

Release Immediately

54 LRL

NSL-1981

RWLE-104 F(E)

MURPHY H. BAXTER

814 BUILDING OF THE SOUTHWEST

TELEPHONE 915-684-6307

MIDLAND, TEXAS 79701

MAIL ADDRESS:

P. O. BOX 2040

MIDLAND, TEXAS 79702

February 4, 1985

Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501

Attn: David Catanach

Location

1610' FNL,

2050' FEL

Section 1 - T18S - R33E

Dedicated Acreage -

SW 1/4 NE 1/4

RE: North EK Queen Unit 2-7
Lea County, New Mexico
Unorthodox Location

Gentlemen:

Murphy H. Baxter is requesting permission to drill the North EK Queen No. 2-7 as an unorthodox location based on our Case No. 5491 and Order No. R-4009-A dated June 17, 1975.

Attached is a map showing the North EK Queen Unit boundaries and ownership, a location plat showing the proposed location and a copy of the Form C-101 drilling permit.

As shown on the attached ownership map there are no direct offset operators to the unit that have producing wells in the same producing zone as the unit.

Murphy H. Baxter would appreciate your immediate attention to this application because of rig availability for this well. Please call Melba Carpenter in the Hobbs Oil Conservation Division office if this application is approved.

If you have any questions concerning this application please call me.

Thank you.

Yours truly;

Larry Gillette

Larry Gillette
Petroleum Engineer

Attachments

mm

Memo

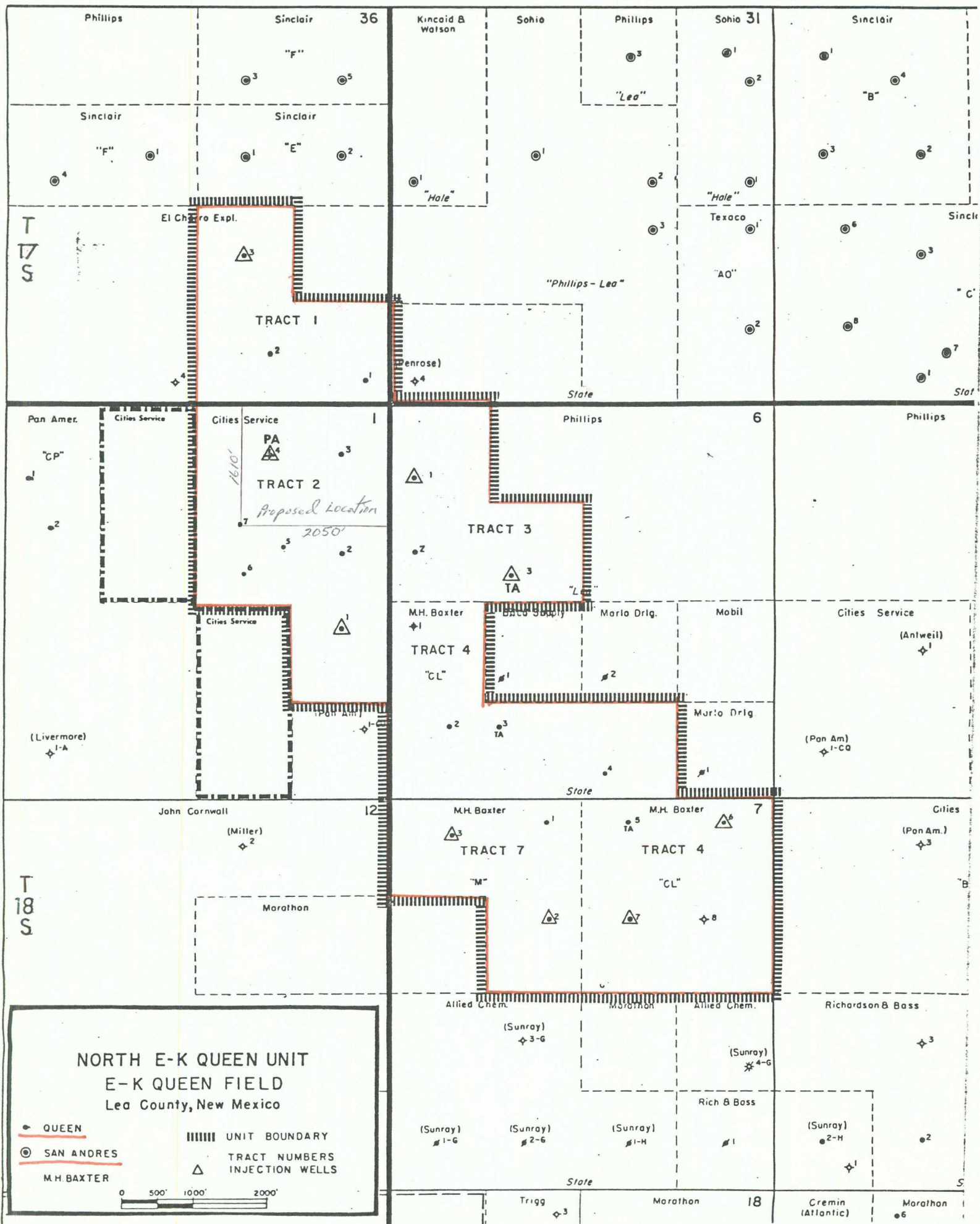
From

DAVID CATANACH
Petroleum Engineer

To

2-5-85

*Talked to Larry Gillette regarding
notification to Citrus Service Co., then only direct
offset to the west and he advised
that Citrus owns a 34% interest
in the unit and has already
approved an AFE for the well.*



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

MURPHY BAXTER

JAN 25 1985

Form C-102
Supersedes C-128
Effective 1-1-65

Midland, Texas

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

| | | | | |
|--|------------------------------|---|---------------------------------------|------------------------|
| Operator MURPHY H. BAXTER | | Lease NORTH EK QUEEN UNIT <i>Tr. 2</i> | | Well No. <i>2-7</i> |
| Unit Letter G | Section 1 | Township 18S | Range 33E | County LEA |
| Actual Footage Location of Well: 1610 feet from the NORTH line and 2050 feet from the EAST line | | | | |
| Ground Level Elev. 4101.4 | Producing Formation Queen | Pool EK Yates Seven Rivers Queen | Dedicated Acreage: <i>40</i> Acres | |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

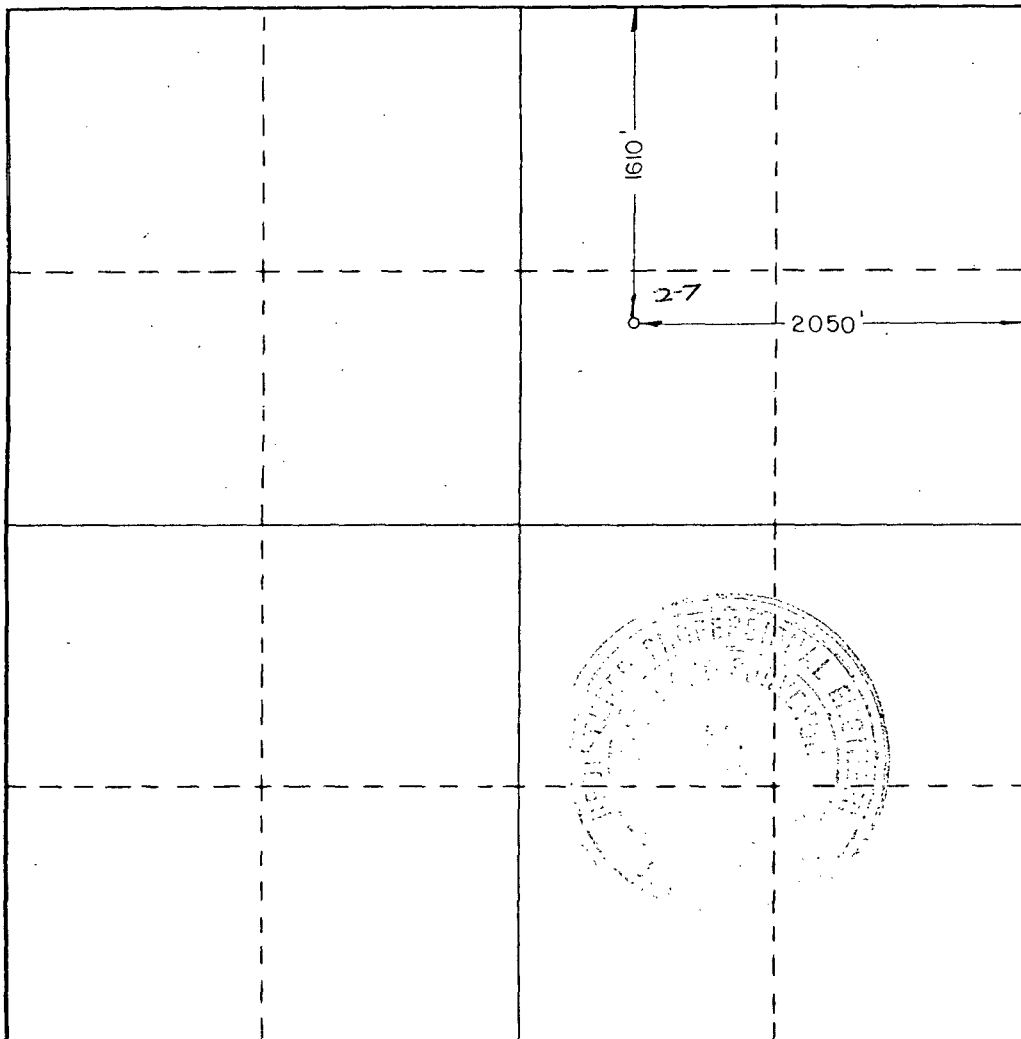
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.

Larry Gillette
Name

Larry Gillette

Position

Petroleum Engineer

Company

Murphy H. Baxter

Date

January 28, 1985

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

1/23/85

Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No. JOHN W. WEST,

676

RONALD J. EIDSON,

3239



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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

| |
|--|
| 5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. E-2439 |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | |
|--|--|---|
| 1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 7. Unit Agreement Name North EK Queen Unit |
| b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 8. Farm or Lease Name Tract 2 |
| 2. Name of Operator Murphy H. Baxter | | 9. Well No. 7 |
| 3. Address of Operator P. O. Box 2040, Midland, Texas 79702 | | 10. Field and Pool, or Wildcat EK YATES SEVEN RIVERS QUEEN |
| 4. Location of Well UNIT LETTER G LOCATED 1610 FEET FROM THE North LINE AND 2050' FEET FROM THE East LINE OF SEC. 1 TWP. 18S RGE. 33E NMPM | | 12. County Lea |
| 19. Proposed Depth 4350' | | 19A. Formation Queen |
| 20. Rotary or C.T. Rotary | | |
| 21. Elevations (Show whether DF, RT, etc.) 4101.4 GL | 21A. Kind & Status Plug. Bond Blanket-Current | 21B. Drilling Contractor NA |
| 22. Approx. Date Work will start Feb. 15, 1985 | | |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|------------|
| 12 1/4 | 8 5/8 | 24 | 350' | 300 | Circulated |
| 7 7/8 | 5 1/2 | 15.5 | 4350' | 900 | Circulated |

1. Will have suitable blowout preventers with hydraulic drill pipe and blind rams on the well at all times during the drilling operation after setting surface pipe.
2. Will circulate cement from total depth to surface to isolate the massive salt section at about 1800 feet.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Larry Salts Title Petroleum Engineer Date Jan. 28, 1985
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 5491
Order No. R-4009-A

APPLICATION OF MURPHY H. BAXTER FOR
AN UNORTHODOX OIL WELL LOCATION AND
AN ADMINISTRATIVE PROCEDURE, LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 10, 1975,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 17th day of June, 1975, the Commission, a
quorum being present, having considered the testimony, the
record, and the recommendations of the Examiner, and being
fully advised in the premises,

FINDS:

(1) That due public notice having been given as required
by law, the Commission has jurisdiction of this cause and the
subject matter thereof.

(2) That the applicant, Murphy H. Baxter, is the
operator of the North EK Queen Unit Waterflood Project, EK
Yates-Seven Rivers-Queen Pool, Lea County, New Mexico,
which was approved by Commission Order No. R-4009, dated
August 12, 1970.

(3) That to provide for a more efficient production
pattern in said unit, applicant seeks approval for an
unorthodox oil well location for a well to be drilled 1980
feet from the North line and 1460 feet from the East line
of Section 1, Township 18 South, Range 33 East, NMPM, in
said Unit.

(4) That the applicant further seeks the establishment
of an administrative procedure whereby additional injection
and producing wells may be drilled in said Unit at orthodox
and unorthodox locations.

(5) That in order to permit the applicant the flexibility
needed to complete an efficient injection and producing pattern
in said project, thereby increasing ultimate recovery and
preventing waste, the subject application should be approved.

IT IS THEREFORE ORDERED:

(1) That the applicant, Murphy H. Baxter, is hereby authorized to drill a producing well at an unorthodox oil well location 1980 feet from the North line and 1460 feet from the East line of Section 1, Township 18 South, Range 33 East, NMPM, EK Yates-Seven Rivers-Queen Pool, Lea County, New Mexico.

✓ (2) The Secretary-Director of the Commission is hereby authorized to approve additional producing wells and injection wells at orthodox and unorthodox locations within the boundaries of the North EK Unit Area as may be necessary to complete an efficient production and injection pattern, provided said wells are drilled no closer than 330 feet to the outer boundary of said unit nor closer than 10 feet to any quarter-quarter section of subdivision inner boundary. To obtain such approval, the project operator shall file proper application with the Commission, which application, if it seeks authorization to convert additional wells to injection or to drill additional production or injection wells shall include the following:

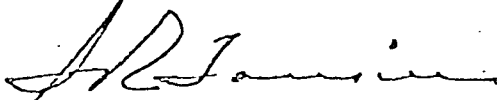
- (a) A plat showing the location of proposed well, all wells within the project area, and offset operators, locating wells which offset the project area.
- (b) A schematic drawing of any proposed injection well which fully describes the casing, tubing, packer, leak detection equipment, perforated interval, and depth.
- (c) A letter stating that all offset operators to the proposed well have been furnished a complete copy of the application and the date of notification.

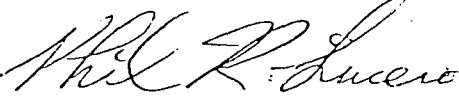
The Secretary-Director may approve the proposed well if, within 20 days after receiving the application, no objection to the proposal is received. The Secretary-Director may grant immediate approval, provided waivers of objection are received from all offset operators.

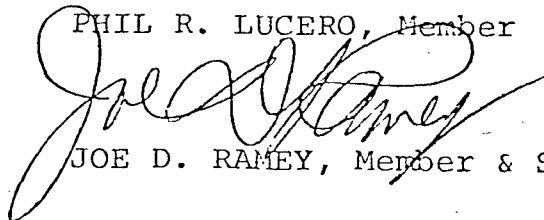
(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


I. R. TRUJILLO, Chairman


PHIL R. LUCERO, Member


JOE D. RAMEY, Member & Secretary

S E A L

dr/