

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-71238

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

Atlantic Richfield Company

3. ADDRESS OF OPERATOR

P. O. Box 1710, Hobbs, New Mexico 88240

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

At surface 2350' FWL & 1000' FNL

At proposed prod. zone

as above

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

Approx. 6 miles east of Loco Hills, New Mexico

D. C. C.
ARTESIA, OFFICE

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

224.09

19. PROPOSED DEPTH

3500'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3716.8'

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8-5/8" OD	24#	500'	400 sx Circ.
7-7/8"	5-1/2" OD	14#	3500'	400 sx.

Propose to drill a development well in Russell-Turner Waterflood area.
In accordance w/ NMOC Order #R-3185.

Diagram of Blow-out preventer program attached.

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

TITLE Dist. Drlg. Supv.

DATE 6/12/74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DATE

APPROVED
JUN 24 1974R. L. BEEKMAN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS
SEP 24 1974
See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION FORM

Form O-122
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

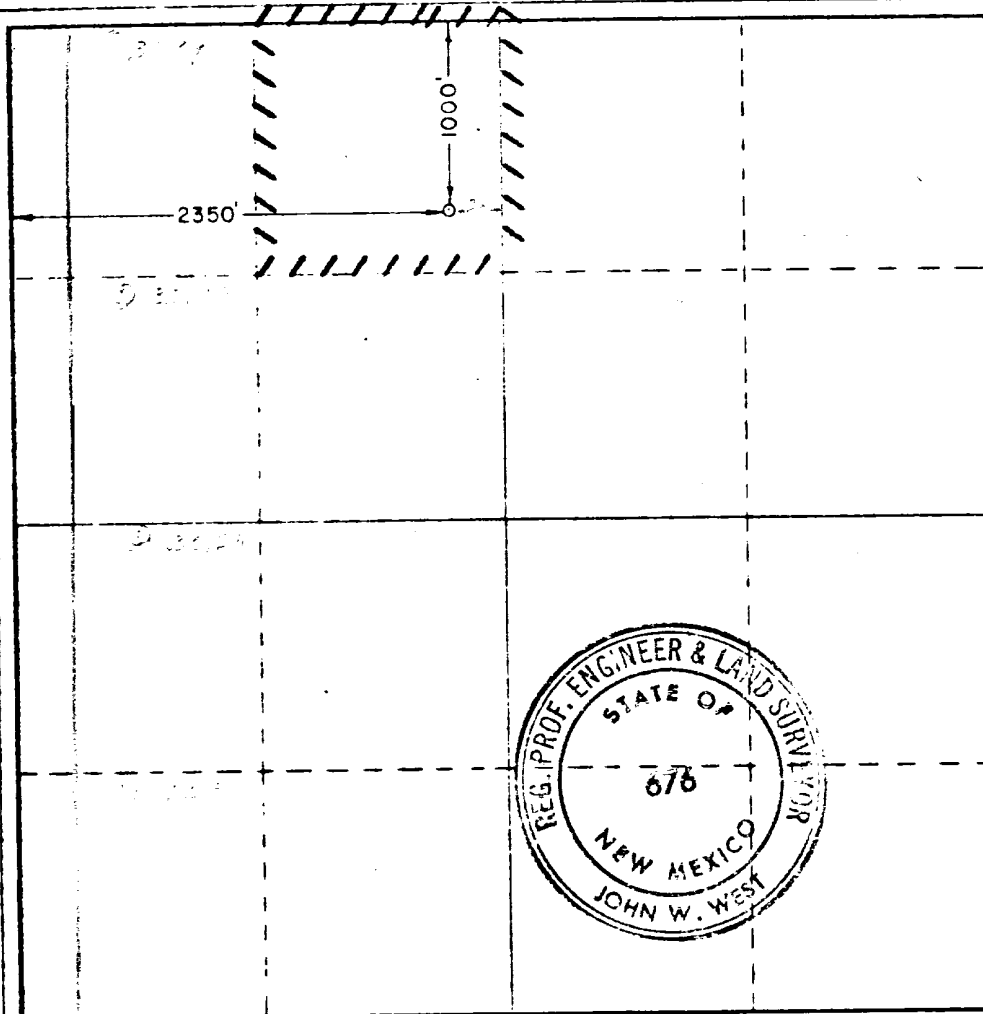
Operator ATLANTIC RICHFIELD COMPANY		Lease C.A. RUSSELL		Well No. 11
Tract Letter C	Section 18	Township 17 SOUTH	Range 31 EAST	County EDDY
Actual Footage Location of Well: 2350 feet from the WEST line and 1000 feet from the NORTH line				
Ground Level Elev. 3716.8	Producing Formation Queen Grbg San Andres		Pool Grbg Jackson	Dedicated Acreage: 40 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 Commission.



CERTIFICATION

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

By *H. J. Bernard*
Dist. Dir. Supv.

Company
Atlantic Richfield Co.

Date
June 12, 1974

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.

Date Surveyed
JUNE 8, 1974

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **676**



North American Producing Division
Permian District - West Area
Post Office Box 1710
Hobbs, New Mexico 88240
Telephone 505 393-7163

George V. Ricks, Superintendent
Production & Drilling



June 17, 1974

U.S.G.S.
P. O. Drawer U
Artesia, New Mexico 88210

Re: C. A. Russell #11
2350' FWL & 1000' FNL, Sec 18-T17S-R31E
Eddy County, New Mexico

Application for Permit to Drill:

1. See Plat.
2. See Plat.
3. See Plat.
4. See Plat.
5. Production to use present battery facilities existing on lease. See plat of existing battery and flow lines within $\frac{1}{2}$ mile radius of proposed location.
6. Fresh water for drilling operations to be used from Russell-Turner Waterflood (water located at battery on lease).
7. All solid waste from the drilling operation will be buried.
8. No camp
9. No airstrip
10. See Plat
11. The pits will be filled and leveled. All not used area will be restored to as near the original condition as possible.
12. All pits will be plastic-lined to contain its contents.

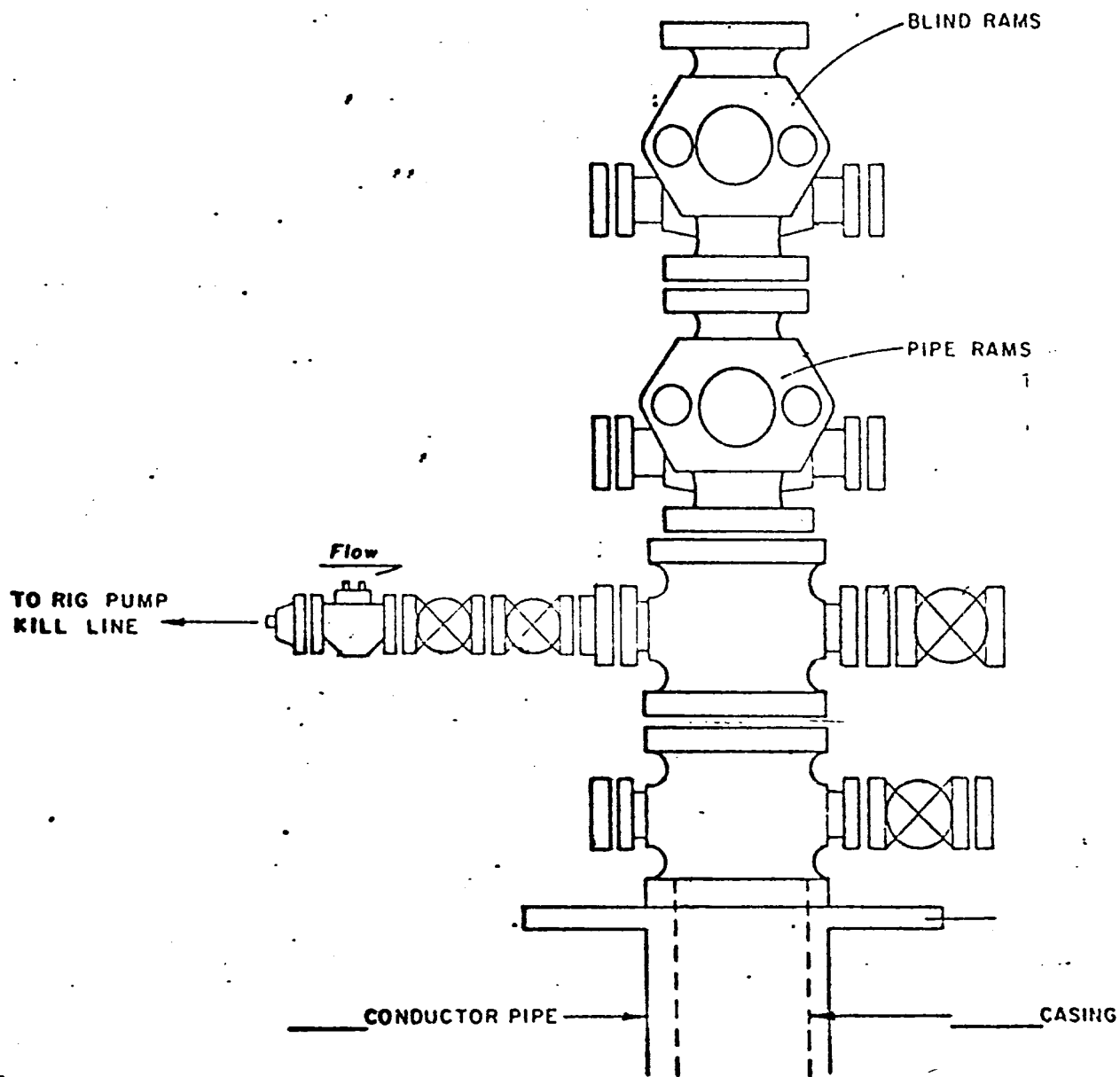
If additional information is required, please contact Howard Bernard, P. O. Box 1710, Hobbs, New Mexico or phone collect 505-393-7163.

Yours truly,



H. J. Bernard

HJB:kw
Attachments



C.A. Russell #11

Plot 1

104°00'

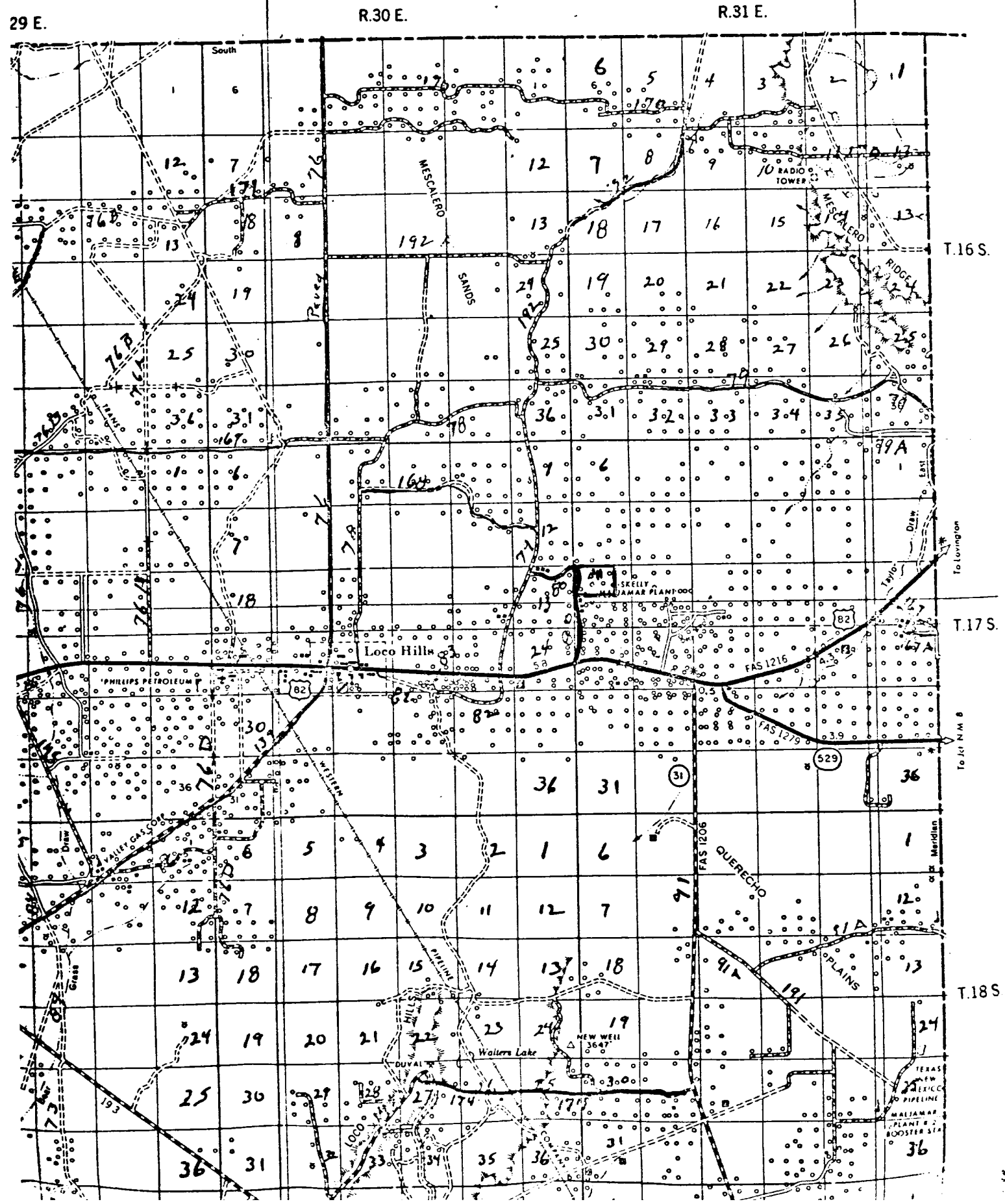
VICINITY MAP

103°50'

C.A. Russell Lse = Existing Road
Sec. 18-T17S-R31E
Eddy Co., New Mex.

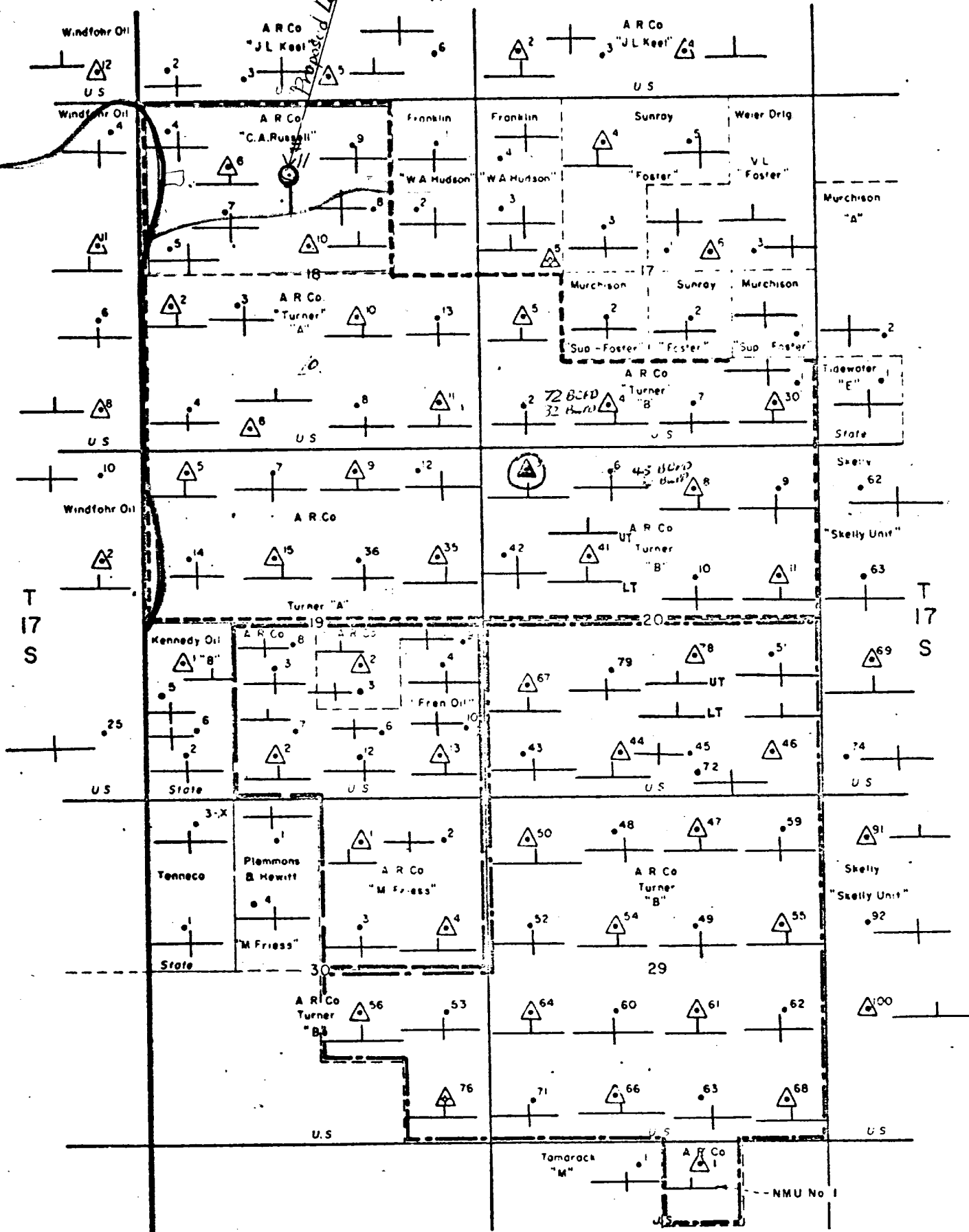
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Scale 1/2" = 1 mile



Plot 244

R-31-E



R-31-E

● Producing Wells BOPD | CUMULATIVE OIL PRODUCTION (1000'S BARRELS)
 BWPD | CUMULATIVE WATER PRODUCTION (1000'S BARRELS)

▲ Injection Wells BWPD | CUMULATIVE WATER INJECTION (1000'S BARRELS)
 WELL HEAD PRESSURE (PSIG)

Existing Roads ———
 Proposed New Roads - - - -

Atlantic Richfield Company
 North American Producing Division
 Permian District - Midland Texas

**RUSSELL - TURNER (JACKSON)
 WATERFLOOD**

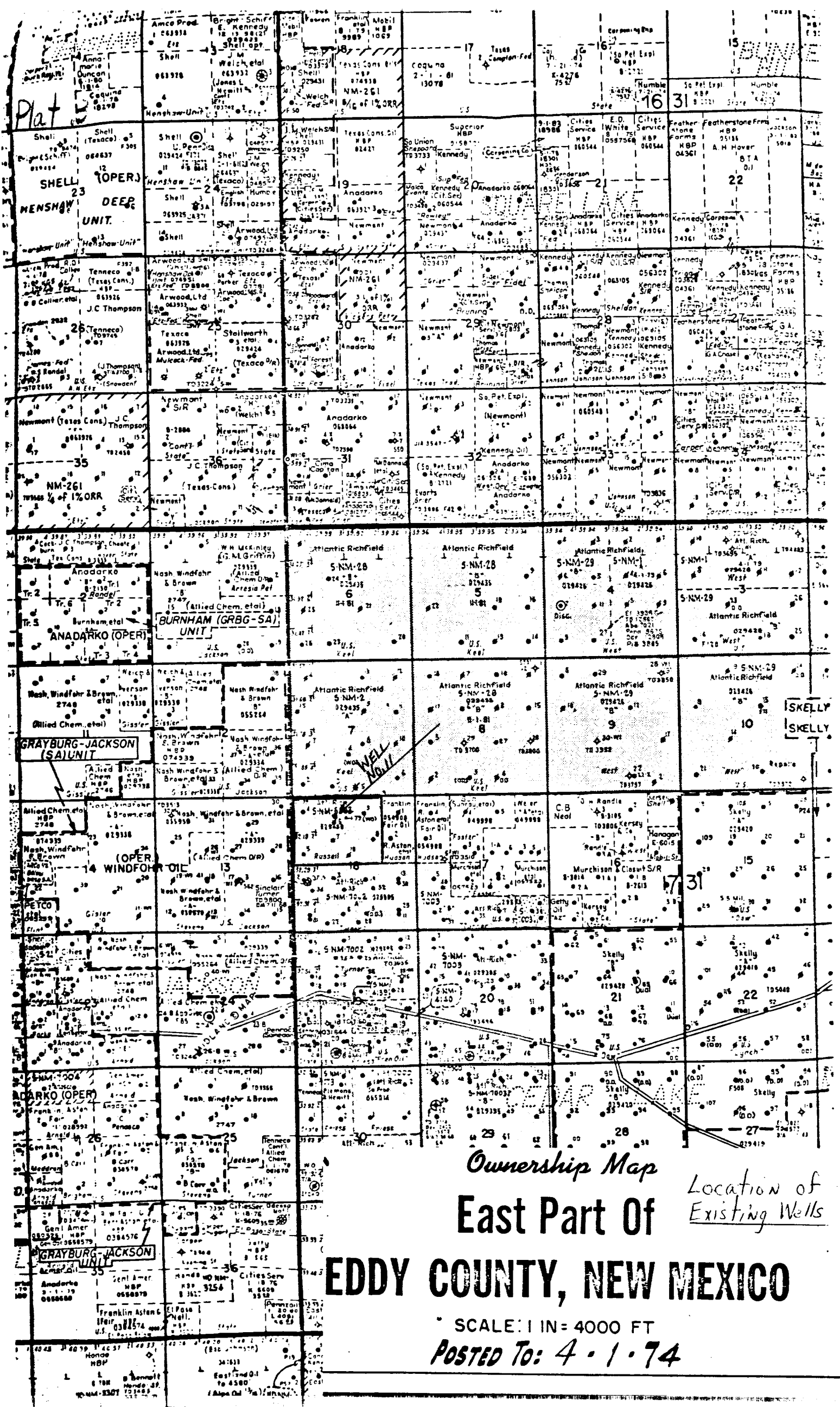
GRAYBURG - JACKSON FIELD

Eddy County, New Mexico

MONTH OF _____

SCALE

0 1000 2000 3000



Ownership Map

East Part Of

EDDY COUNTY, NEW MEXICO

SCALE: 1 IN = 4000 FT

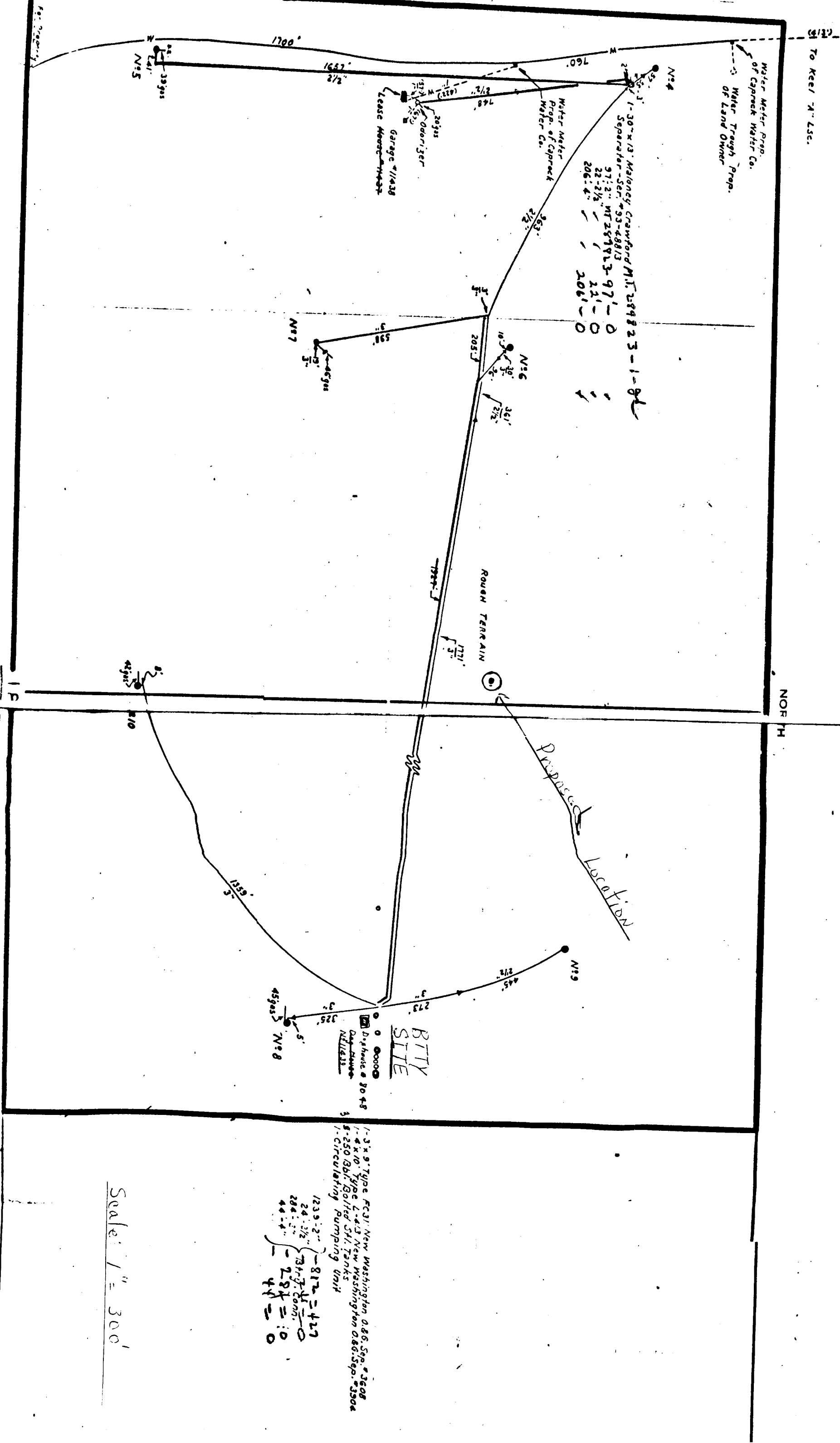
POSTED TO: 4-1-74

Location of
Existing Wells

DESC. TION LOTS 182 & E/L NW/4 & W/2 NE/4
SEC 18 TWP 17S RANGE 31E COUNTY EDDY

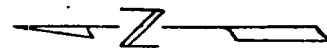
STATE NEW MEXICO

FARM C.A. RUSSELL (A)
DISTRICT NEW MEXICO-EAST



1-3" x 9" Type FC31 New Washington 0.86, Sep. #3608
1-4" x 10" Type L-413 New Washington 0.86, Sep. #3608
1-250 Bbl. Bolted Stl. Tanks
1-Circulating Pumping Unit
1239-2" - 812 = 427
24-3/2" - 747.7 = 160
284-3/2" - 284 = 0
44-4" - 44 = 0

101



A. LOCATION

- A. LOCATION
 1. CONTRACTOR SHALL FURNISH, HAUL, DUMP, SPREAD, AND COMPACT CALICHE MINIMUM DEPTH SHALL BE 6" COMPACTED. WATER SHALL BE APPLIED AT THE APPROXIMATE RATE OF ONE GALLON PER SQ. FT. IN AREA OUTLINE BY SOLID AREA WITHIN DASHED LINE SHALL BE LEVELLED WITH PAD.
- B. ROAD WHERE APPLICABLE
 1. ROAD SHALL BE BUILT IN THE BEST LOCATION AND SHA BE A MINIMUM OF 18" WIDE WITH CURVES AND GRADE SUCH AS TO ACCOMMODATE LOADED TRUCKS.
 2. ROAD SHALL BE COVERED WITH 6" COMPACTED CALK USING WATER AT THE RATE OF APPROX. ONE GALLON PER SQ. FT.
- C. CATTLE GUARD AT THE LOCATION A
 1. CATTLE GUARD, TIMBER BUILT, AND POST. CONTRACTOR SHALL INSTALL CATTLE GUARD TO LANDOWNER'S SPECIFICATIONS.
 2. SET A CALICHE FOR ALL TURNING 1 SHAL BE ANTICIPATED AND LINEAR MEASU. BIDS SHALL INCLUDE SUCH EXTRA CALICHE REQUIREMENTS.
- C. GENERAL
 1. DRILLING HAT CONTAINS AN ESTIMATED 782 CU YDS. LOOSE MEASUREMENT.
 2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ROADWAYS INCLUDING PIT ENTRANCE FEE, IF ANY.
 3. CELLAR TO BE 8'X'4' WOOD FRAME.

[illegible]