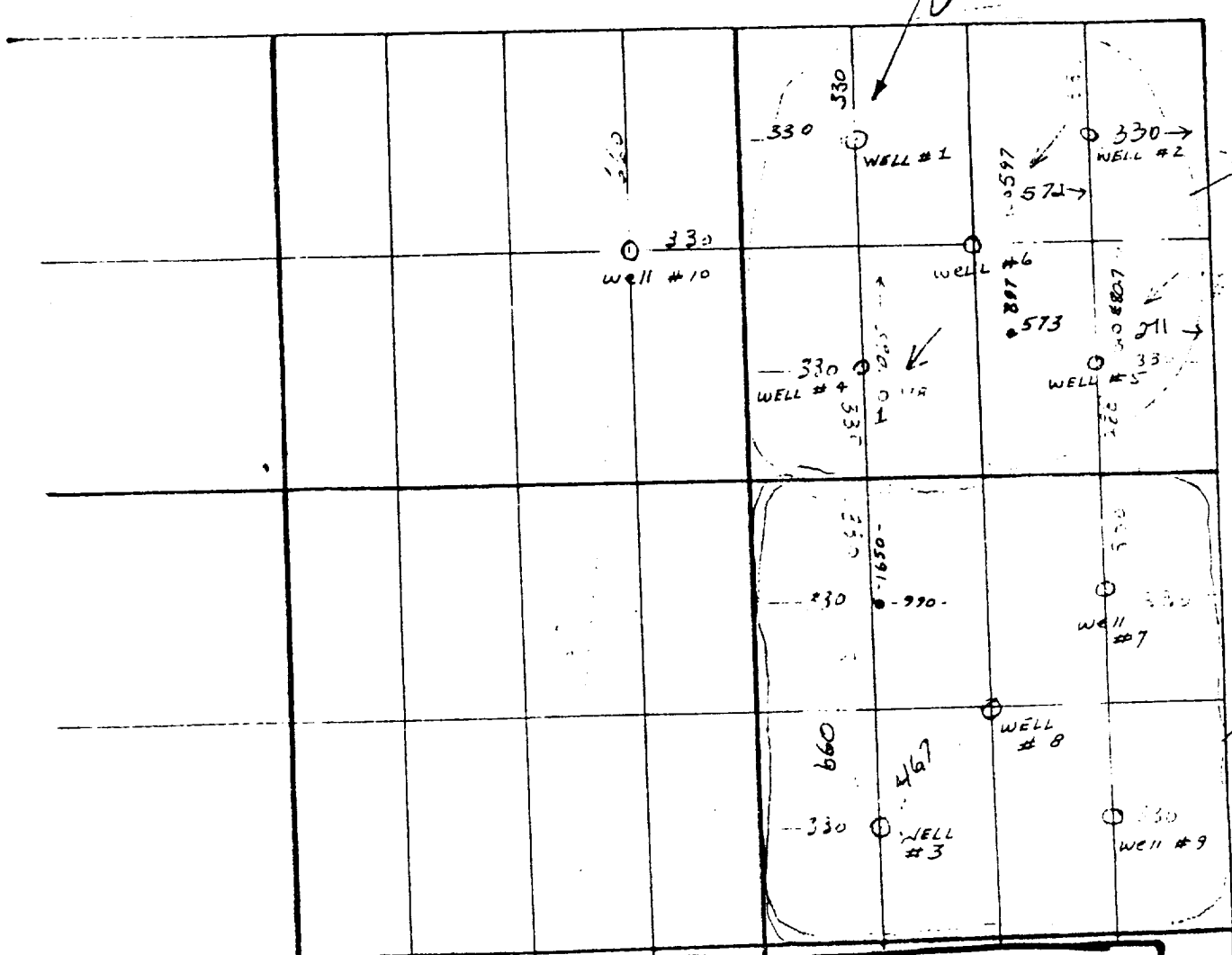
Thomas D. Chace  
Agent

TWP 18 N R 3W





BEFORE EXAMINER NUTTER  
 OIL CONSERVATION COMMISSION  
 EXHIBIT NO. 3307  
 CASE NO. 2



NE 1/4 Section 33, 18N 3W  
 1" = 500'

SOUTH SAN ~~LUIS~~ LUIS FIELD  
 (NO PRESENTLY OPERATING WELLS)

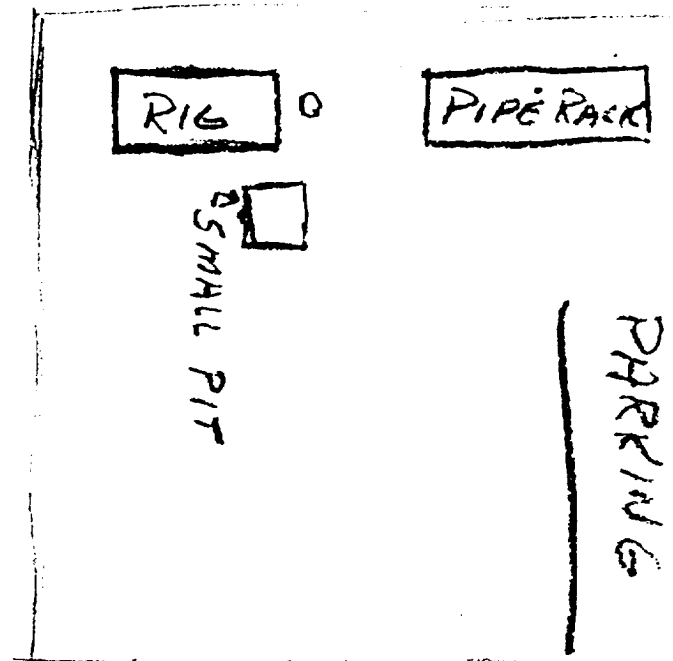
NM 12B12

SEC 34

T18N R3W

WELL #1

A RE-ENTRY



PIPELINE AND ROAD