



ANADARKO PRODUCTION COMPANY

3109 WINTHROP AVENUE P. O. BOX 9317 FORT WORTH, TEXAS 76107
CABLE ADDRESS: ANDARK

April 11, 1969

Oil Conservation Commission
State of New Mexico
P.O. Box 2088
Santa Fe, New Mexico 87501

WPA - 311

1000 yd 24

RE: Langlie-Mattix Penrose
Sand Unit Well No. 28-7,
Lea County, New Mexico

Gentlemen:

Commission Order No. R-3247 approved the conversion of Langlie-Mattix Penrose Sand Unit Well No. 28-1 located 330' FSL and 2310' FWL of Section 28, T22S-R37E, Lea County, New Mexico to water injection. Due to downhole mechanical problems, this well has not been converted to water injection.

A replacement water injection well, Langlie-Mattix Penrose Sand Unit Well No. 28-7 located 660' FSL and 1980' FWL of Section 28, T22S-R37E, has been drilled and completed. Administrative approval as provided by Commission Order No. 3247 is hereby requested to inject water into this replacement well.

To support this application, the following data and information is enclosed:

- (1) Plat of area showing location of proposed water injection well.
- (2) Well bore diagram of Langlie-Mattix Penrose Sand Unit Well No. 28-7 showing well total depth, well perforations, casing program, tubing and packer setting, and type and quantity of water to be injected.

- (3) New Mexico Oil Conservation Commission
Form C-103-Subsequent Report of Drilling
and Completion of Langlie-Mattix Penrose
Sand Unit Well No. 28-7.
- (4) Welex Radioactivity Log of Langlie-Mattix
Penrose Sand Unit Well No. 28-7.

The injection of water into the oil productive Penrose Sand reservoir at this location is needed for the maximum recovery of oil and the conservation of natural resources.

Your approval at your earliest convenience will be appreciated.

Very truly yours,

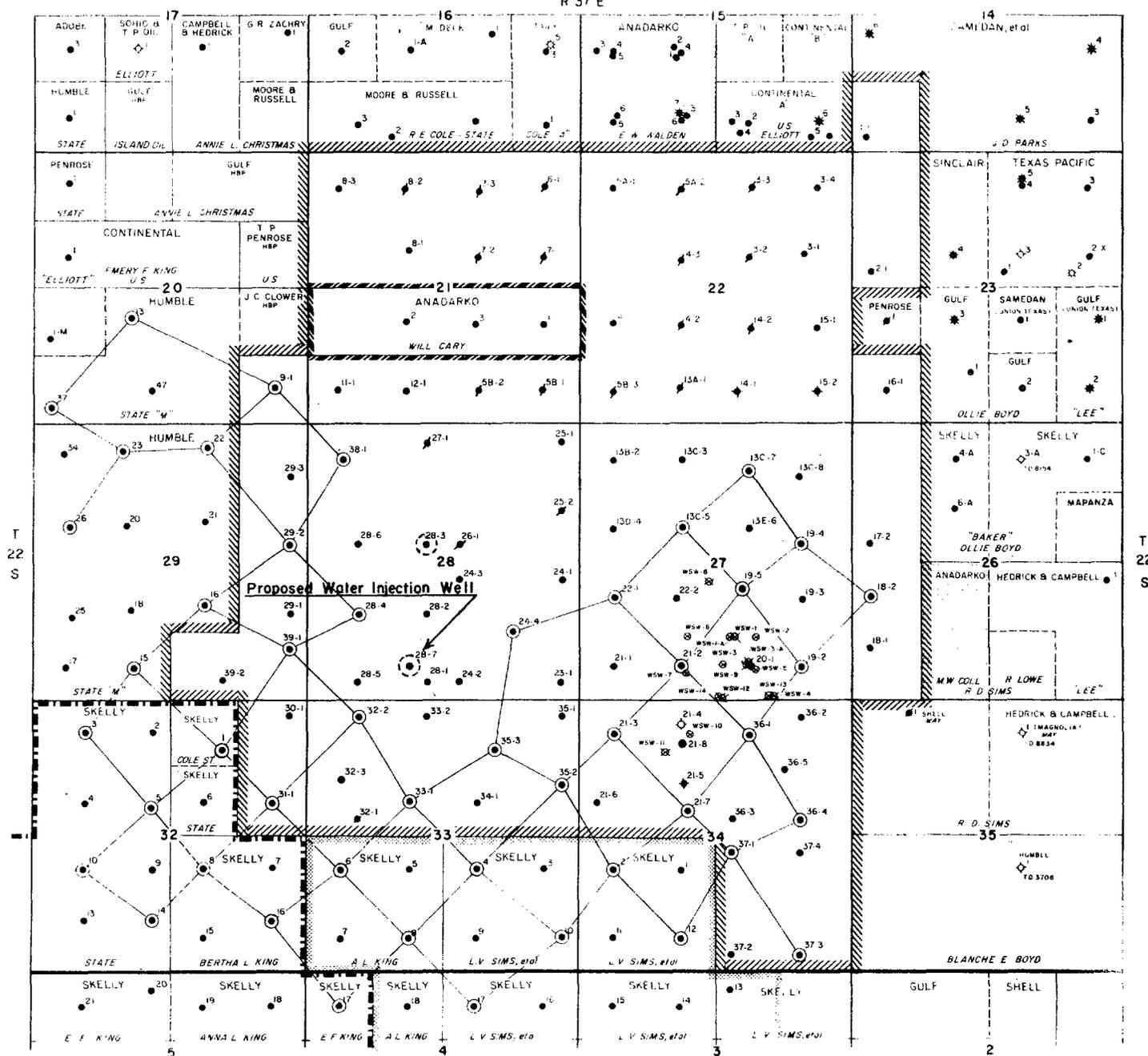
ANADARKO PRODUCTION COMPANY



C.W. Stumhoffer
Superintendent
Secondary Recovery Division

CWS/nl
Encl:
cc: USGS, Arteisa

R 37 E



LEGEND

- - Oil Well
- ◆ - Plugged & Abandoned
- ▲ - Temporarily Abandoned
- ◇ - Dry & Abandoned
- ⊕ - Gas Well
- ★ - Dual Completion (Oil & Gas)
- ⊙ - Water Injection Well
- ⊙★ - Proposed Water Injection Well
- ⊕ - Water Supply Well
- ⊙◆ - WSW - Plugged & Abandoned
- ▨ - Unit Boundary
- ▨ - Anadarko Acreage
- ▨ - Non-Participating Tract
- ▨ - Skelly Penrose "A" Unit
- ▨ - Skelly Penrose "B" Unit

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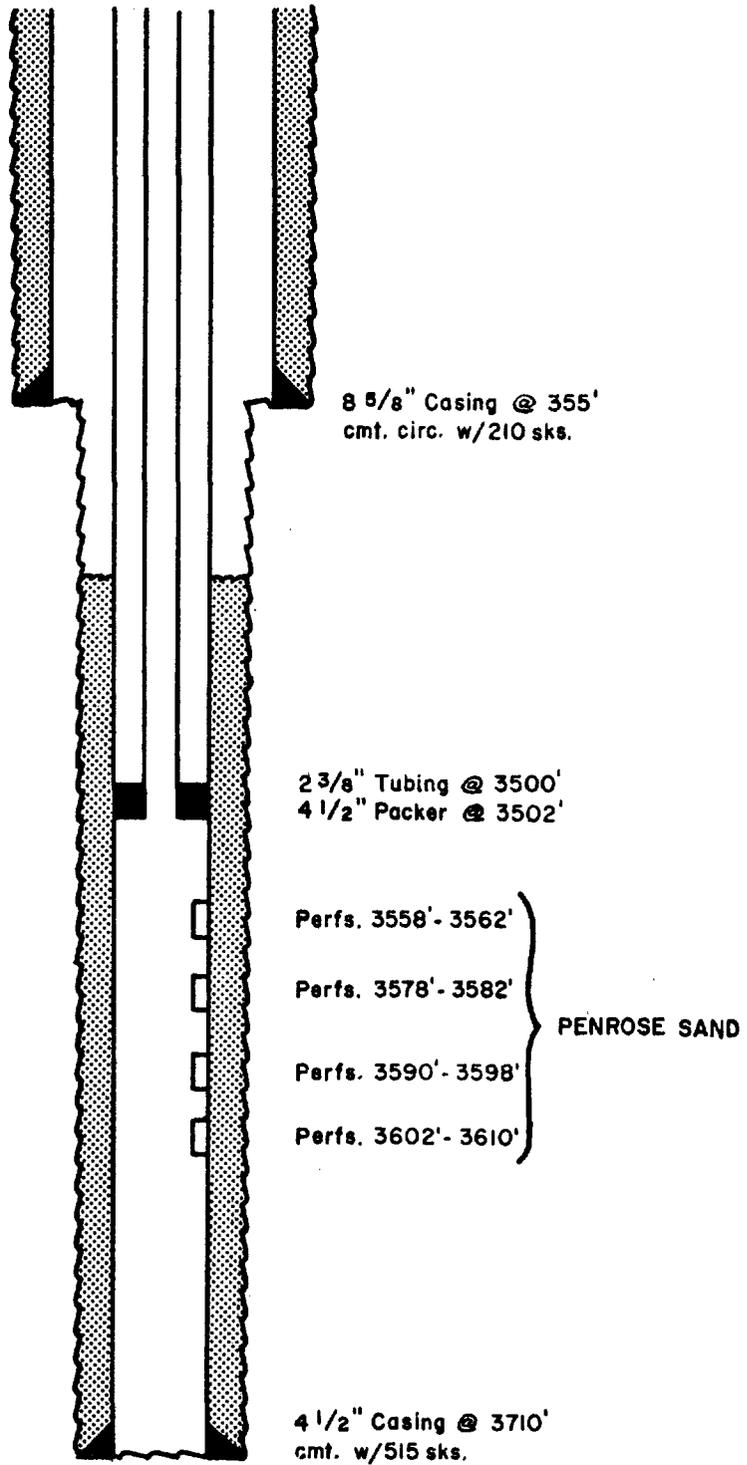


**ANADARKO
PRODUCTION COMPANY**

**LANGLIE MATTIX PENROSE
SAND UNIT**
LEA COUNTY, NEW MEXICO
FLOOD NO. 36



Proposed Injection
Rate: 350B/D
Injection Water Source:
Nonpotable water
purchased from Skelly
Oil Co.'s Jal Water
System.



L. M. P. S. U. 28-7
660 FSL & 1980 FWL
Sec. 28, T-22-S, R-37-E
Lea Co., New Mexico



**ANADARKO
PRODUCTION COMPANY**

WELL BORE DIAGRAM
LANGLIE MATTIX PENROSE SAND UNIT
WELL NO. 28-7
LEA COUNTY, NEW MEXICO

1 - FN
1 - File

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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Water Injection Well	7. Unit Agreement Name Langlie-Mattix Penrose Sand Unit
2. Name of Operator Anadarko Production Company	8. Farm or Lease Name Tract 28
3. Address of Operator P. O. Box 9317, Fort Worth, Texas 76107	9. Well No. 7
4. Location of Well UNIT LETTER N 660 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE, SECTION 28 TOWNSHIP 22S RANGE 37E NMPM.	10. Field and Pool, or Wildcat Langlie-Mattix
15. Elevation (Show whether DF, RT, GR, etc.)	12. County Lea

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON

PULL OR ALTER CASING

OTHER _____

PLUG AND ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOBS

OTHER Drilling and completion of
Water Injection Well

ALTERING CASING

PLUG AND ABANDONMENT

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

Well spudded 7-17-68, cemented 8-5/8", 24 lb csg @ 355' w/210 sk Class C cement. Ran 3710' of 4 1/2", 10.5 lb, J-55 csg w/float shoe & 6 centralizers. Cemented w/225 sk cement w/4% gel & 15 lb salt/sacks plus 290 sk Class C cement w/3/4 of 1% of CFR2 & 10 lb salt/sack. Perforated 3558'-3562' w/8 shots, 3578'-3582' w/8 shots, 3590'-3598' w/16 shots & 3602'-3610' w/16 shots. Ran 3500' 2-3/8" w/Johnson tension packer. Set packer @ 3500' to acidize w/2000 gal 15% NE acid. (See Well Bore Diagram attached)

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

SIGNED C. W. Stumhoffer
C. W. Stumhoffer

Supt. Secondary Recovery Division

TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: