

AMEND WFX 2/3/97

devon

ENERGY OPERATING CORPORATION

20 North Broadway, Suite 1500
Oklahoma City, Oklahoma 73102-8260

Telephone 405/235-3611
FAX 405/552-4550

January 14, 1997

Certified Mail P 619 404 426

NM Oil Conservation Division
2040 S. Pacheco St.
Santa Fe, NM 87505

JAN 17 1997

Re: Revision To Administrative Order No. WFX-679
Grayburg-Jackson Waterflood Project
Eddy County, NM

Dear Sir:

Please accept our request to amend Administrative Order No. WFX-679 to include the following wells:

- | | | |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| (1) H.E. West "B" #94
440'FNL & 1980'FEL
Sec 10-T17S-R31E
Eddy County, NM | (2) H.E. West "B" #95
1780'FNL & 1980'FWL
Sec 4-T17S-R31E
Eddy County, NM | (3) H.E. West "B" #96
1980'FSL & 460'FWL
Sec 4-T17S-R31E
Eddy County, NM |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|

These wells are proposed redrills of H.E. West "B" #1, H.E. West "B" #5, and H.E. West "B" #7 respectfully. The replacement wells are necessary due to the poor mechanical integrity of the production casing in the existing wells. The existing wells will be subsequently plugged and abandoned.

Also of note, because of the locations of each replacement well, no additional offset wells fall within the "Area of Review"; therefore, no additional offset well information was provided.

Please direct any questions regarding this matter to the undersigned at (405) 552-4528.

Sincerely,
Devon Energy Corporation



Charles H. Carleton
Senior Engineering Technician

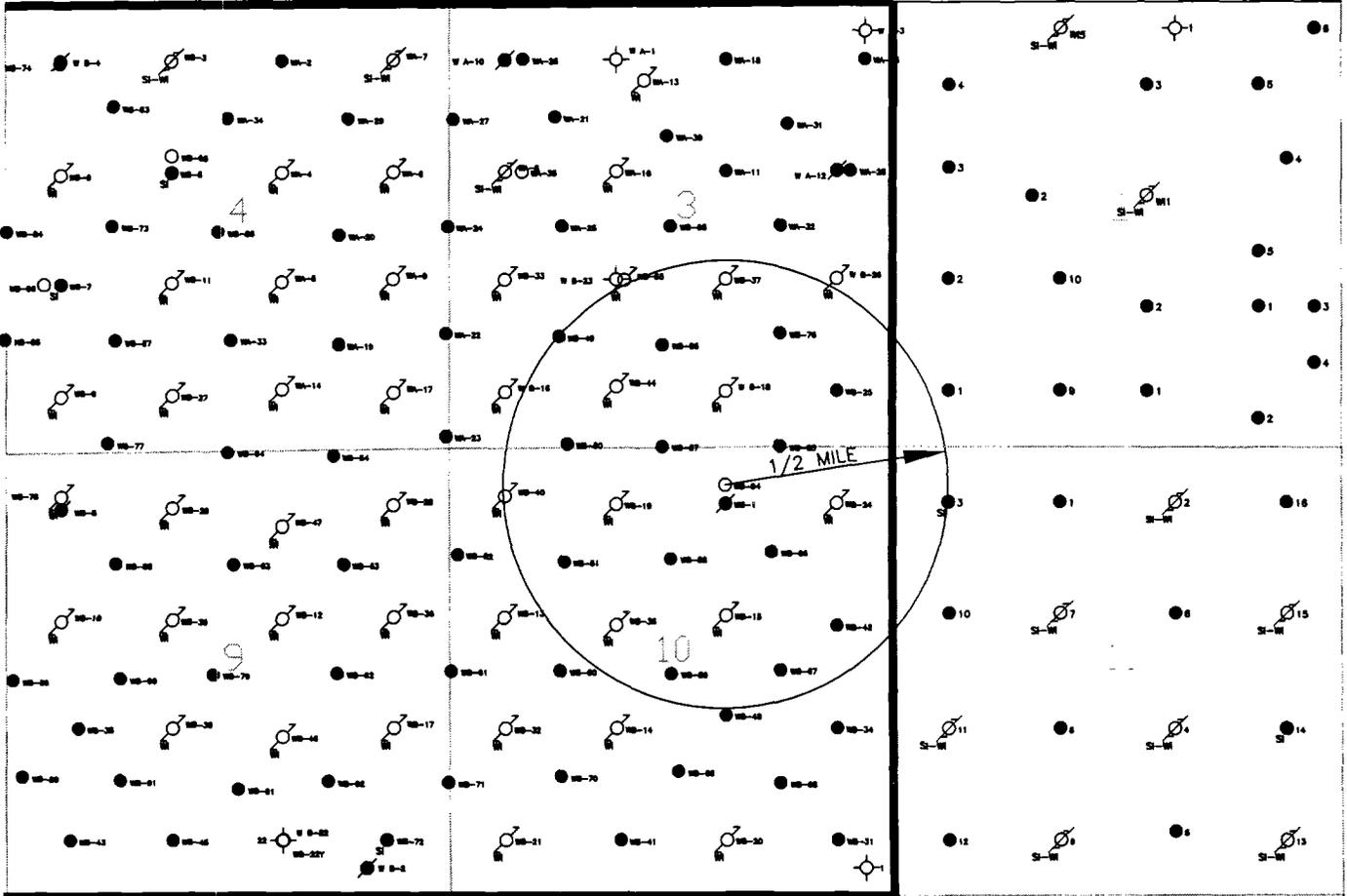
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enclosures
xc: Well File

DEVON ENERGY OPERATING CORPORATION
APPLICATION FOR AUTHORITY TO INJECT
GRAYBURG-JACKSON WATERFLOOD

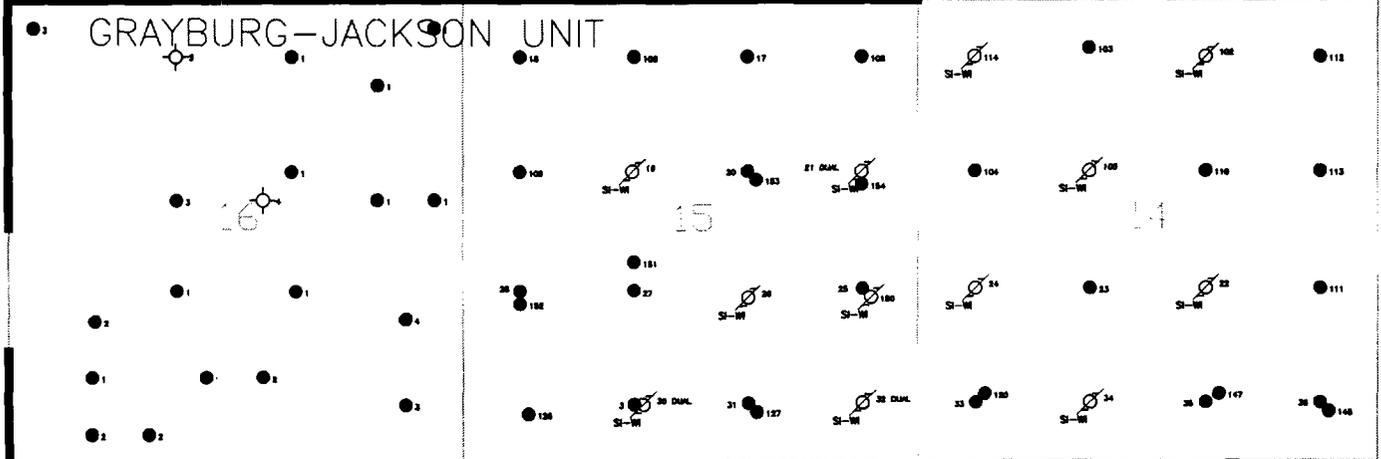
III **Well Data:**

- A. (1) H.E. West "B" #94
440'FNL & 1980'FEL
Section 10-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
8 5/8" 24# J-55 ST&C @ 425'. TOC @ surface
Hole Size = 12 1/4"
- Production Casing:
5 1/2" 15.5# J-55 LT&C @ 4250'. TOC @ surface
Hole Size = 7 7/8"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 3150'.
- (4) 5 1/2" Baker AD-1 tension packer set at 3150'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson Field.
- (2) Water injection will be through perforations 3200'- 4150'(OA). **The injection interval is 3200'- 4150'.**
- (3) This well will be drilled and completed as an injection well, injecting into the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 3200'- 4150' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones

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denon
DENON OIL & GAS COMPANY

GRAYBURG-JACKSON AREA

EDDY COUNTY, NEW MEXICO

H.E.WEST "B" #94

Scale in Feet
1000 0 1000 2000 3000 4000

WEST-884

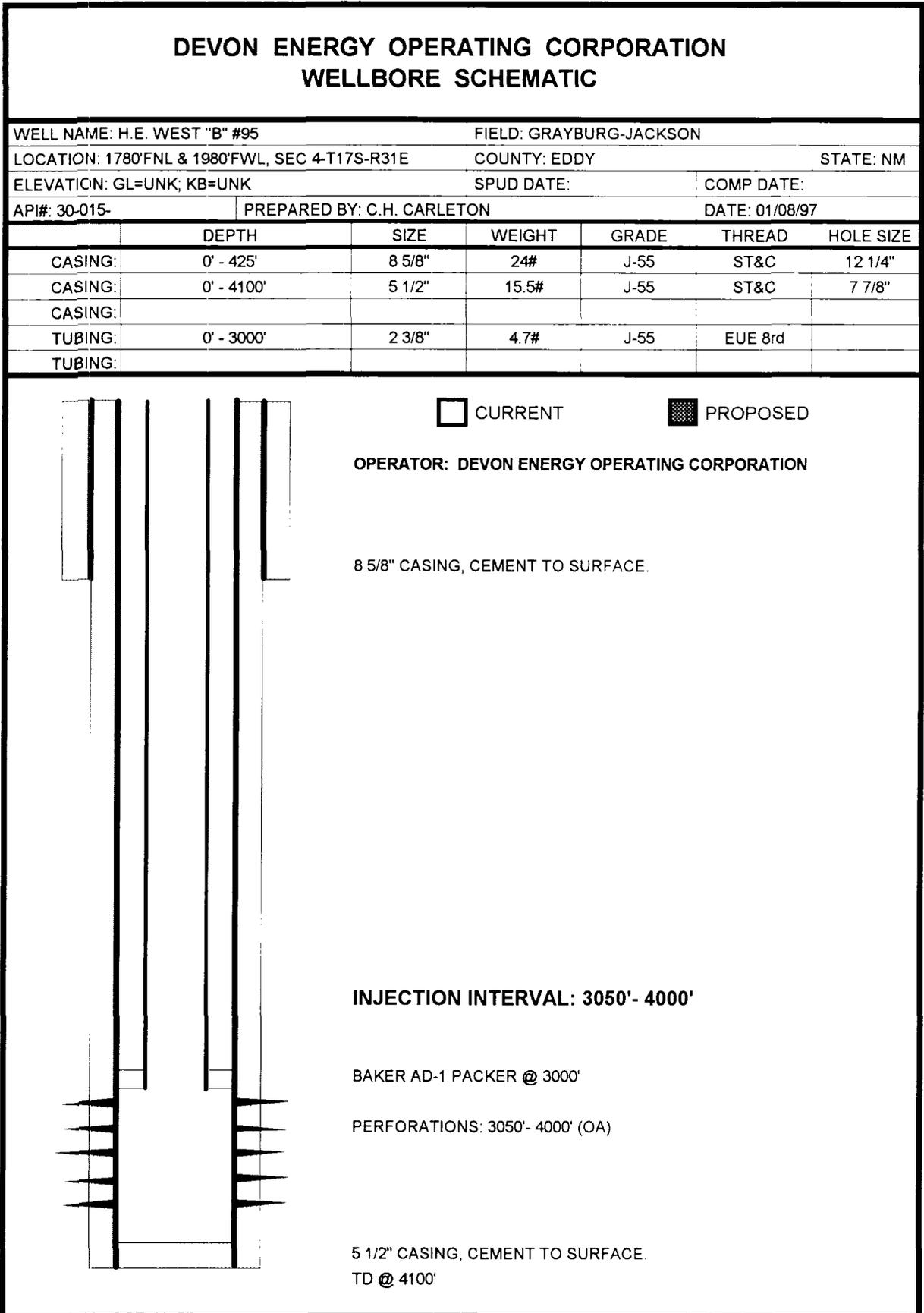
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**DEVON ENERGY OPERATING CORPORATION
APPLICATION FOR AUTHORITY TO INJECT
GRAYBURG-JACKSON WATERFLOOD**

III Well Data:

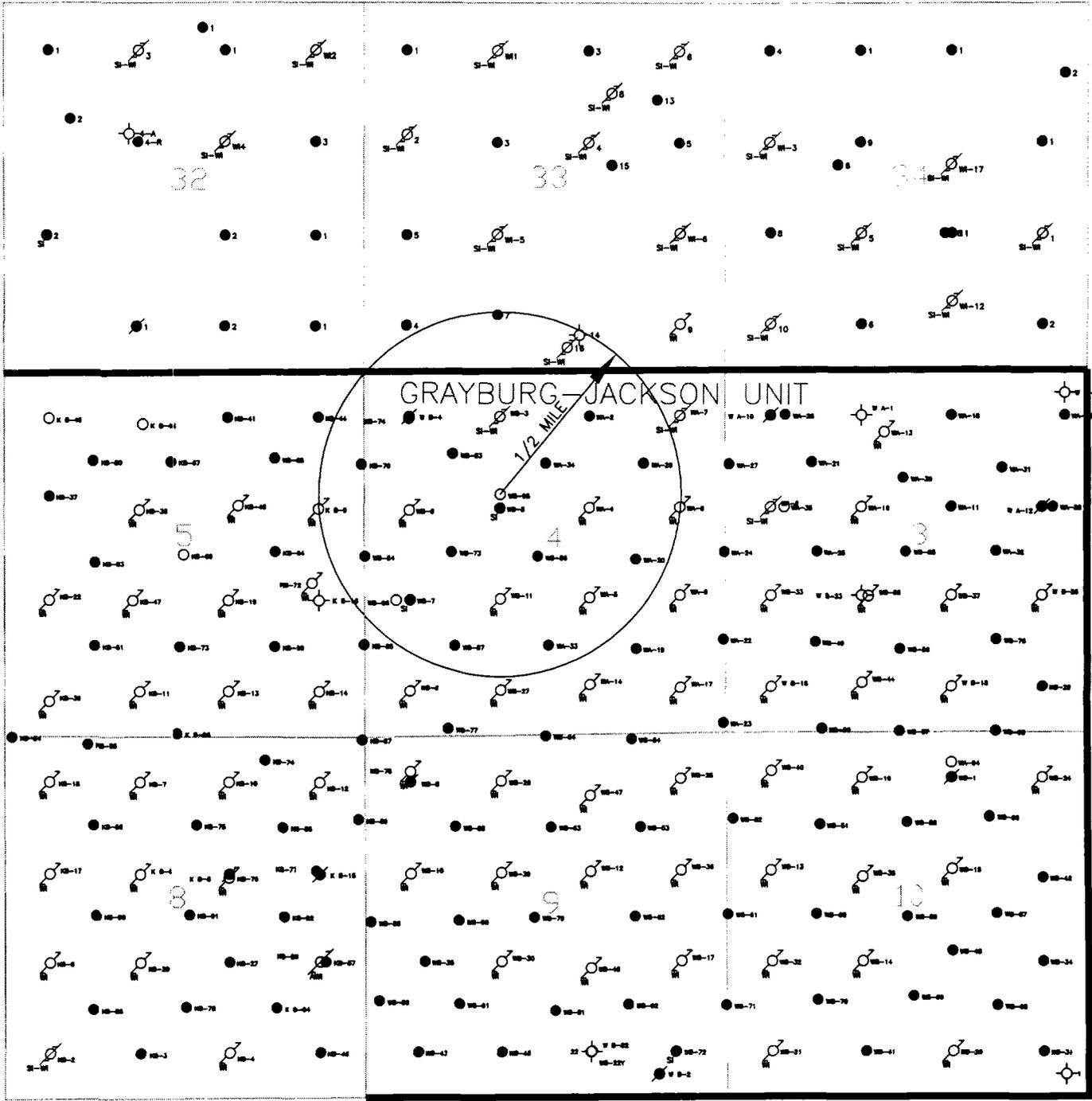
- A. (1) H.E. West "B" #95
1780'FNL & 1980'FWL
Section 4-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
8 5/8" 24# J-55 ST&C @ 425'. TOC @ surface
Hole Size = 12 1/4"
- Production Casing:
5 1/2" 15.5# J-55 LT&C @ 4100'. TOC @ surface
Hole Size = 7 7/8"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 3000'.
- (4) 5 1/2" Baker AD-1 tension packer set at 3000'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson Field.
- (2) Water injection will be through perforations 3050'- 4000'(OA). **The injection interval is 3050'- 4000'.**
- (3) This well will be drilled and completed as an injection well, injecting into the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 3050'- 4000' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones

III Well Data:



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devon
GRAYBURG-JACKSON AREA
 EDDY COUNTY, NEW MEXICO

H.E. WEST "B" #95



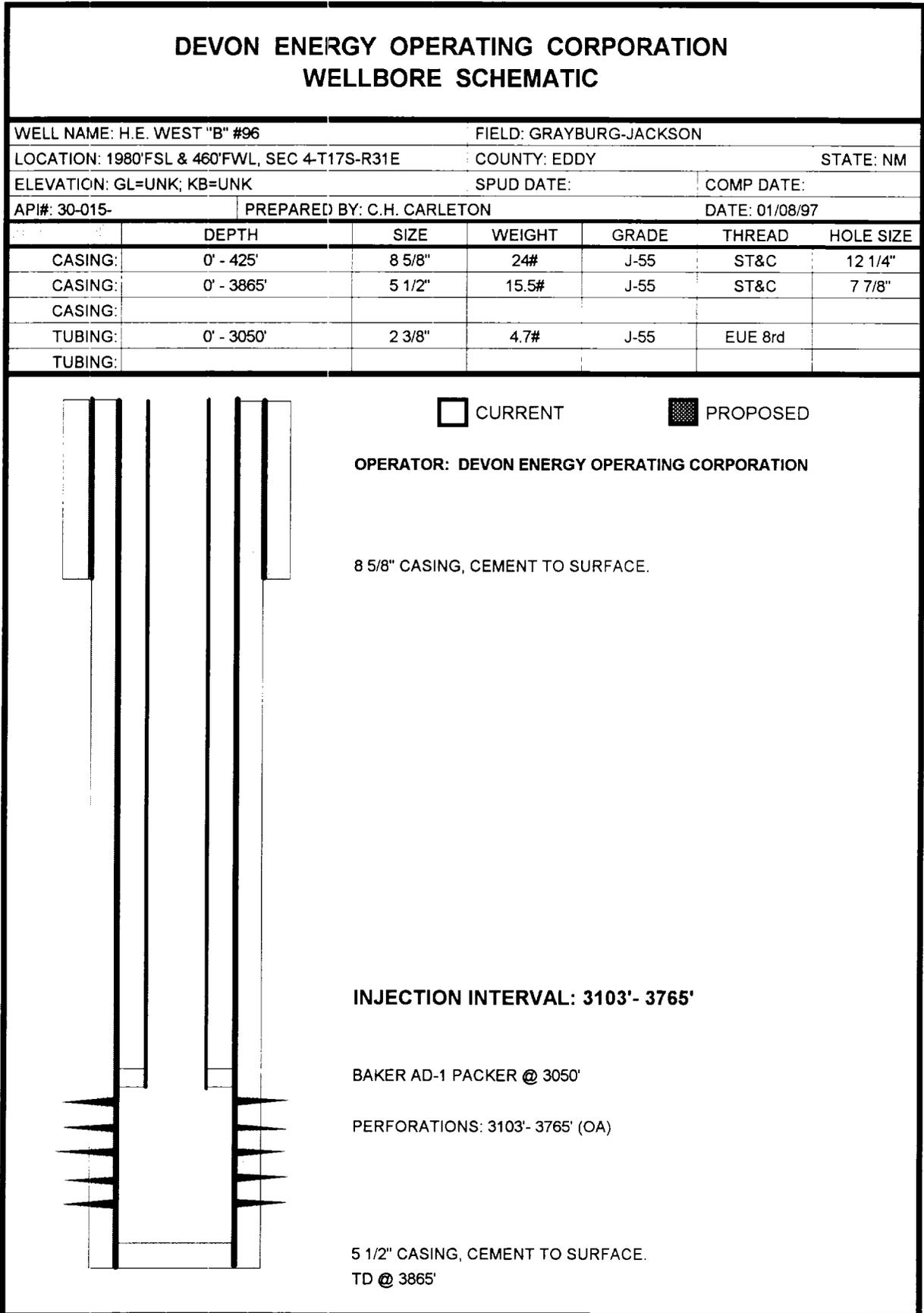
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DEVON ENERGY OPERATING CORPORATION
APPLICATION FOR AUTHORITY TO INJECT
GRAYBURG-JACKSON WATERFLOOD

III **Well Data:**

- A. (1) H.E. West "B" #96
1980'FSL & 460'FWL
Section 4-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
8 5/8" 24# J-55 ST&C @ 425'. TOC @ surface
Hole Size = 12 1/4"
- Production Casing:
5 1/2" 15.5# J-55 LT&C @ 3865'. TOC @ surface
Hole Size = 7 7/8"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 3050'.
- (4) 5 1/2" Baker AD-1 tension packer set at 3050'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson Field.
- (2) Water injection will be through perforations 3103'- 3765'(OA). **The injection interval is 3103'- 3765'.**
- (3) This well will be drilled and completed as an injection well, injecting into the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 3103'- 3765' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones

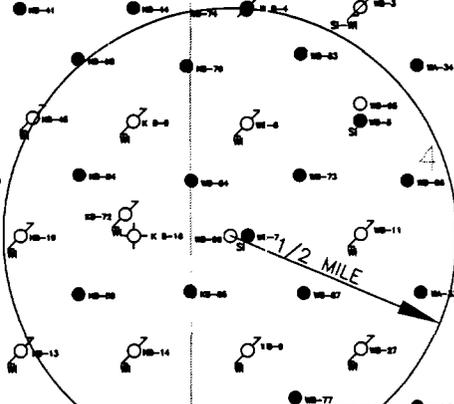
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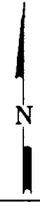
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GRAYBURG-JACKSON UNIT



GRAYBURG-JACKSON AREA
ELOY COUNTY, NEW MEXICO

H.E. WEST "B" #96



WEST-896

