



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

September 8, 1980

Conversion to Water Injection Service--
East Vacuum Grayburg-San Andres Unit,
Tract No. 3202, Well No. 013,
Vacuum Grayburg-San Andres Pool
Lea County, New Mexico

New Mexico Dept. of Energy & Minerals (3)
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey
Division Director

Gentlemen:

We respectfully request administrative approval as provided by Order No. R5897, Rule No. 9, for the East Vacuum Unit pressure maintenance project, to convert the East Vacuum Grayburg-San Andres Unit, Tract 3202, Well No. 013, to water injection service. The following data is submitted in support of this request:

1. Unit plat reflecting the proposed injection well and injection well project area. (Well: Unit P, 32, 17-S, 35-E.)
2. Compensated Acoustic Velocity Gamma Caliper Log of the injection well.
3. Diagrammatic sketch of the proposed well, injection tubing, packer, and pressure control elements identifying the San Andres perforated injection interval.
4. The name of the injection formation is San Andres with injection to be into the interval 4390 to 4650 feet. The maximum anticipated injection pressure will be no more than 0.2 psi per foot to the top of the perforations with a maximum daily volume anticipated at 2500 barrels.

A status report on Order No. R5897, Exhibit-C wells was submitted under date of August 19, 1980.

Your consideration and early advice will be appreciated.

Yours very truly,

T. Harold McLemore
Area Regulation and Proration Supervisor

CAS:skm
Attachments

cc: ✓ Oil Conservation Division
Hobbs, New Mexico (Attachments without logs)

PHILLIPS PETROLEUM COMPANY

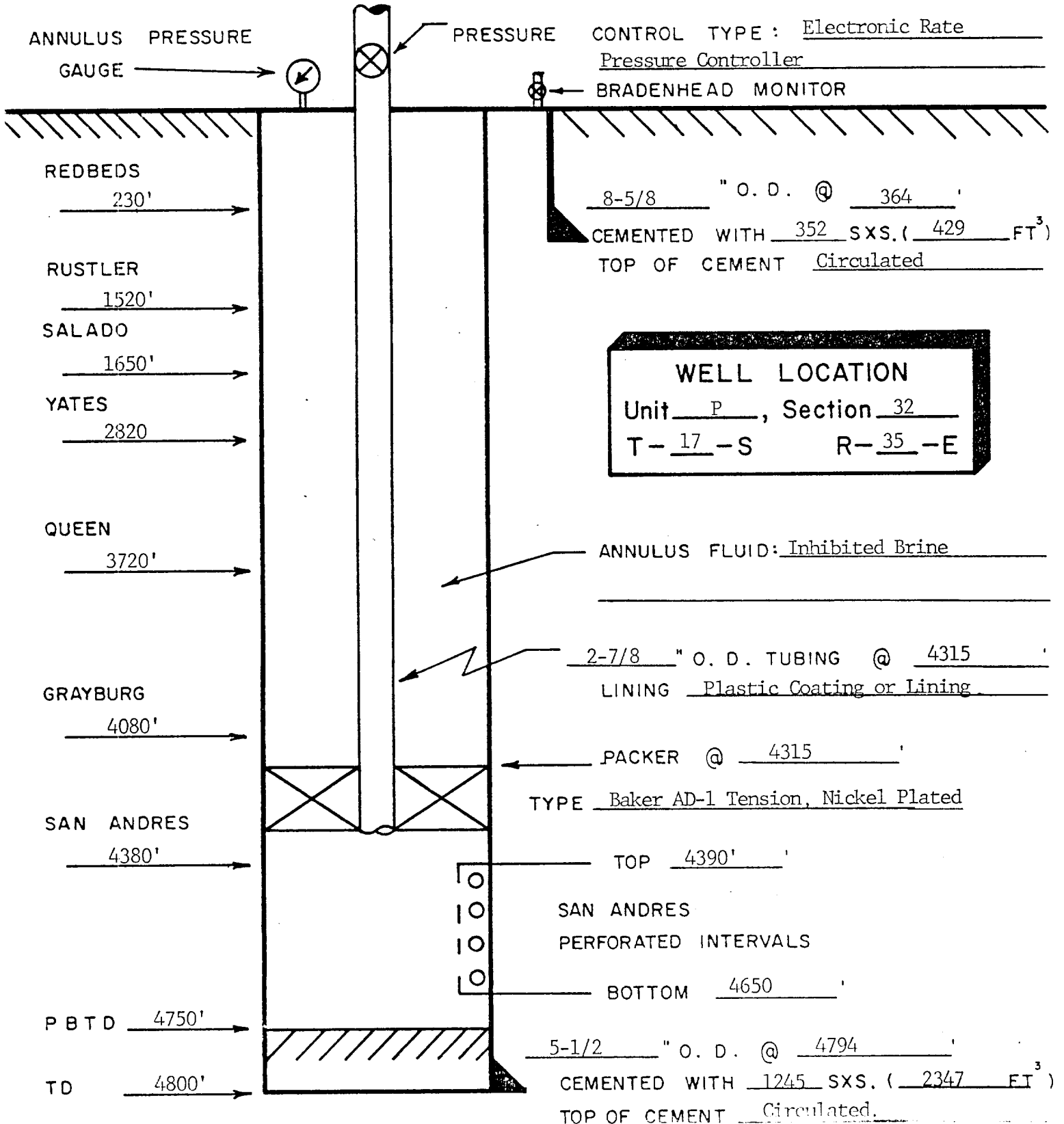
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

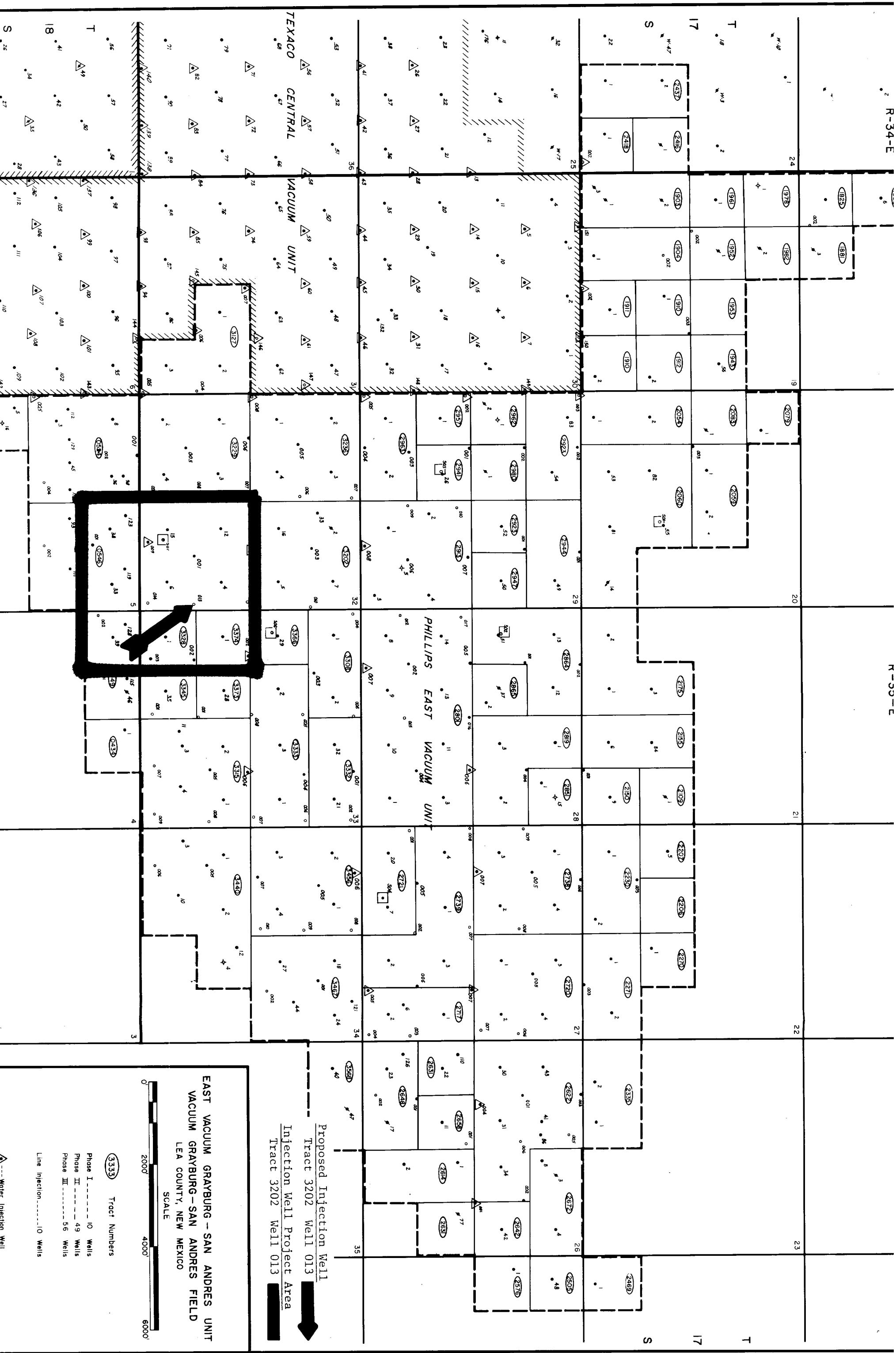
N. M. O. C. D. R- 5897

VACUUM GRAYBURG - SAN ANDRES POOL, LEA COUNTY, NEW MEXICO

TRACT 3202 WELL 013

CONVERSION TO WATER INJECTION STATUS





EAST VACUUM GRAYBURG-SAN ANDRES UNIT
VACUUM GRAYBURG-SAN ANDRES FIELD
LEA COUNTY, NEW MEXICO

SCALE

0 2000' 4000' 6000'

3333 Tract Numbers

Phase I ----- 10 Wells

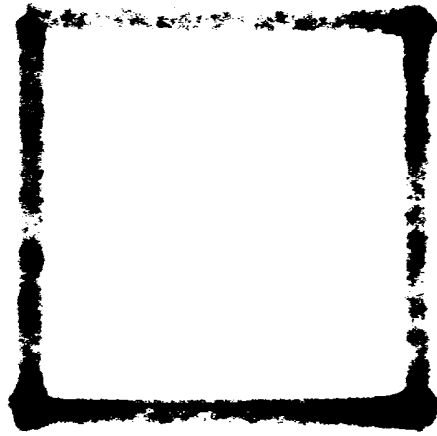
Phase II ----- 49 Wells

Phase III ----- 56 Wells

Line Injection ----- 10 Wells

Water Injection Well

Proposed Injection Well
Tract 3202 Well 013
Injection Well Project Area
Tract 3202 Well 013



RECEIVED

SEP 10 1980

OIL CONSTRUCTION DIV

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

API NO. 30-025-26782

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. A-1320
7. Unit Agreement Name East Vacuum Gb/SA Unit
8. Farm or Lease Name East Vacuum Gb/SA Unit, Tract 3202
9. Well No. 013
10. Field and Pool, or Wildcat Vacuum Gb/SA
12. County Lea

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 ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator Phillips Petroleum Company
3. Address of Operator Room 401, 4001 Penbrook St., Odessa, Texas 79762
4. Location of Well UNIT LETTER <u>P</u> <u>150</u> FEET FROM THE <u>East</u> LINE AND <u>1300</u> FEET FROM THE <u>South</u> LINE, SECTION <u>32</u> TOWNSHIP <u>17-S</u> RANGE <u>35-E</u> N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)
3952.7' GL

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOBS ☒	
OTHER <u>Total depth</u> ☒	

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 1103.

5-17-80 MI Cactus Drlg. Spud in w/12-1/4" bit.

5-18-80 Ran 9 jts 8-5/8", 24#, K-55 csg set at 365'. Cmt w/400 sxs Cl "H" w/2% CaCl₂, 1/4#/sx Flocele. Circ 50 sxs to surf. Temp of cmt slurry 70°, temp in zone 65°, est cmt strength at time of test 1400# psi. Cmt in place 10-1/2 hrs prior to test. Tested to 500# for 30 min, OK.

5-26-80 Reached 4800' TD. Running logs.

5-28-80 Ran 116 jts 5-1/2", 14#, K-55 csg set at 4794'. Cmt w/1000 sxs TLW w/10% DD, 12# salt, 3# Gilsonite, 1/4#/sx Flocele. Tail w/400 sxs Cl "H" w/5# salt. Circ 155 sxs. Csg left standing w/displacement fluid. Released rig. Waiting on completion unit.

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

SIGNED W. J. Mueller TITLE Sr. Engineering Specialist DATE May 29, 1980

APPROVED BY Jerry Sexton TITLE Dist 1, Supv DATE JUN 2 1980
CONDITIONS OF APPROVAL, IF ANY:

skm