



ENERGY OPERATING CORPORATION

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

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

May 16, 1996

Certified Mail Z 253 342 918

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

Re: Application For Authorization To Inject
Grayburg-Jackson Waterflood Project
Russell/Turner Area - Phase 1
Eddy County, NM

Dear Sir:

Enclosed are two(2) copies of the "Application For Authorization To Inject" covering various leases in Sections 17, 18 & 19 of T17S - R31E, Eddy County, NM.

Please direct any questions regarding this matter to the undersigned at (405) 552-4560.

Sincerely,
Devon Energy Corporation

A handwritten signature in cursive script that reads "Randy Jackson".

Randy Jackson
District Engineer

/chc
enclosures

xc: Well File

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no
- II. Operator: Devon Energy Operating Corporation
Address: 20 N. Broadway, Suite 1500, Oklahoma City, OK 73102
Contact party: Mr. Randy Jackson Phone: (405) 552-4560
- III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? ☒ yes ☐ no
If yes, give the Division order number authorizing the project R-2268.
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- * VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- * X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- * XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification
- I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- Name: Randy Jackson Title: District Engineer
- Signature: *Randy Jackson* Date: May 16, 1996
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS WFX-687

Operator: DEVON ENERGY CO. Well: KEEL - West - 37 WELLS
Contact: SKR CARLSON Title: P.E. Phone: 405-552-4528
DATE IN 5-6-96 RELEASE DATE 5-20 DATE OUT 6-19

Proposed Injection Application is for: ☒ **WATERFLOOD** ☐ Expansion ☐ Initial
Original Order: R- ☐ ☒ Secondary Recovery ☐ Pressure Maintenance
SENSITIVE AREAS ☐ **SALT WATER DISPOSAL** ☐ Commercial Well

☐ WIPP ☐ Capitan Reef

Data is complete for proposed well(s)? ☐ Additional Data Req'd YES 5-15-96

AREA of REVIEW WELLS

97 Total # of AOR 40 # of Plugged Wells
☐ Tabulation Complete YES Schematics of P & A's
☐ Cement Tops Adequate ☒ AOR Repair Required RE-PLUG GRIPER/FVERTS NO. 1
PRIOR TO INJECTING 34 & 37
(KEEL "B")

INJECTION FORMATION

Injection Formation(s) _____ Compatible Analysis _____

Source of Water or Injectate _____

PROOF of NOTICE

YES Copy of Legal Notice ☒ Information Printed Correctly
YES Correct Operators ☒ Copies of Certified Mail Receipts
YES Objection Received ☐ Set to Hearing _____ Date

NOTES: NEED ADDITIONAL INFO
SATISFIED

APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL? YES

COMMUNICATION WITH CONTACT PERSON:

1st Contact:	<input checked="" type="checkbox"/> Telephoned	<input type="checkbox"/> Letter	<u>5-15-96</u> Date	Nature of Discussion	<u>ADD INFO</u>
2nd Contact:	<input type="checkbox"/> Telephoned	<input checked="" type="checkbox"/> Letter	<u>6-17</u> Date	Nature of Discussion	<u>RECEIVED FAX</u>
3rd Contact:	<input type="checkbox"/> Telephoned	<input type="checkbox"/> Letter	_____ Date	Nature of Discussion	_____

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

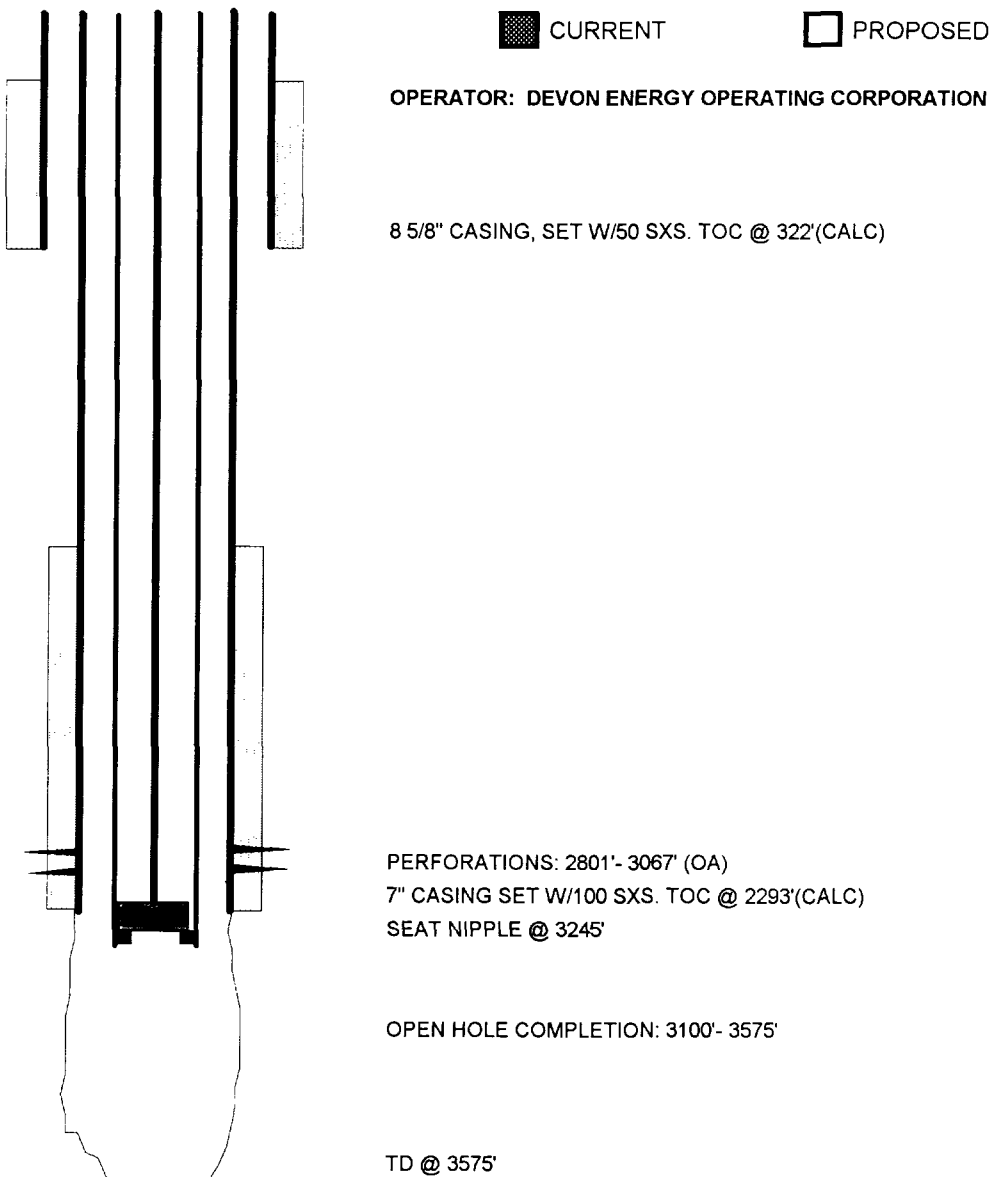
III Well Data:

- A. (1) J.L. Keel "A" #3
330'FNL & 1650'FWL
Section 7-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
8 5/8" 28# @ 558'. Set with 50 sxs. TOC @ 322'(Calculated)
Hole Size = 10"
- Production Casing:
7" 24# @ 3100'. Set with 100 sxs. TOC @ 2293'(Calculated)
Hole Size = 8"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2750'.
- (4) 7" Baker J-LOC tension packer set at 2750'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
- (2) The injection interval will be through perforations 2801'- 3067' and open hole 3150'- 3575'.
The injection interval is 2700'- 3567'.
- (3) This well was originally drilled and completed as an oil well , producing from the
Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 2700'- 3567' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known
lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: J.L. KEEL "A" #3			FIELD: GRAYBURG-JACKSON			
LOCATION: 330'FSL & 1650'FWL, SEC 7-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3719'; KB=UNK			SPUD DATE: 04/20/38		COMP DATE: 07/01/38	
API#: 30-015-05091		PREPARED BY: C.H. CARLETON			DATE: 04/17/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 558'	8 5/8"	28#			10"
CASING:	0' - 3100'	7"	24#			8"
CASING:						
TUBING:	0' - 3245'	2 7/8"	6.5#	J-55	8rd	
TUBING:						

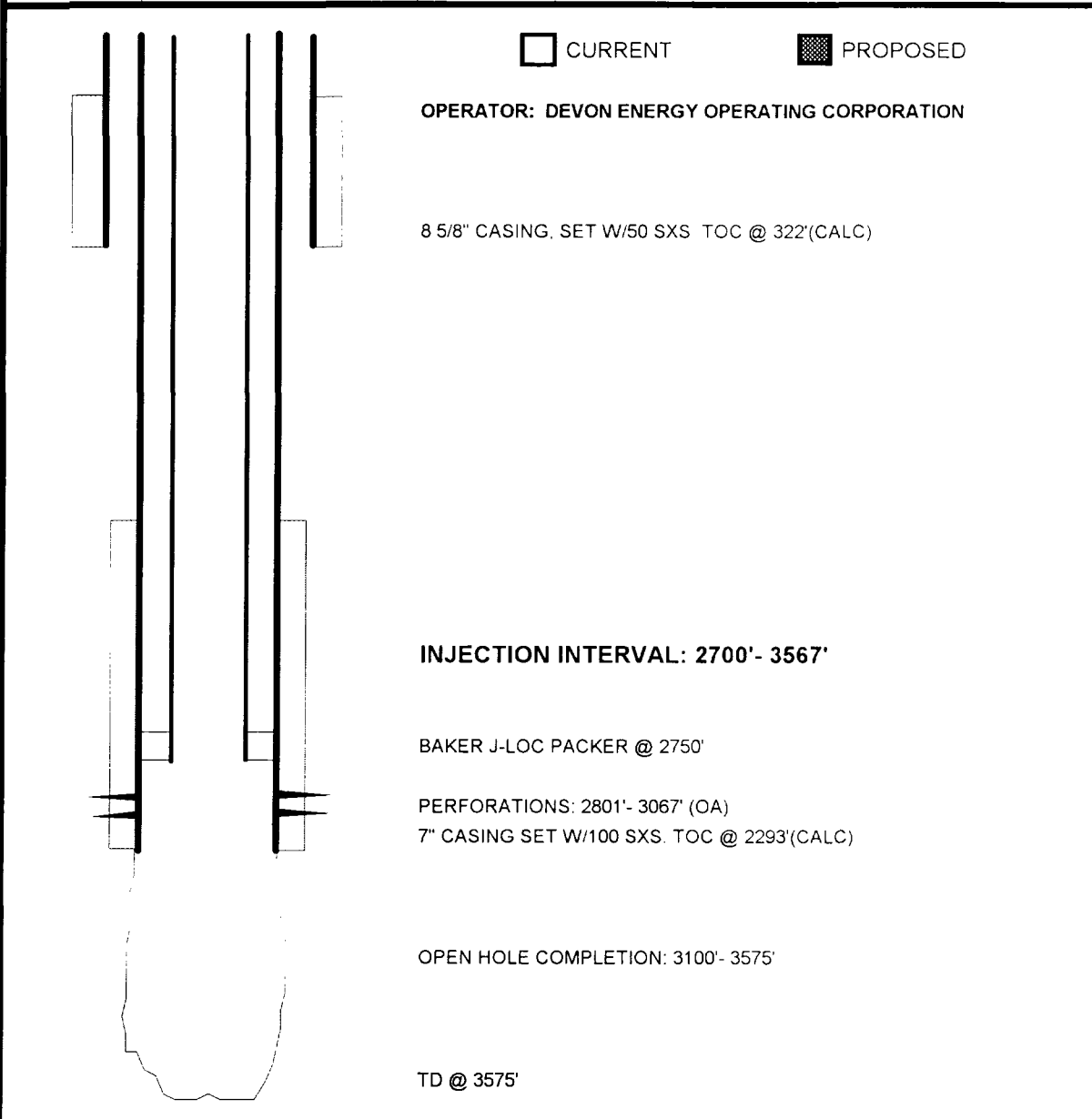


NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: J.L. KEEL "A" #3				FIELD: GRAYBURG-JACKSON			
LOCATION: 330'FSL & 1650'FWL, SEC 7-T17S-R31E				COUNTY: EDDY			STATE: NM
ELEVATION: GL=3719'; KB=UNK				SPUD DATE: 04/20/38		COMP DATE: 07/01/38	
API#: 30-015-05091		PREPARED BY: C.H. CARLETON				DATE: 05/01/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE	
CASING:	0' - 558'	8 5/8"	28#			10"	
CASING:	0' - 3100'	7"	24#			8"	
CASING:							
TUBING:	0' - 2750'	2 3/8"	4.7#	J-55	EUE 8rd		
TUBING:							



NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

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

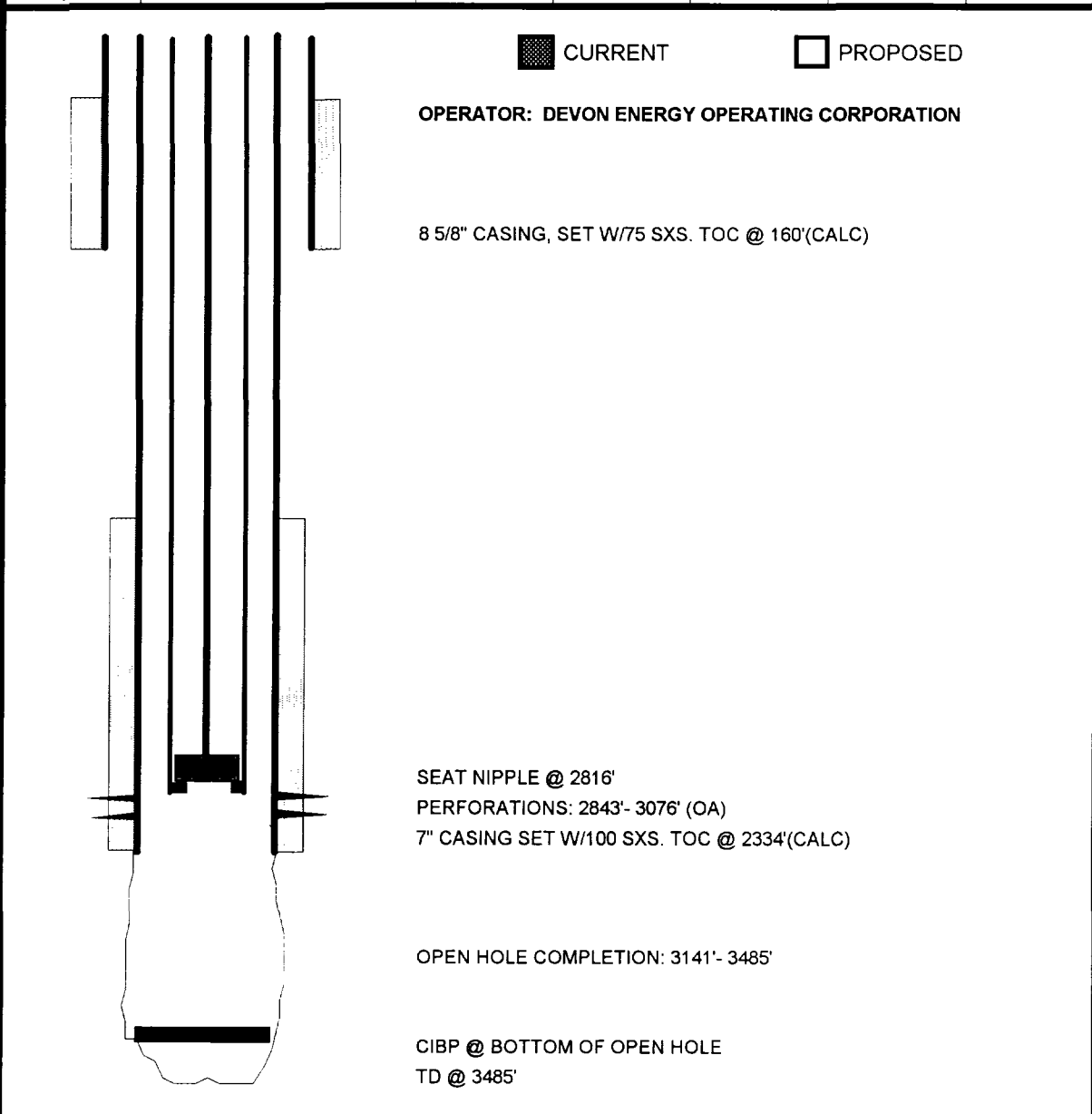
III Well Data:

- A. (1) J.L. Keel "A" #6
660'FSL & 660'FEL
Section 7-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
8 5/8" 28# @ 514'. Set with 75 sxs. TOC @ 160'(Calculated)
Hole Size = 10"
- Production Casing:
7" 24# @ 3141'. Set with 100 sxs. TOC @ 2334'(Calculated)
Hole Size = 8"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2800'.
- (4) 7" Baker J-LOC tension packer set at 2800'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
- (2) The injection interval will be through perforations 2843'- 3076' and open hole 3141'- 3485'.
The injection interval is 2710'- 3485'.
- (3) This well was originally drilled and completed as an oil well , producing from the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 2710'- 3485' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: J.L. KEEL "A" #6			FIELD: GRAYBURG-JACKSON			
LOCATION: 660'FSL & 660'FEL, SEC 7-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3708'; KB=UNK			SPUD DATE: 03/21/44		COMP DATE: 06/15/44	
API#: 30-015-05094		PREPARED BY: C.H. CARLETON			DATE: 04/17/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 514'	8 5/8"	28#			10"
CASING:	0' - 3141'	7"	24#			8"
CASING:						
TUBING:	0' - 2816'	2 3/8"	4.7#	J-55	8rd	
TUBING:						

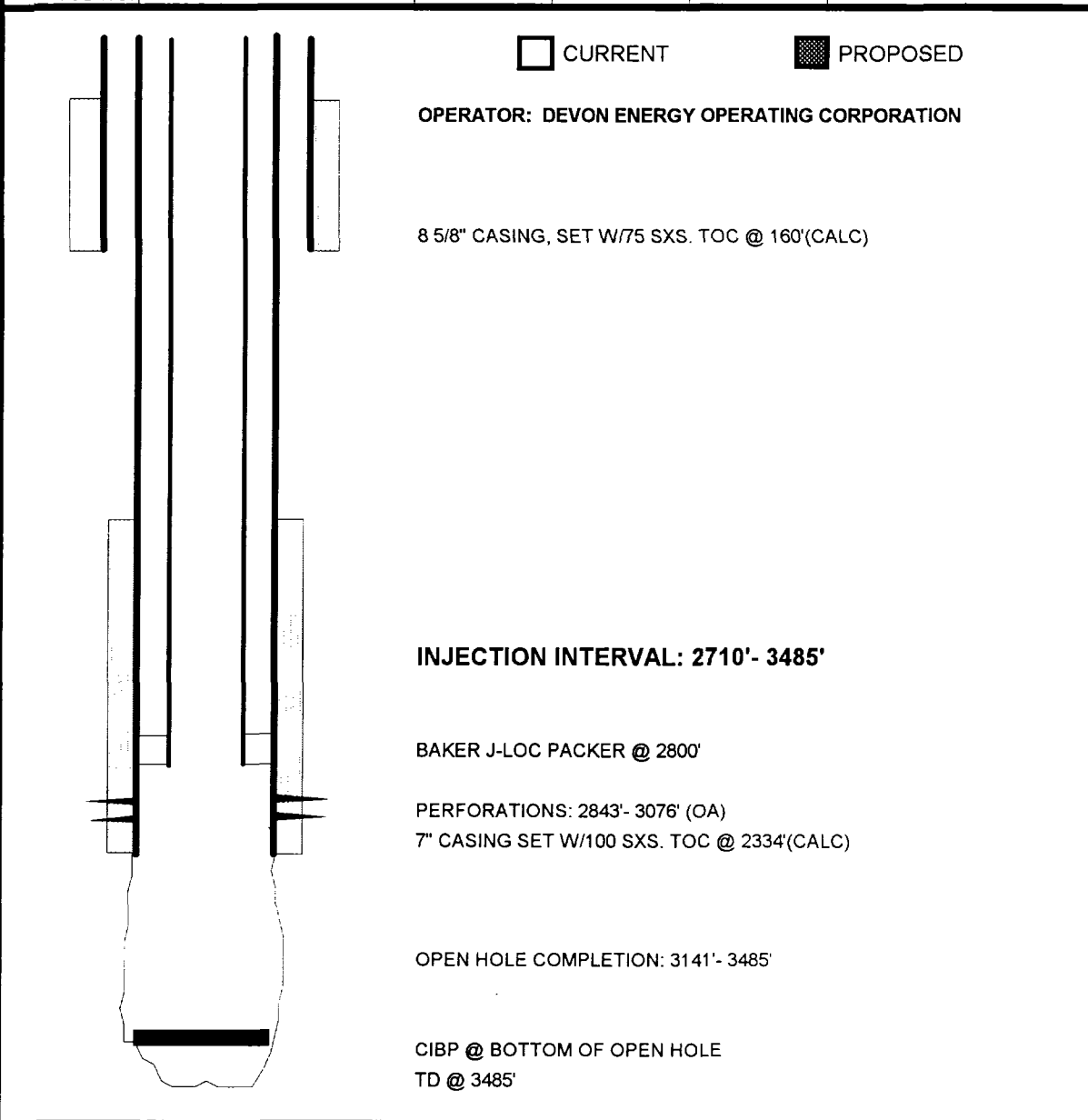


NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: J.L. KEEL "A" #6			FIELD: GRAYBURG-JACKSON			
LOCATION: 660'FSL & 660'FEL, SEC 7-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3708'; KB=UNK			SPUD DATE: 03/21/44		COMP DATE: 06/15/44	
API#: 30-015-05094		PREPARED BY: C.H. CARLETON			DATE: 05/01/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 514'	8 5/8"	28#			10"
CASING:	0' - 3141'	7"	24#			8"
CASING:						
TUBING:	0' - 2800'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

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

III Well Data:

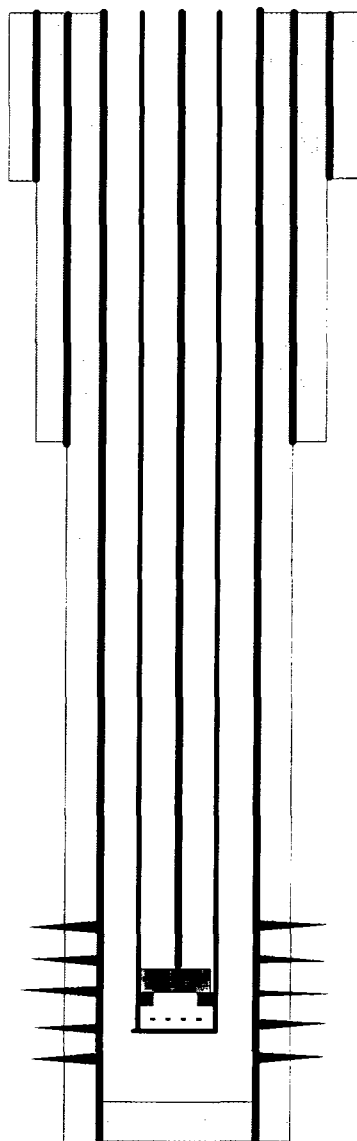
- A. (1) J.L. Keel "A" #30
430'FSL & 2013'FEL
Section 7-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
13 3/8" 48# H-40 @ 465'. Set with 700 sxs. TOC @ surface
Hole Size = 17 1/2"
- Intermediate Casing:
8 5/8" 24# J-55 @ 1517'. Set with 1200 sxs. TOC @ surface
Hole Size = 11"
- Production Casing:
5 1/2" 15.5# J-55 @ 3764'. Set with 875 sxs. TOC @ surface
Hole Size: 7 7/8"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2700'.
- (4) 5 1/2" Baker AD-1 tension packer set at 2700'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
- (2) The injection interval will be through perforations 2754'- 3619'. The injection interval is 2700'- 3680'.
- (3) This well was originally drilled and completed as an oil well , producing from the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 2700'- 3680' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: J.L. KEEL "A" #30		FIELD: GRAYBURG-JACKSON	
LOCATION: 430'FSL & 2013'FEL, SEC 7-T17S-R31E		COUNTY: EDDY	STATE: NM
ELEVATION: GL=3694'; KB=3708'		SPUD DATE: 08/21/95	COMP DATE: 09/17/95
API#: 30-015-28306	PREPARED BY: C.H. CARLETON		DATE: 04/17/96

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 465'	13 3/8"	48#	H-40	ST&C	17 1/2"
CASING:	0' - 1517'	8 5/8"	24#	J-55	ST&C	11"
CASING:	0' - 3764'	5 1/2"	15.5#	J-55	LT&C	7 7/8"
TUBING:	0' - 3251'	2 7/8"	6.5#	J-55	EUE 8rd	
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

13 3/8" CASING, SET W/700 SXS. TOC @ SURFACE.

8 5/8" CASING, SET W/1200 SXS. TOC @ SURFACE.

PERFORATIONS: 2754'- 3619' (OA)
SEAT NIPPLE @ 3214"

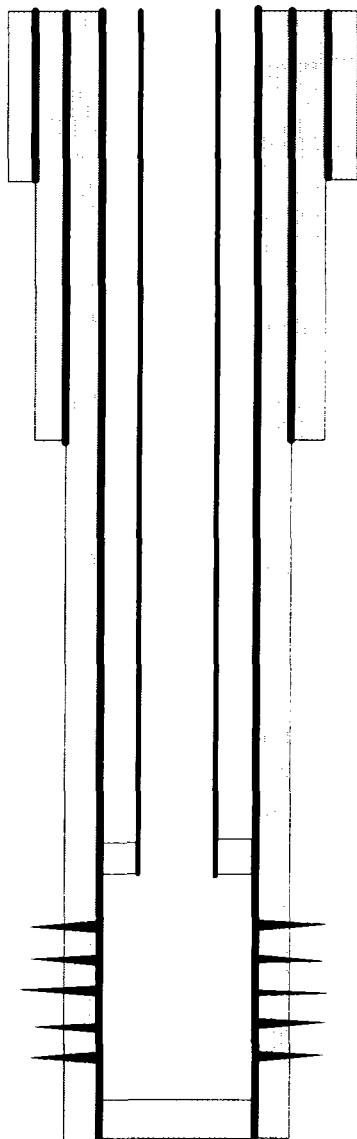
PBTD @ 3719'
5 1/2" CASING SET W/875 SXS. TOC @ SURFACE
TD @ 3765'

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: J.L. KEEL "A" #30		FIELD: GRAYBURG-JACKSON	
LOCATION: 430'FSL & 2013'FEL, SEC 7-T17S-R31E		COUNTY: EDDY	STATE: NM
ELEVATION: GL=3694'; KB=3708'		SPUD DATE: 08/21/95	COMP DATE: 09/17/95
API#: 30-015-28306	PREPARED BY: C.H. CARLETON		DATE: 05/01/96

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 465'	13 3/8"	48#	H-40	ST&C	17 1/2"
CASING:	0' - 1517'	8 5/8"	24#	J-55	ST&C	11"
CASING:	0' - 3764'	5 1/2"	15.5#	J-55	LT&C	7 7/8"
TUBING:	0' - 2700'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



☐ CURRENT

☒ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

13 3/8" CASING, SET W/700 SXS. TOC @ SURFACE.

8 5/8" CASING, SET W/1200 SXS. TOC @ SURFACE.

INJECTION INTERVAL: 2700'- 3680'

BAKER AD-1 PACKER @ 2700'

PERFORATIONS: 2754'- 3619' (OA)

PBTD @ 3719'

5 1/2" CASING SET W/875 SXS. TOC @ SURFACE

TD @ 3765'

**DEVON ENERGY OPERATING CORPORATION
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GRAYBURG-JACKSON WATERFLOOD**

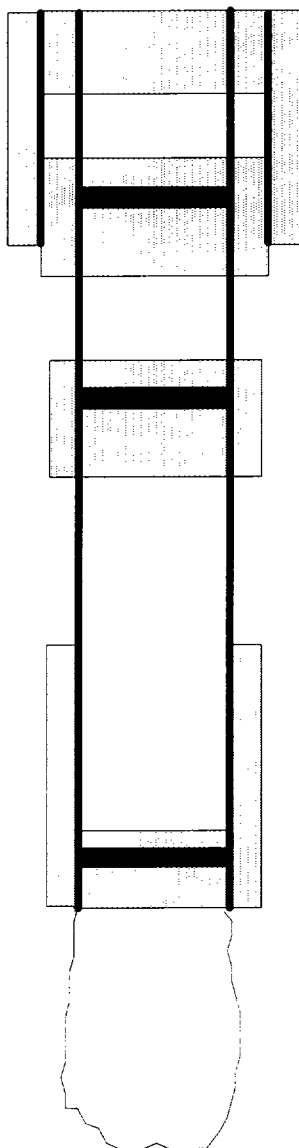
III Well Data:

- A.
- (1) Hudson Federal #1
660'FNL & 660'FEL
Section 18-T17S-R31E
Eddy County, NM
 - (2) Surface Casing:
8 5/8" @ 570'. Set with 50 sxs. TOC @ surface
Hole Size = 10"
 - Production Casing:
7" @ 2795'. Set with 100 sxs. TOC @ 2100'(CBL)
Hole Size = 8"
 - (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2750'.
 - (4) 7" Baker J-LOC tension packer set at 2750'.
- B.
- (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
 - (2) The injection interval will be through open hole 2795'- 3533'. The injection interval is 2700'- 3500'.
 - (3) This well was originally drilled and completed as a Grayburg/San Andres oil well , but was later converted to a water injection well injecting into the Grayburg/San Andres formation. Presently this well is P&A'd.
 - (4) Additional perforations may be added in the 2700'- 3500' interval.
 - (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: HUDSON FEDERAL #1			FIELD: GRAYBURG-JACKSON			
LOCATION: 660'FNL & 660'FEL, SEC 18-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3740' ; KB=UNK			SPUD DATE: 01/24/39		COMP DATE: 05/20/39	
API#: 30-015-05208		PREPARED BY: C.H. CARLETON			DATE: 04/18/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 570'	8 5/8"				10"
CASING:	0' - 2795'	7"				8"
CASING:						
TUBING:						
TUBING:						



☒ CURRENT

☐ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

DATE PLUGGED: 12/17/80

CEMENT PLUG: 0' - 200'

CEMENT RETAINER @ 510'. PUMP 100 SXS BELOW & CAP W/50' CMT.

8 5/8" CASING, SET W/50 SXS. TOC @ SURFACE

PERF 7" CASING @ 600' - 602' (8 HOLES)

CEMENT RETAINER @ 1212'. PUMP 100 SXS BELOW & CAP W/50' CMT.

PERF 7" CASING @ 1300' - 1302' (8 HOLES)

CEMENT RETAINER @ 2690'. PUMP 200 SXS BELOW & CAP W/50' CMT.

7" CASING SET W/100 SXS. TOC @ 2100'(CBL)

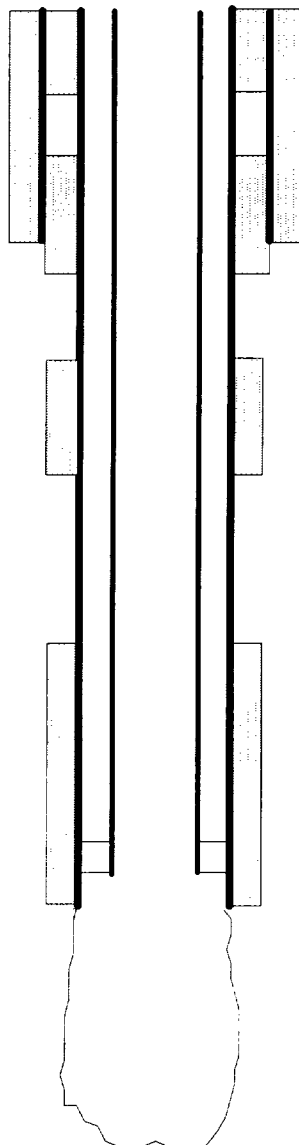
OPEN HOLE COMPLETION: 2795' - 3533'

TD @ 3533'

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: HUDSON FEDERAL #1			FIELD: GRAYBURG-JACKSON			
LOCATION: 660'FNL & 660'FEL, SEC 18-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3740' ; KB=UNK			SPUD DATE: 01/24/39		COMP DATE: 05/20/39	
API#: 30-015-05208		PREPARED BY: C.H. CARLETON			DATE: 05/01/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 570'	8 5/8"				10"
CASING:	0' - 2795'	7"				8"
CASING:						
TUBING:	0' - 2750'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



CURRENT

 PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

8 5/8" CASING, SET W/50 SXS. TOC @ SURFACE

INJECTION INTERVAL: 2700'- 3500'

BAKER J-LOC PACKER @ 2750'

7" CASING SET W/100 SXS. TOC @ 2100'(CBL)

OPEN HOLE COMPLETION: 2795'- 3533'

TD @ 3533'

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

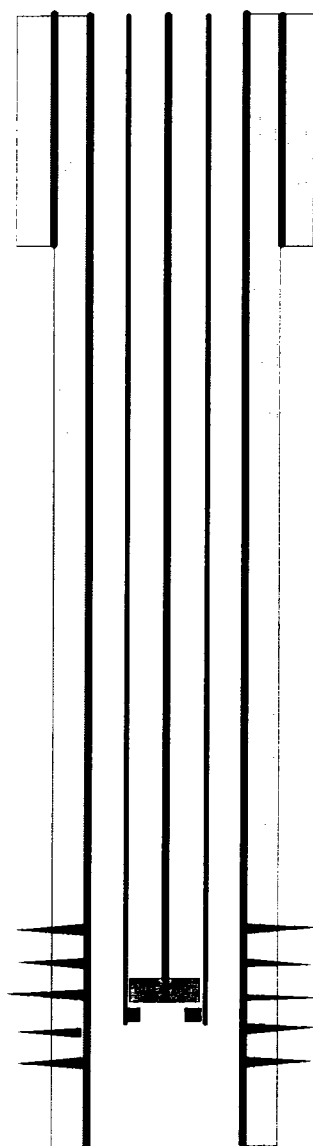
III Well Data:

- A.
- (1) Hudson Federal #6
2310'FNL & 990'FEL
Section 18-T17S-R31E
Eddy County, NM
 - (2) Surface Casing:
8 5/8" 44# @ 373'. Set with 275 sxs. TOC @ surface
Hole Size = 12 1/4"
 - Production Casing:
5 1/2" 17# @ 3505'. Set with 1700 sxs. TOC @ surface
Hole Size = 7 7/8"
 - (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2700'.
 - (4) 5 1/2" Baker AD-1 tension packer set at 2700'.
- B.
- (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
 - (2) The injection interval will be through perforations 2782'- 3469'. The injection interval is 2670'- 3500'.
 - (3) This well was originally drilled and completed as an oil well , producing from the Grayburg/San Andres formation.
 - (4) Additional perforations may be added in the 2670'- 3500' interval.
 - (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: HUDSON FEDERAL #6			FIELD: GRAYBURG-JACKSON			
LOCATION: 2310'FNL & 990'FEL, SEC 18-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3699'; KB=3709'			SPUD DATE: 11/23/88		COMP DATE: 12/12/88	
API#: 30-015-26008		PREPARED BY: C.H. CARLETON			DATE: 04/17/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 373'	8 5/8"	44#			12 1/4"
CASING:	0' - 3505'	5 1/2"	17#			7 7/8"
CASING:						
TUBING:	0' - 3400'	2 7/8"	6.5#			
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

8 5/8" CASING, SET W/275 SXS. TOC @ SURFACE.

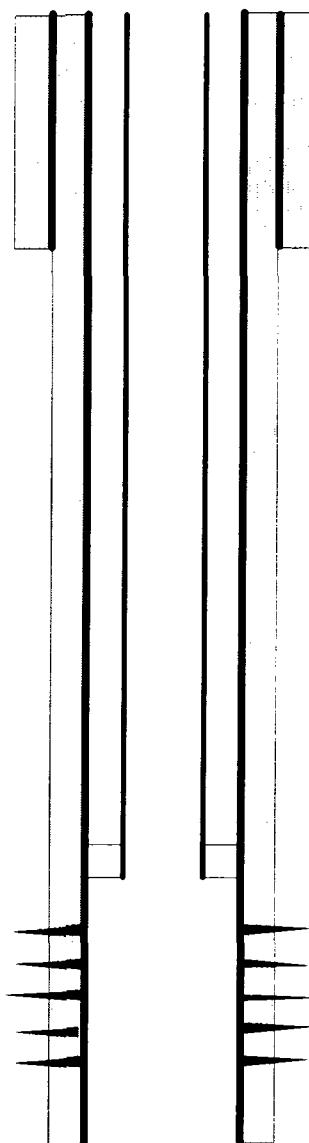
PERFORATIONS: 2782'- 3469' (OA)
SEAT NIPPLE @ 3400"

5 1/2" CASING SET W/1700 SXS. TOC @ SURFACE
TD @ 3505'

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: HUDSON FEDERAL #6			FIELD: GRAYBURG-JACKSON			
LOCATION: 2310'FNL & 990'FEL, SEC 18-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3699'; KB=3709'			SPUD DATE: 11/23/88		COMP DATE: 12/12/88	
API#: 30-015-26008		PREPARED BY: C.H. CARLETON			DATE: 05/01/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 373'	8 5/8"	44#			12 1/4"
CASING:	0' - 3505'	5 1/2"	17#			7 7/8"
CASING:						
TUBING:	0' - 2700'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



☐ CURRENT

☒ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

8 5/8" CASING, SET W/275 SXS. TOC @ SURFACE.

INJECTION INTERVAL: 2670'- 3500'

BAKER AD-1 PACKER @ 2700'

PERFORATIONS: 2782'- 3469' (OA)

5 1/2" CASING SET W/1700 SXS. TOC @ SURFACE
TD @ 3505'

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

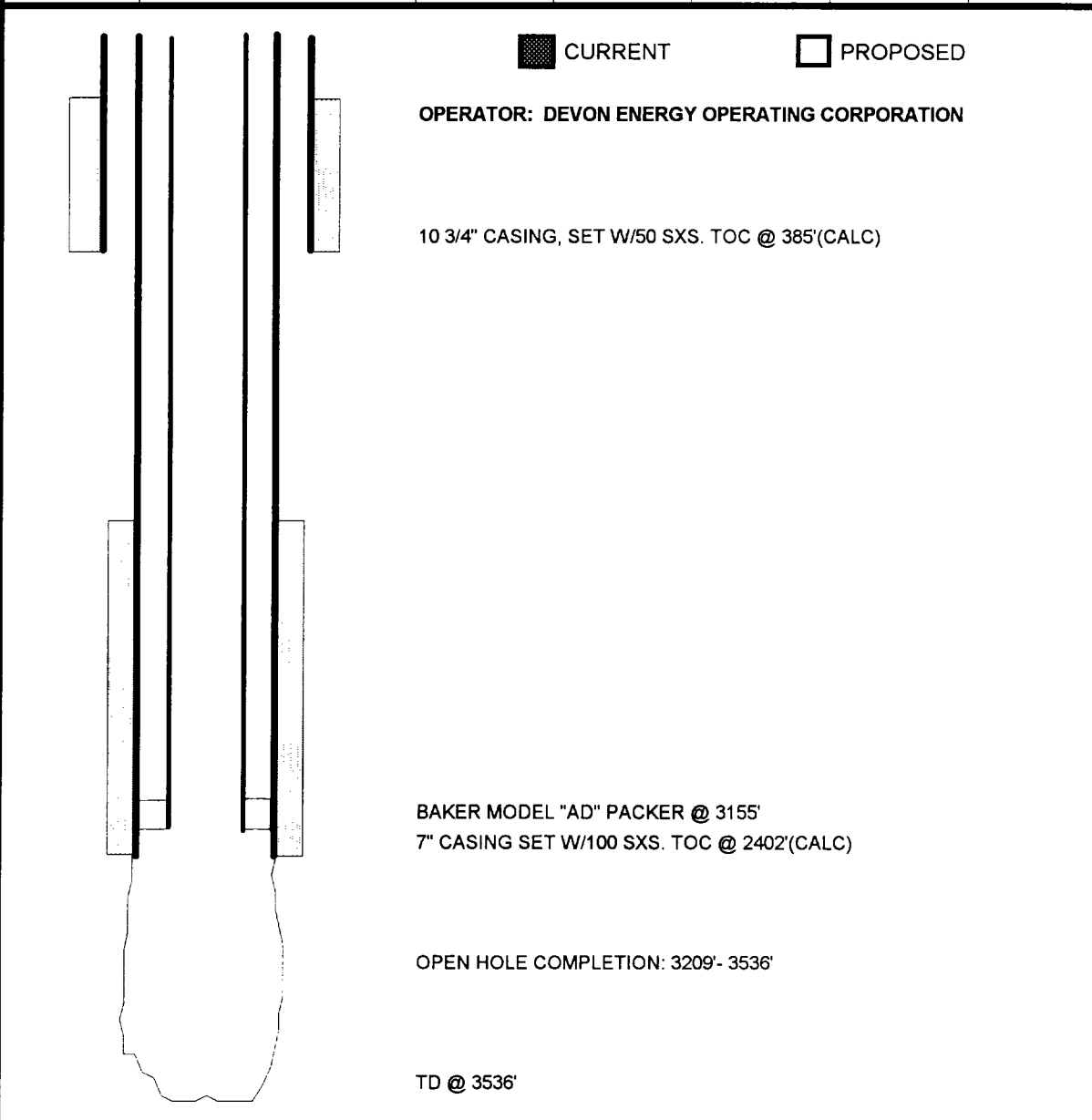
III Well Data:

- A. (1) C.A. Russell #6
990'FNL & 1384'FWL
Section 18-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
10 3/4" @ 534'. Set with 50 sxs. TOC @ 385'(Calculated)
Hole Size = unknown
- Production Casing:
7" @ 3209'. Set with 100 sxs. TOC @ 2402'(Calculated)
Hole Size = unknown
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 3150'.
- (4) 7" Baker J-LOC tension packer set at 3150'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
- (2) The injection interval will be through open hole 3209'- 3650'. The injection interval is 2710'- 3650'.
- (3) This well was originally drilled and completed as a Grayburg/San Andres oil well , but has since been converted to a water injection well injecting into the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 2710'- 3650' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: C.A. RUSSELL #6			FIELD: GRAYBURG-JACKSON			
LOCATION: 990'FNL & 1384'FWL, SEC 18-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3763'; KB=UNK			SPUD DATE: 08/08/36		COMP DATE: 11/26/36	
API#: 30-015-05219		PREPARED BY: C.H. CARLETON			DATE: 04/17/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 534'	10 3/4"				12 1/2"
CASING:	0' - 3209'	7"				8"
CASING:						
TUBING:	0' - 3155'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						

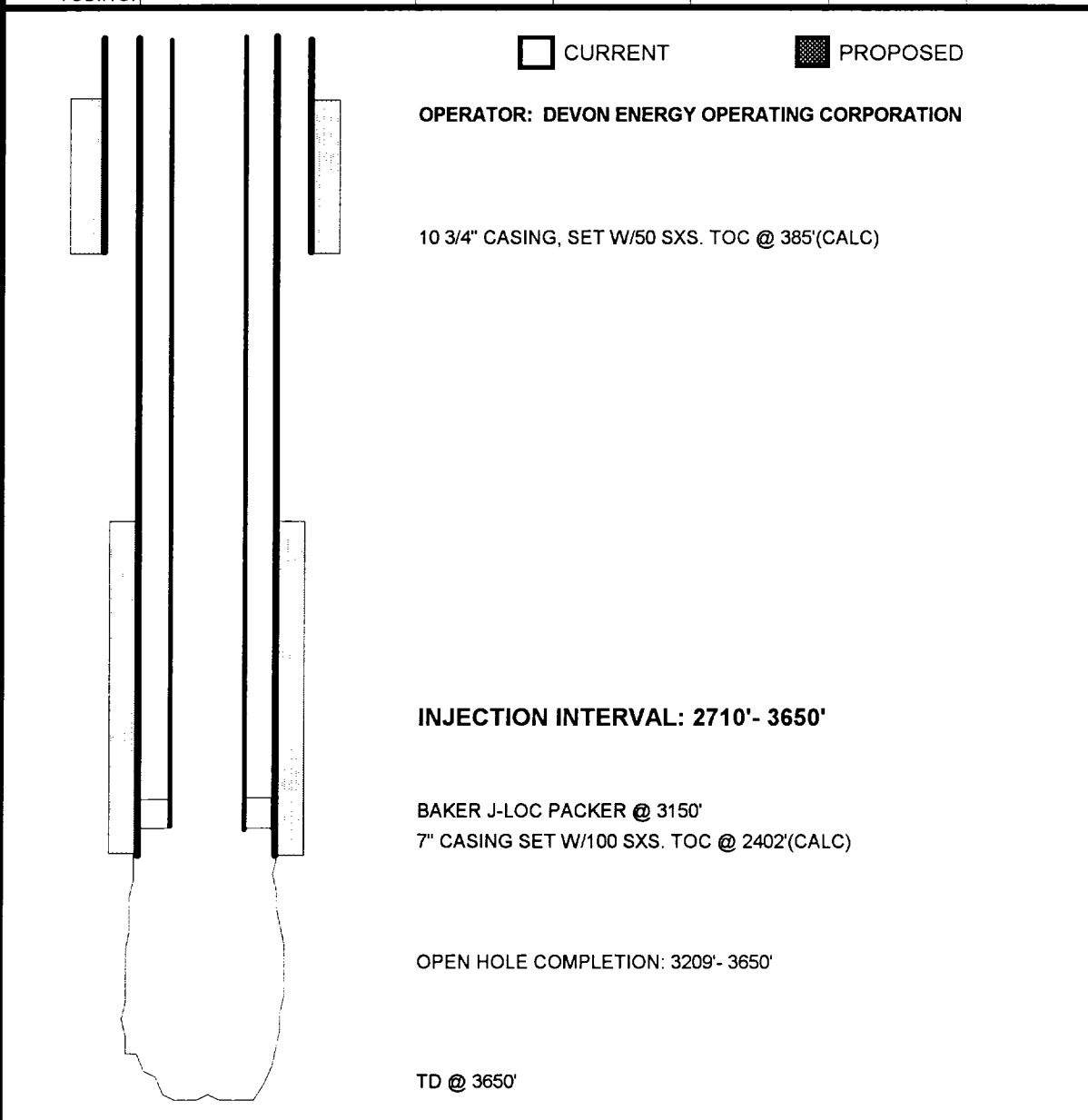


NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: C.A. RUSSELL #6				FIELD: GRAYBURG-JACKSON		
LOCATION: 990'FNL & 1384'FWL, SEC 18-T17S-R31E				COUNTY: EDDY		STATE: NM
ELEVATION: GL=3763'; KB=UNK				SPUD DATE: 08/08/36		COMP DATE: 11/26/36
API#: 30-015-05219		PREPARED BY: C.H. CARLETON			DATE: 05/01/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 534'	10 3/4"				12 1/2"
CASING:	0' - 3209'	7"				8"
CASING:						
TUBING:	0' - 3150'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

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

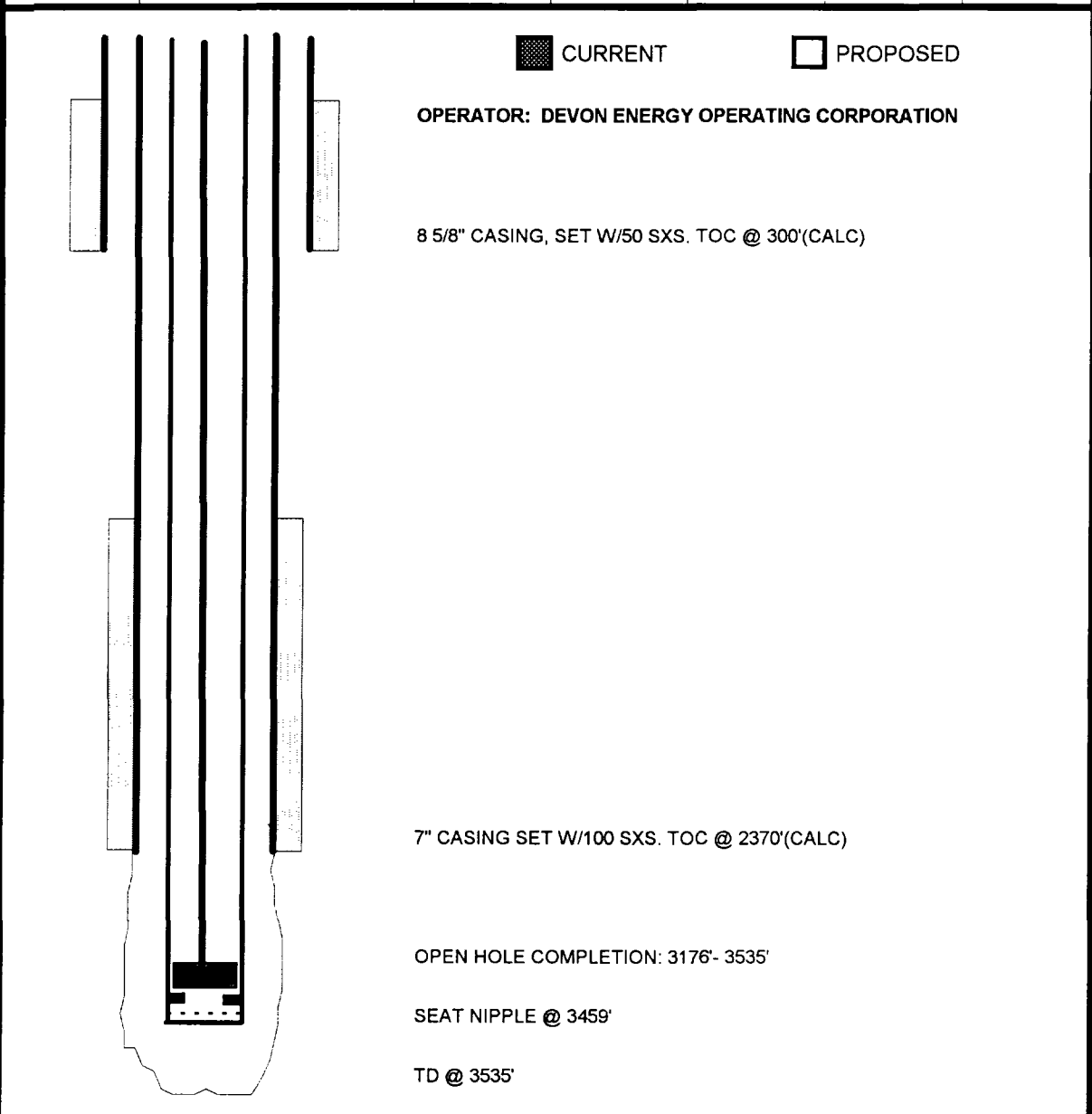
III Well Data:

- A. (1) C.A. Russell #7
1650'FNL & 1384'FWL
Section 18-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
8 5/8" 32# @ 536'. Set with 50 sxs. TOC @ 300'(Calculated)
Hole Size = unknown
- Production Casing:
7" 24# @ 3176'. Set with 100 sxs. TOC @ 2370'(Calculated)
Hole Size = unknown
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 3100'.
- (4) 7" Baker J-LOC tension packer set at 3100'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
- (2) The injection interval will be through open hole 3176'- 3535'. The injection interval is 2700'- 3535'.
- (3) This well was originally drilled and completed as an oil well , producing from the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 2700'- 3535' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: C.A. RUSSELL #7			FIELD: GRAYBURG-JACKSON			
LOCATION: 1650'FNL & 1384'FWL, SEC 18-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3763'; KB=UNK			SPUD DATE: 01/23/37		COMP DATE: 04/16/37	
API#: 30-015-05220		PREPARED BY: C.H. CARLETON			DATE: 04/17/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 536'	8 5/8"	32#			10"
CASING:	0' - 3176'	7"	24#			8"
CASING:						
TUBING:	0' - 3477'	2 7/8"	6.5#	J-55	EUE 8rd	
TUBING:						

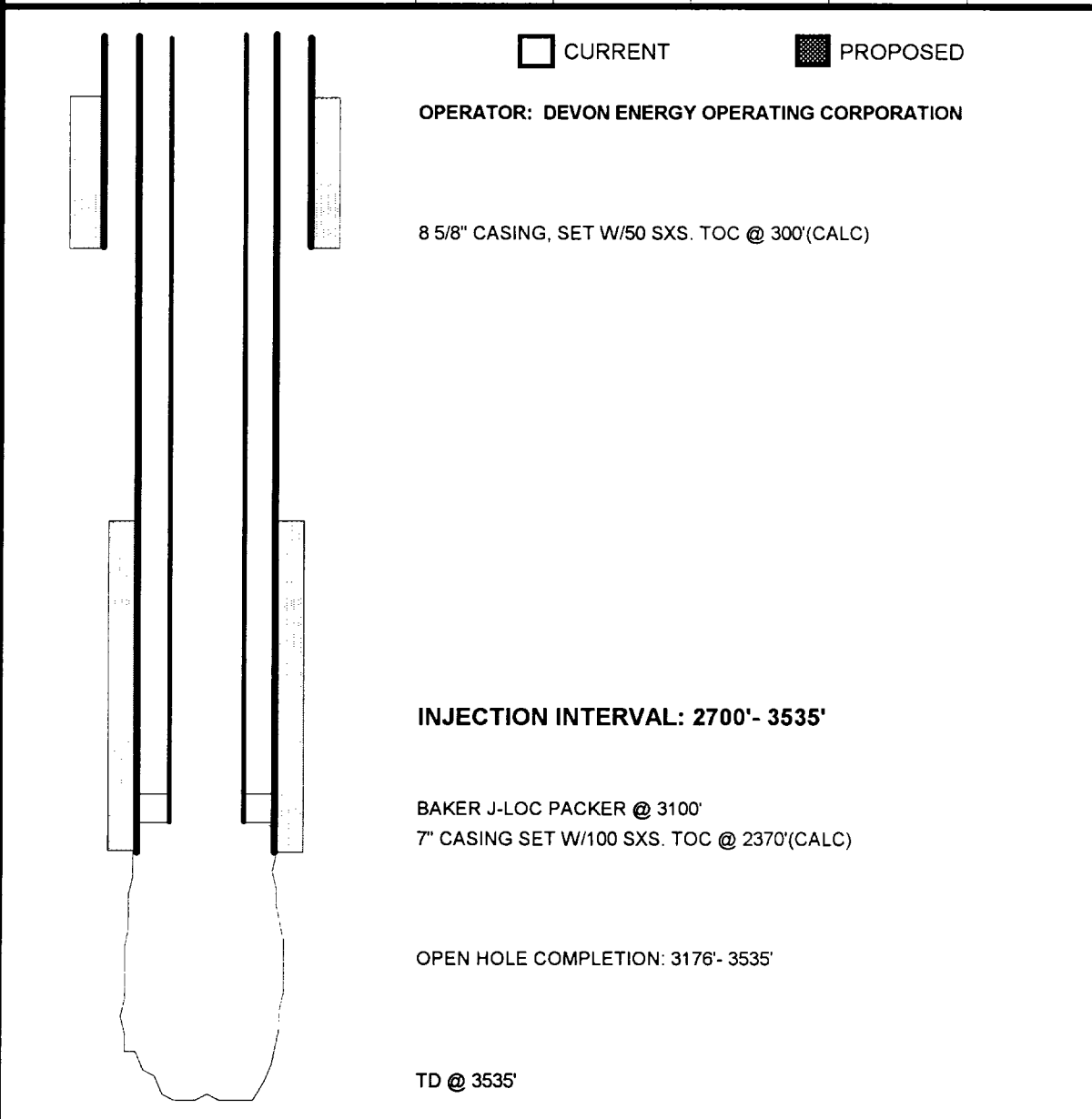


NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: C.A. RUSSELL #7			FIELD: GRAYBURG-JACKSON			
LOCATION: 1650'FNL & 1384'FWL, SEC 18-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3763'; KB=UNK			SPUD DATE: 01/23/37		COMP DATE: 04/16/37	
API#: 30-015-05220		PREPARED BY: C.H. CARLETON			DATE: 05/01/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 536'	8 5/8"	32#			10"
CASING:	0' - 3176'	7"	24#			8"
CASING:						
TUBING:	0' - 3100'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

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

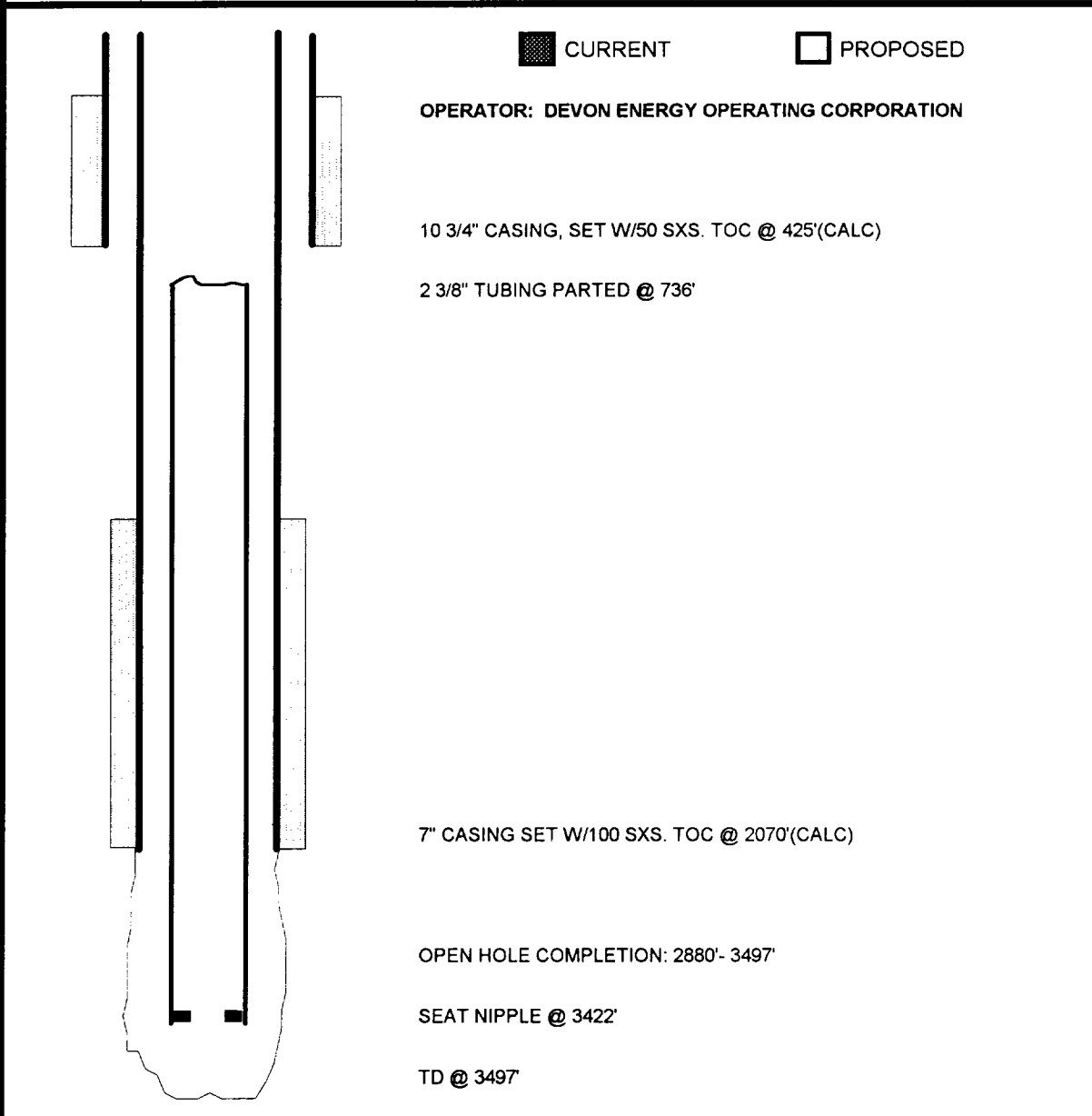
III Well Data:

- A. (1) C.A. Russell #8
1650'FNL & 1650'FEL
Section 18-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
10 3/4" 40# @ 600'. Set with 50 sxs. TOC @ 425'(Calculated)
Hole Size = unknown
- Production Casing:
7" 24# @ 2880'. Set with 100 sxs. TOC @ 2070'(Calculated)
Hole Size = 8"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2800'.
- (4) 7" Baker J-LOC tension packer set at 2800'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
- (2) The injection interval will be through open hole 2880'- 3497'. The injection interval is 2700'- 3497'.
- (3) This well was originally drilled and completed as an oil well , producing from the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 2700'- 3497' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: C.A. RUSSELL #8			FIELD: GRAYBURG-JACKSON			
LOCATION: 1650'FNL & 1650'FEL, SEC 18-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3723'; KB=UNK			SPUD DATE: 02/23/40		COMP DATE: 04/26/40	
API#: 30-015-05221		PREPARED BY: C.H. CARLETON			DATE: 04/18/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 600'	10 3/4"	40#			12 1/4"
CASING:	0' - 2880'	7"	24#			8"
CASING:						
TUBING:	736' - 3422'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						

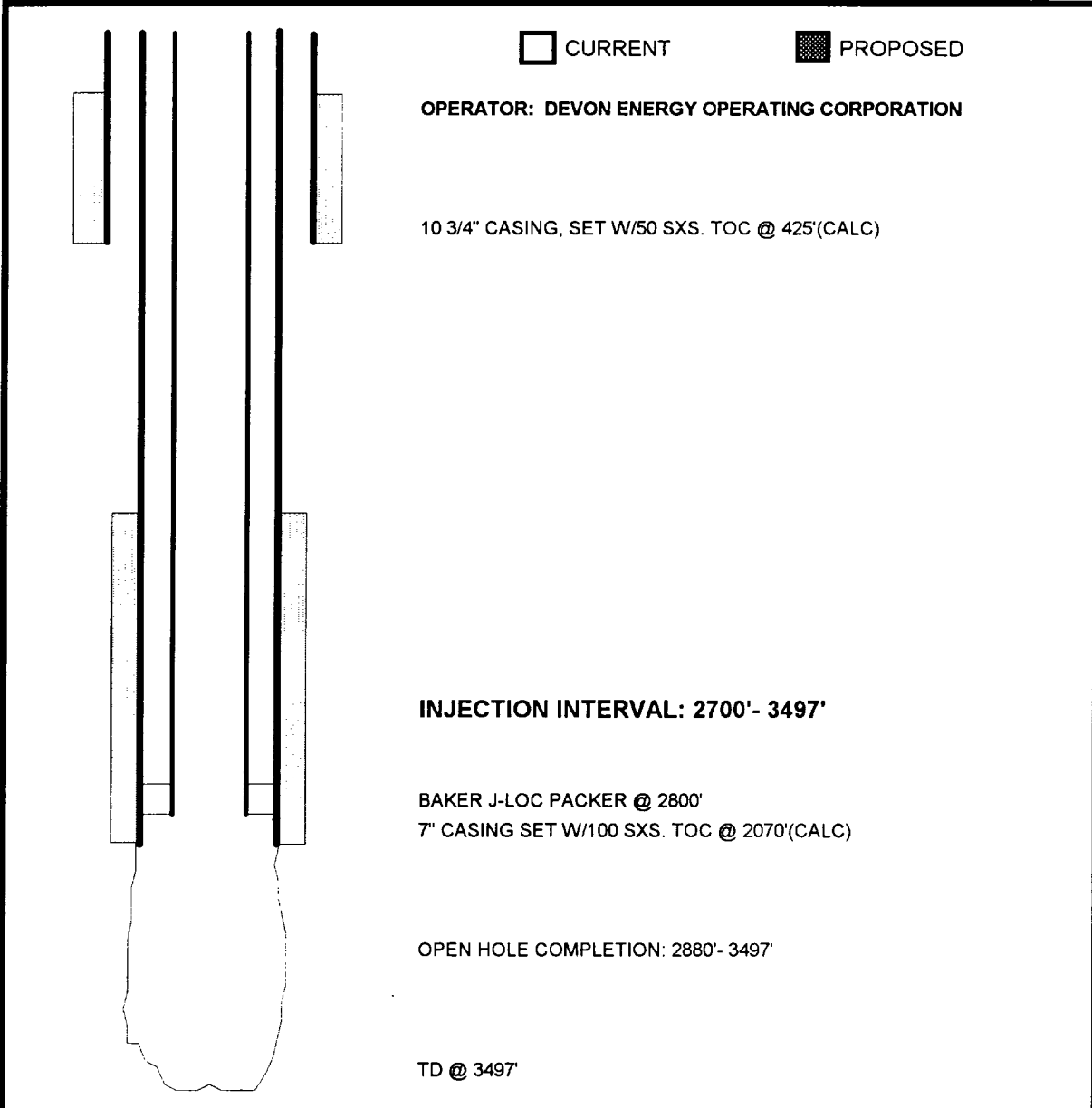


NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: C.A. RUSSELL #8			FIELD: GRAYBURG-JACKSON			
LOCATION: 1650'FNL & 1650'FEL, SEC 18-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3723'; KB=UNK			SPUD DATE: 02/23/40		COMP DATE: 04/26/40	
API#: 30-015-05221		PREPARED BY: C.H. CARLETON			DATE: 05/01/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 600'	10 3/4"	40#			12 1/4"
CASING:	0' - 2880'	7"	24#			8"
CASING:						
TUBING:	0' - 2800'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



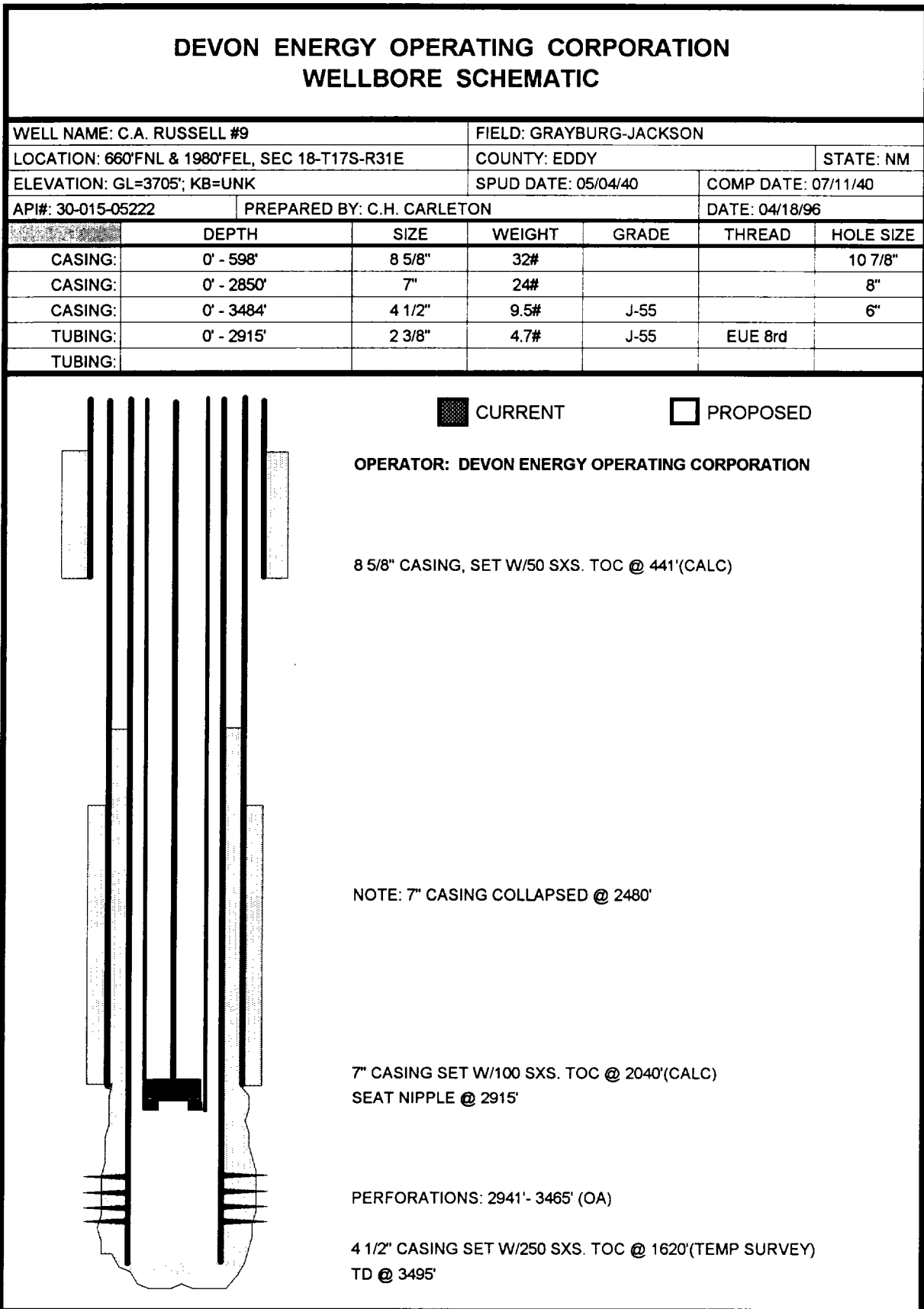
NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

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

III Well Data:

- A. (1) C.A. Russell #9
660'FNL & 1980'FEL
Section 18-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
8 5/8" 32# @ 598'. Set with 50 sxs. TOC @ 441'(Calculated)
Hole Size = 10 7/8"
- Intermediate Casing:
7" 24# @ 2850'. Set with 100 sxs. TOC @ 2040'(Calculated)
Hole Size = 8"
- Production Casing:
4 1/2" 9.5# J-55 @ 3484'. Set with 250 sxs. TOC @ 1620'(Temp Survey)
Hole Size = 6"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2900'.
- (4) 4 1/2" Baker AD-1 tension packer set at 2900'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
- (2) The injection interval will be through perforations 2941'- 3465'. The injection interval is 2665'- 3520'.
- (3) This well was originally drilled and completed as an oil well , producing from the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 2665'- 3520' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

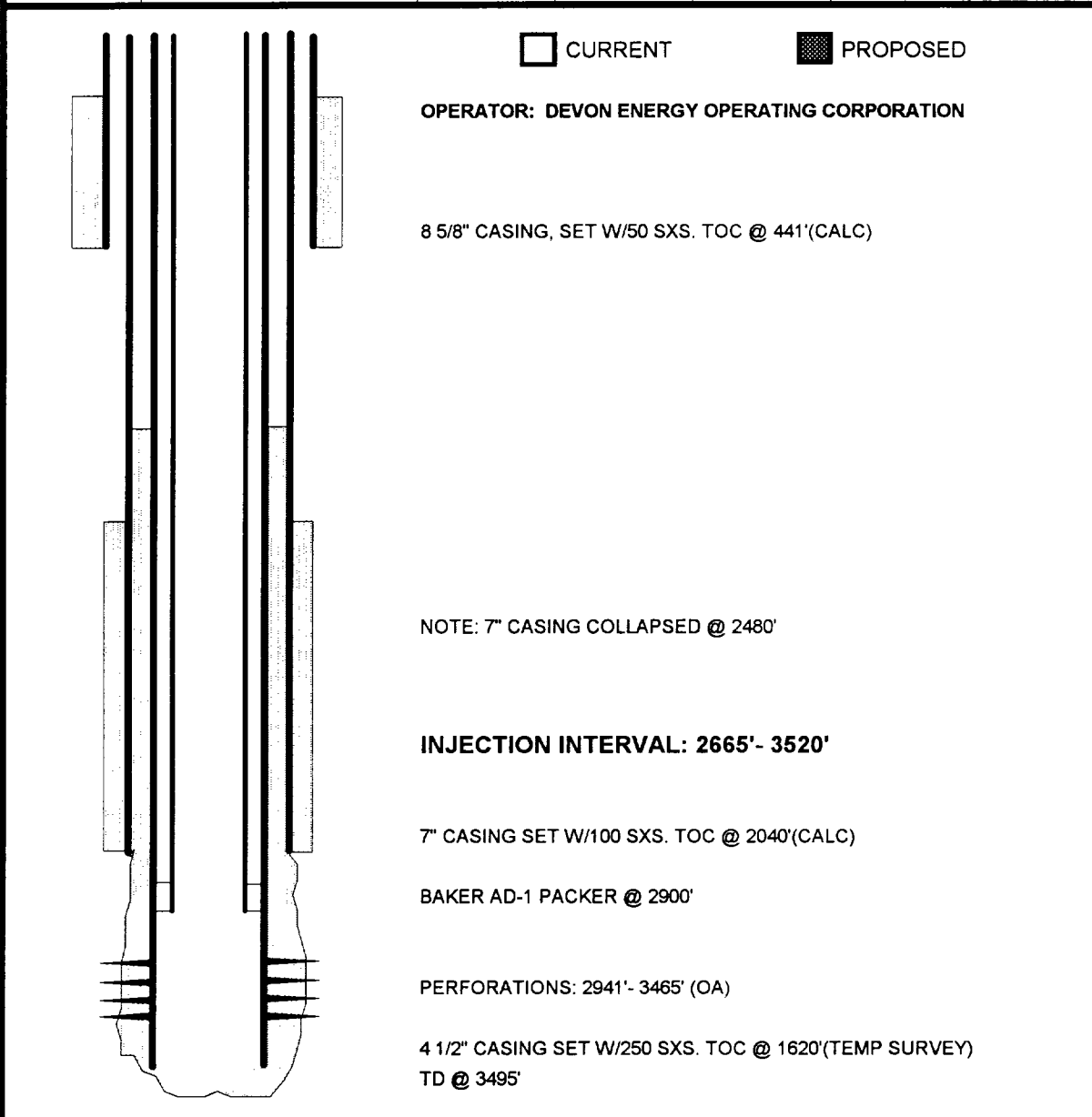


NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: C.A. RUSSELL #9			FIELD: GRAYBURG-JACKSON			
LOCATION: 660'FNL & 1980'FEL, SEC 18-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3705'; KB=UNK			SPUD DATE: 05/04/40		COMP DATE: 07/11/40	
API#: 30-015-05222		PREPARED BY: C.H. CARLETON			DATE: 05/02/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 598'	8 5/8"	32#			10 7/8"
CASING:	0' - 2850'	7"	24#			8"
CASING:	0' - 3484'	4 1/2"	9.5#	J-55		6"
TUBING:	0' - 2900'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

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

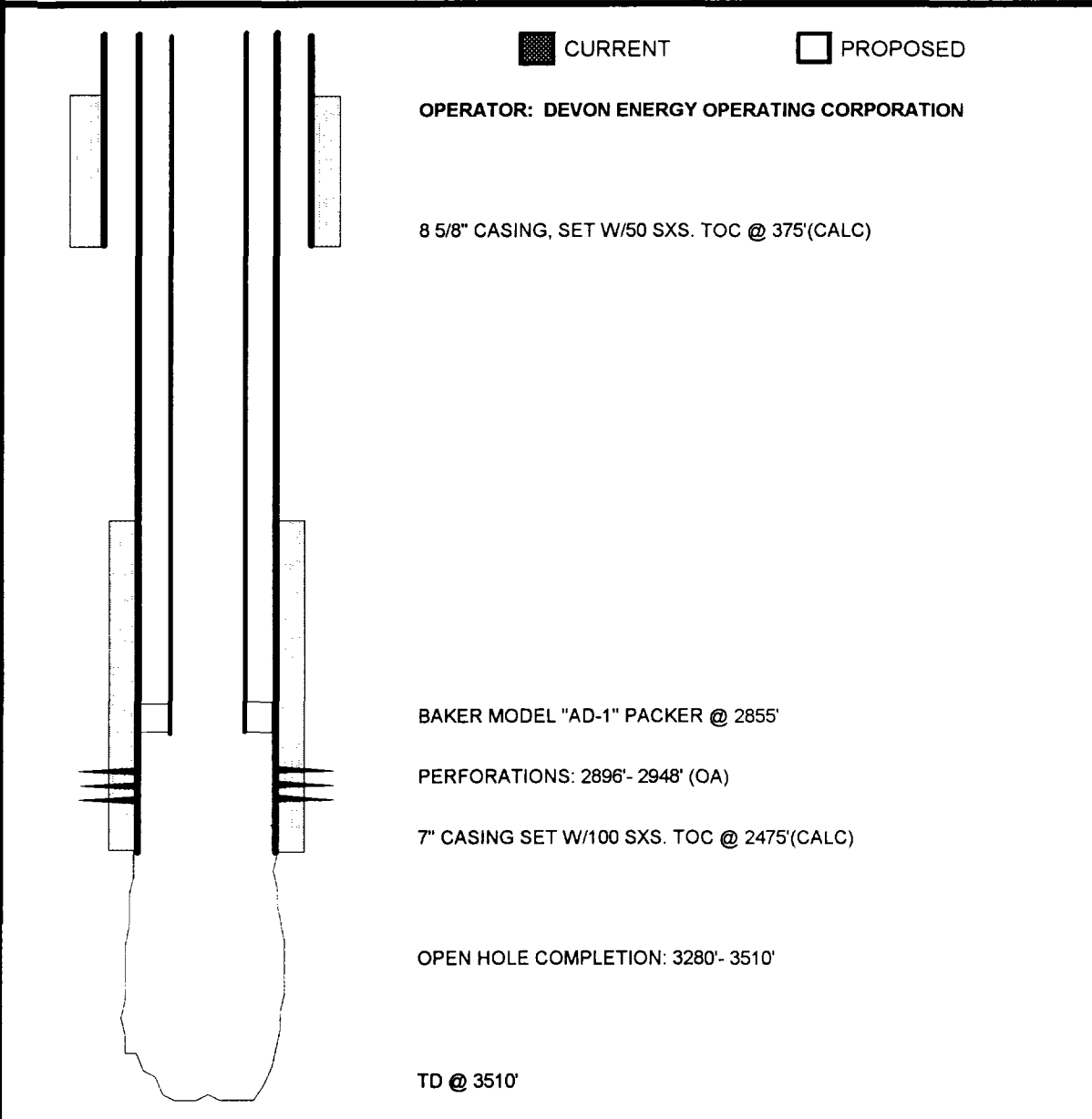
III Well Data:

- A. (1) C.A. Russell #10
2200'FNL & 2665'FEL
Section 18-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
8 5/8" 24# @ 612'. Set with 50 sxs. TOC @ 375'(Calculated)
Hole Size = 10"
- Production Casing:
7" 20# H-40 @ 3280'. Set with 100 sxs. TOC @ 2475'(Calculated)
Hole Size = 8"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2850'.
- (4) 7" Baker J-LOC tension packer set at 2850'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
- (2) The injection interval will be through perforations 2896'- 2948' and open hole 3280'- 3510'.
The injection interval is 2700'- 3506'.
- (3) This well was originally drilled and completed as a Grayburg/San Andres oil well , but has since been converted to a water injection well injecting into the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 2700'- 3506' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: C.A. RUSSELL #10			FIELD: GRAYBURG-JACKSON			
LOCATION: 2200'FNL & 2665'FEL, SEC 18-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3746'; KB=UNK			SPUD DATE: 12/11/49		COMP DATE: 02/05/50	
API#: 30-015-05233		PREPARED BY: C.H. CARLETON			DATE: 04/18/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 612'	8 5/8"	24#			10"
CASING:	0' - 3280'	7"	20#	H-40		8"
CASING:						
TUBING:	0' - 2855'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						

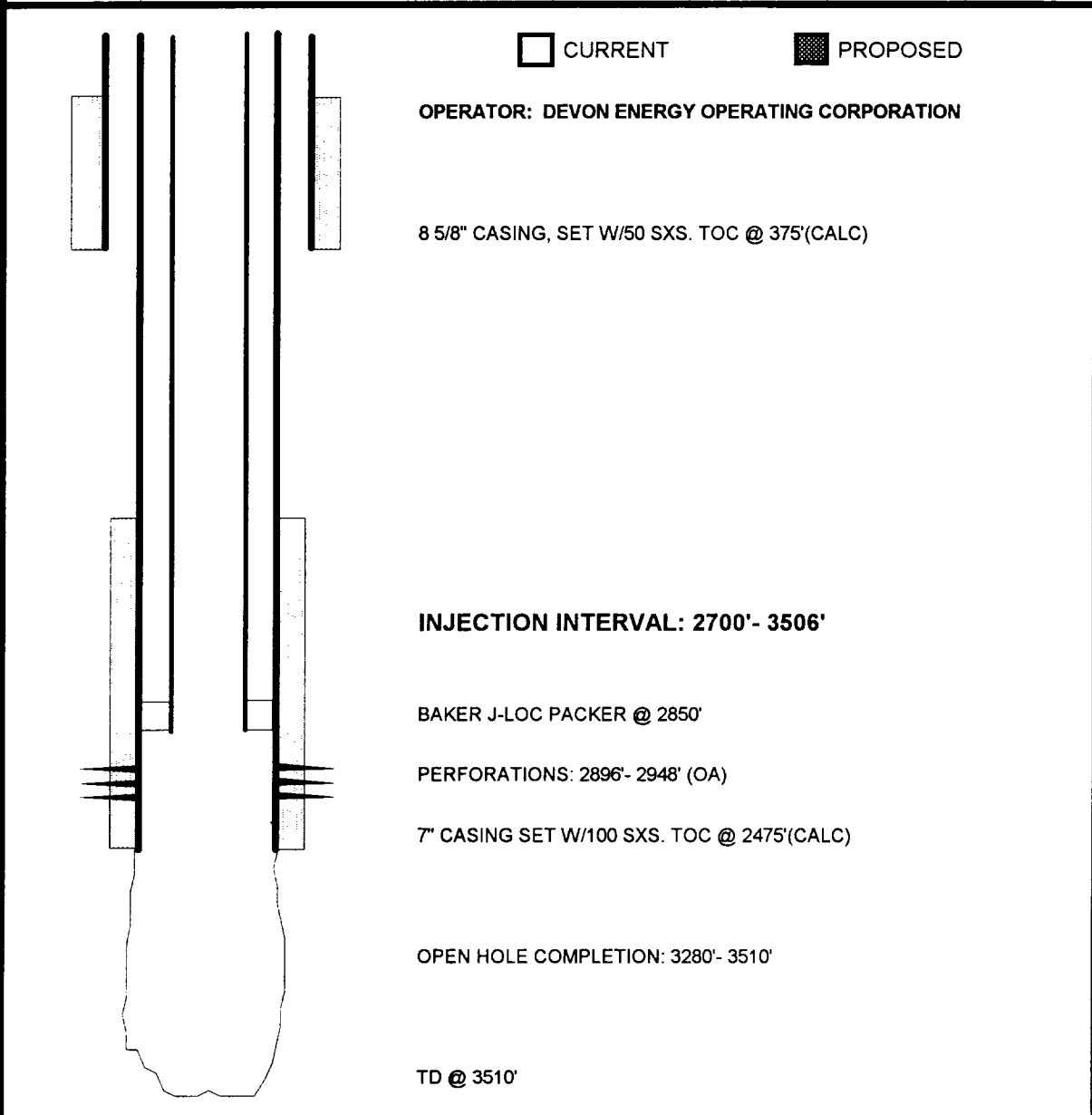


NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: C.A. RUSSELL #10			FIELD: GRAYBURG-JACKSON			
LOCATION: 2200'FNL & 2665'FEL, SEC 18-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3746'; KB=UNK			SPUD DATE: 12/11/49		COMP DATE: 02/05/50	
API#: 30-015-05233		PREPARED BY: C.H. CARLETON			DATE: 05/02/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 612'	8 5/8"	24#			10"
CASING:	0' - 3280'	7"	20#	H-40		8"
CASING:						
TUBING:	0' - 2850'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

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

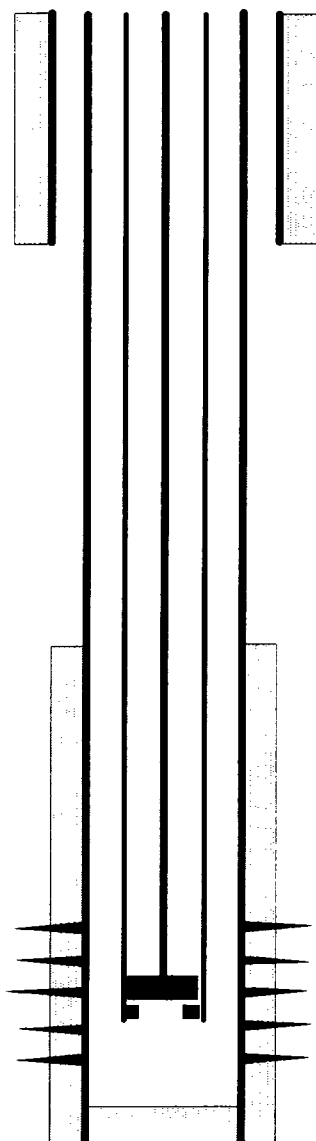
III Well Data:

- A. (1) C.A. Russell #11
1000'FNL & 2350'FWL
Section 18-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
9 5/8" 32.6,36# H-40 @ 513'. Set with 250 sxs. TOC @ surface
Hole Size = 12 1/4"
- Production Casing:
7" 23# J-55 @ 3553'. Set with 850 sxs. TOC @ 2530'(CBL)
Hole Size = 8 3/4"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 3350'.
- (4) 7" Baker J-LOC tension packer set at 3350'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
- (2) The injection interval will be through perforations 3402'- 3511'. The injection interval is 2700'- 3555'.
- (3) This well was originally drilled and completed as an oil well , producing from the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 2700'- 3555' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: C.A. RUSSELL #11			FIELD: GRAYBURG-JACKSON			
LOCATION: 1000'FNL & 2350'FWL, SEC 18-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3717'; KB=3727'			SPUD DATE: 09/01/74		COMP DATE: 01/18/75	
API#: 30-015-21258		PREPARED BY: C.H. CARLETON			DATE: 04/18/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 513'	9 5/8"	32.6,36#	H-40		12 1/4"
CASING:	0' - 3553'	7"	23#	J-55	ST&C	8 3/4"
CASING:						
TUBING:	0' - 3462'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



☒ CURRENT ☐ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

9 5/8" CASING, SET W/250 SXS. TOC @ SURFACE

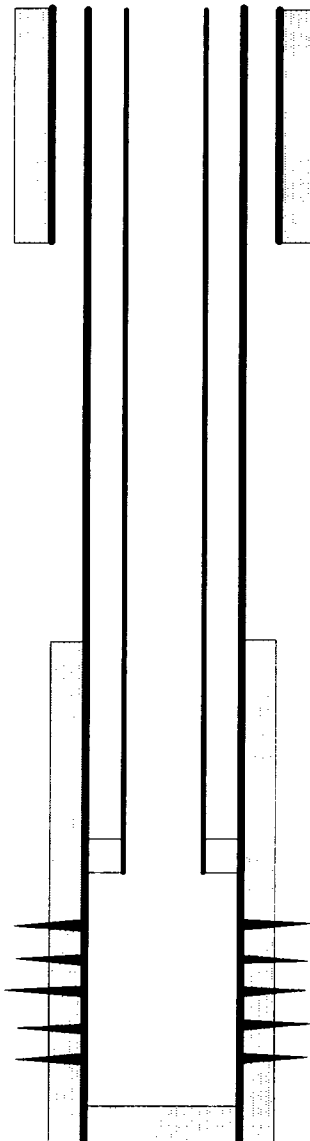
PERFORATIONS: 3402'- 3511' (OA)
SEAT NIPPLE @ 3462"

PBTD @ 3518'
7" CASING SET W/850 SXS. TOC @ 2530' (CBL)
TD @ 3505'

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: C.A. RUSSELL #11			FIELD: GRAYBURG-JACKSON			
LOCATION: 1000'FNL & 2350'FWL, SEC 18-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3717'; KB=3727'			SPUD DATE: 09/01/74		COMP DATE: 01/18/75	
API#: 30-015-21258		PREPARED BY: C.H. CARLETON			DATE: 05/02/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 513'	9 5/8"	32.6,36#	H-40		12 1/4"
CASING:	0' - 3553'	7"	23#	J-55	ST&C	8 3/4"
CASING:						
TUBING:	0' - 3350'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



☐ CURRENT

☒ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

9 5/8" CASING, SET W/250 SXS. TOC @ SURFACE

INJECTION INTERVAL: 2700' - 3555'

BAKER J-LOC PACKER @ 3350'

PERFORATIONS: 3402' - 3511' (OA)

PBTD @ 3518'

7" CASING SET W/850 SXS. TOC @ 2530' (CBL)

TD @ 3505'

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

III Well Data:

- A.
- (1) Turner "A" #3
2220'FSL & 1760'FWL
Section 18-T17S-R31E
Eddy County, NM
 - (2) Surface Casing:
8 5/8" 24# @ 558'. Set with 50 sxs. TOC @ 320'(Calculated)
Hole Size = unknown

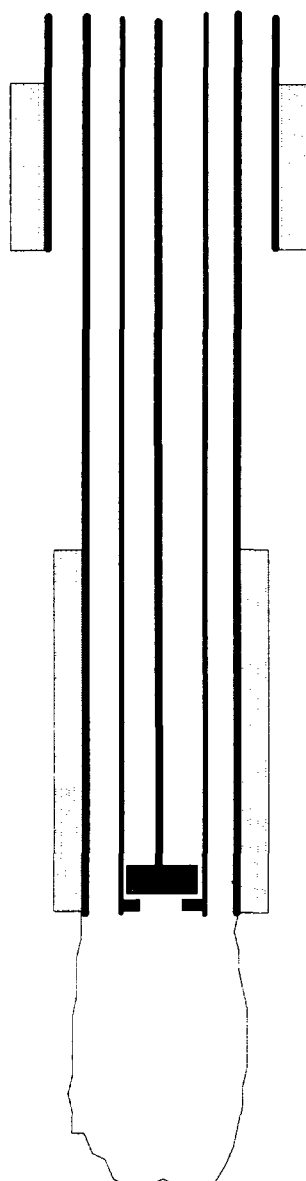
Production Casing:
7" @ 3045'. Set with 100 sxs. TOC @ 1370'(CBL)
Hole Size = unknown
 - (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 3000'.
 - (4) 7" Baker J-LOC tension packer set at 3000'.
- B.
- (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
 - (2) The injection interval will be through open hole 3045'- 3509'. The injection interval is 2705'- 3511'.
 - (3) This well was originally drilled and completed as an oil well , producing from the Grayburg/San Andres formation.
 - (4) Additional perforations may be added in the 2705'- 3511' interval.
 - (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #3			FIELD: GRAYBURG-JACKSON		
LOCATION: 2220'FSL & 1760'FWL, SEC 18-T17S-R31E			COUNTY: EDDY	STATE: NM	
ELEVATION: GL=UNK ; KB=UNK			SPUD DATE: 09/25/37	COMP DATE: 12/21/37	
API#: 30-015-05211	PREPARED BY: C.H. CARLETON			DATE: 04/18/96	

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 558'	8 5/8"	24#			10"
CASING:	0' - 3045'	7"				8"
CASING:						
TUBING:	0' - 3044'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						

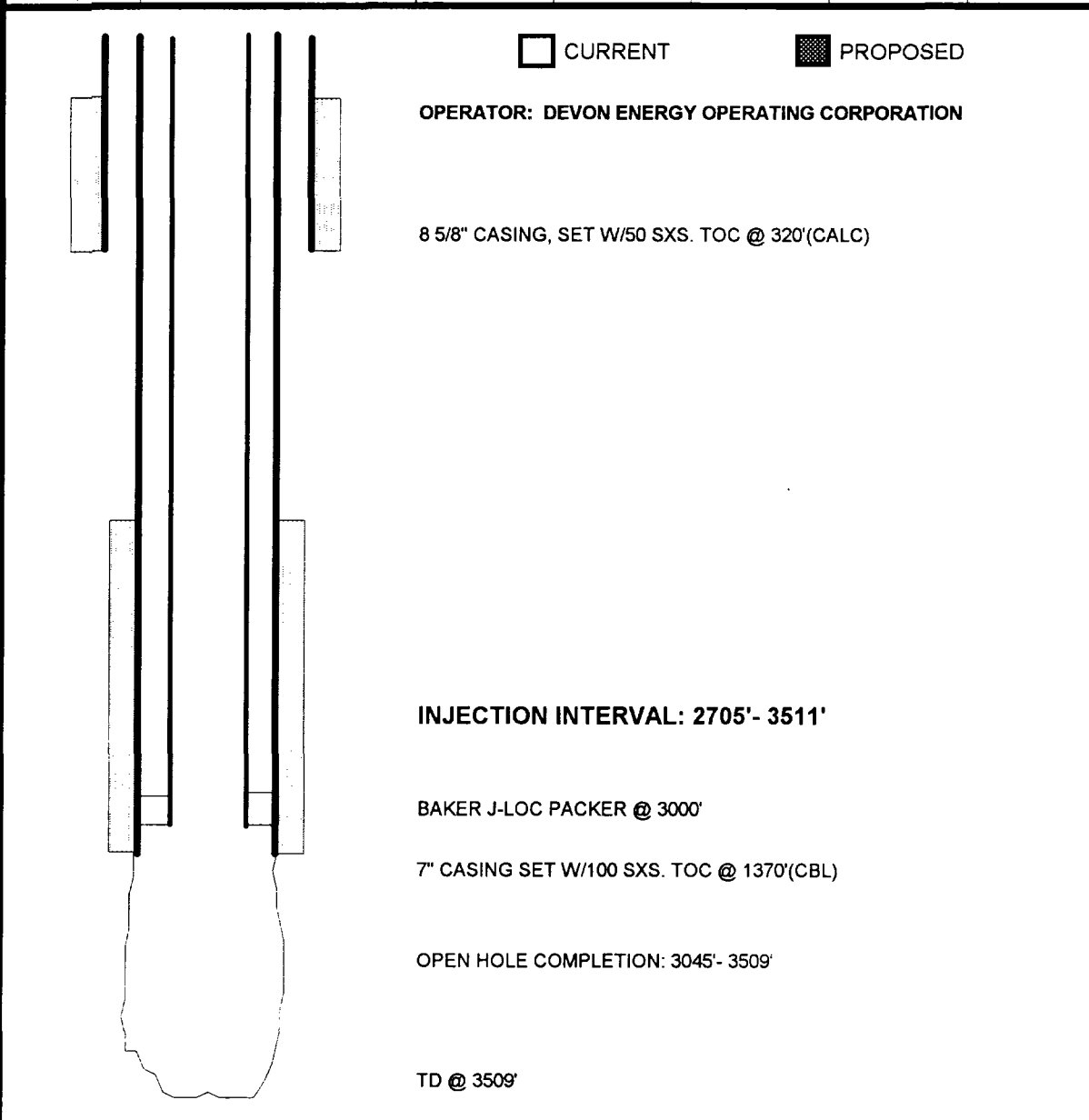


NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #3			FIELD: GRAYBURG-JACKSON			
LOCATION: 2220'FSL & 1760'FWL, SEC 18-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=UNK ; KB=UNK			SPUD DATE: 09/25/37		COMP DATE: 12/21/37	
API#: 30-015-05211		PREPARED BY: C.H. CARLETON			DATE: 05/02/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 558'	8 5/8"	24#			10"
CASING:	0' - 3045'	7"				8"
CASING:						
TUBING:	0' - 3000'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

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

III Well Data:

- A.
- (1) Turner "A" #9
330'FNL & 1980'FEL
Section 19-T17S-R31E
Eddy County, NM
 - (2) Surface Casing:
8" @ 545'. Set with 50 sxs. TOC @ 310'(Calculated)
Hole Size = 10"

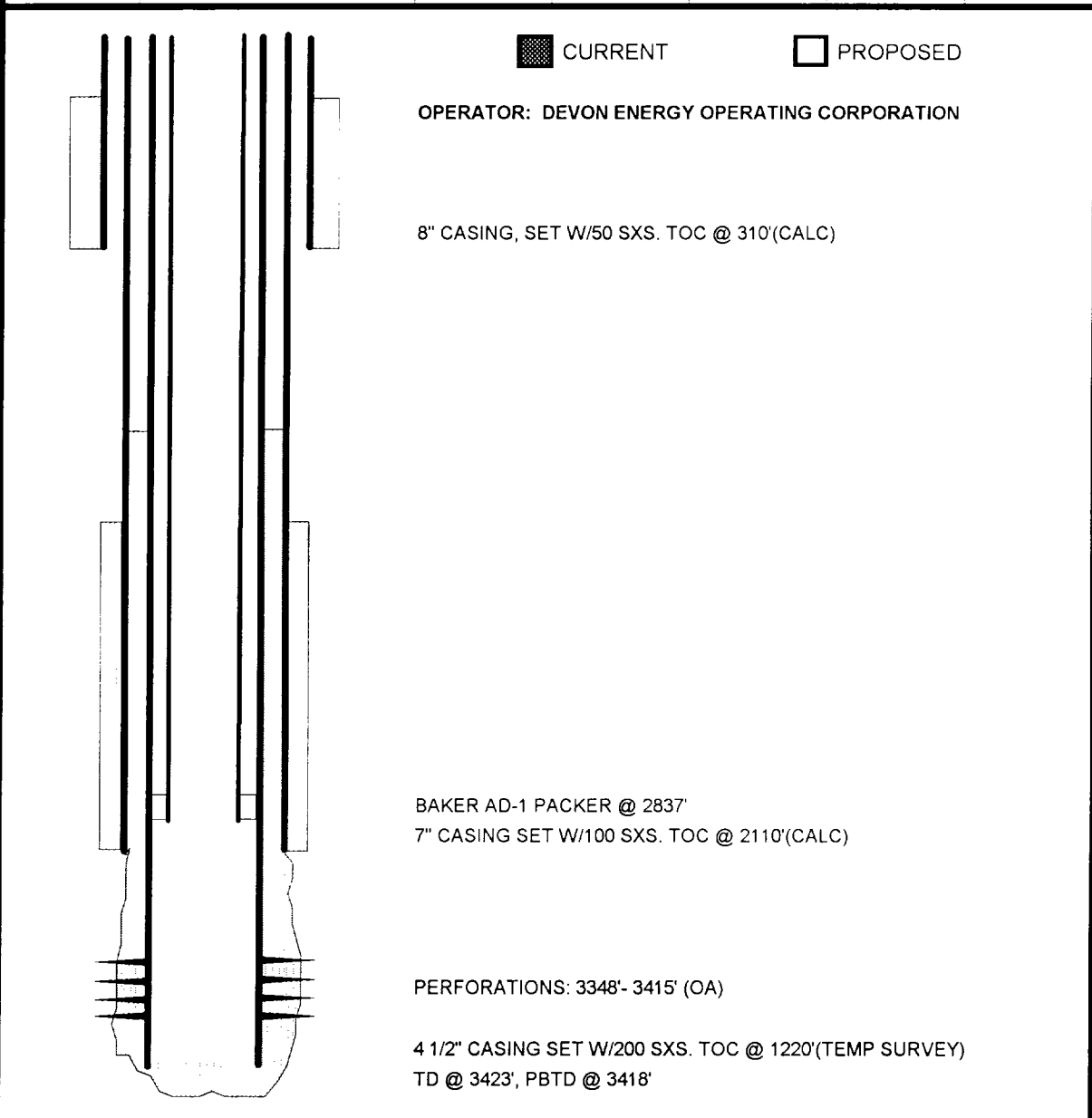
Intermediate Casing:
7" @ 2914'. Set with 100 sxs. TOC @ 2110'(Calculated)
Hole Size = 8"

Production Casing:
4 1/2" 9.5# J-55 @ 3422' Set with 200 sxs. TOC @ 1220'
Hole Size = 6"
 - (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 3300'.
 - (4) 4 1/2" Baker AD-1 tension packer set at 3300'.
- B.
- (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
 - (2) The injection interval will be through perforations 3348'- 3415' and open hole 3422'- 3530'.
The injection interval is 2650'- 3530'.
 - (3) This well was originally drilled and completed as a Grayburg/San Andres oil well , but has since been converted to a water injection well injecting into the Grayburg/San Andres formation.
 - (4) Additional perforations may be added in the 2650'- 3530' interval.
 - (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #9			FIELD: GRAYBURG-JACKSON			
LOCATION: 330'FNL & 1980'FEL, SEC 19-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK ; KB=UNK			SPUD DATE: 08/08/40		COMP DATE: 01/17/41	
API#: 30-015-05237		PREPARED BY: C.H. CARLETON			DATE: 04/18/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 545'	8"				10"
CASING:	0' - 2914'	7"				8"
CASING:	0' - 3422'	4 1/2"	9.5#	J-55	ST&C	6"
TUBING:	0' - 2837'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						

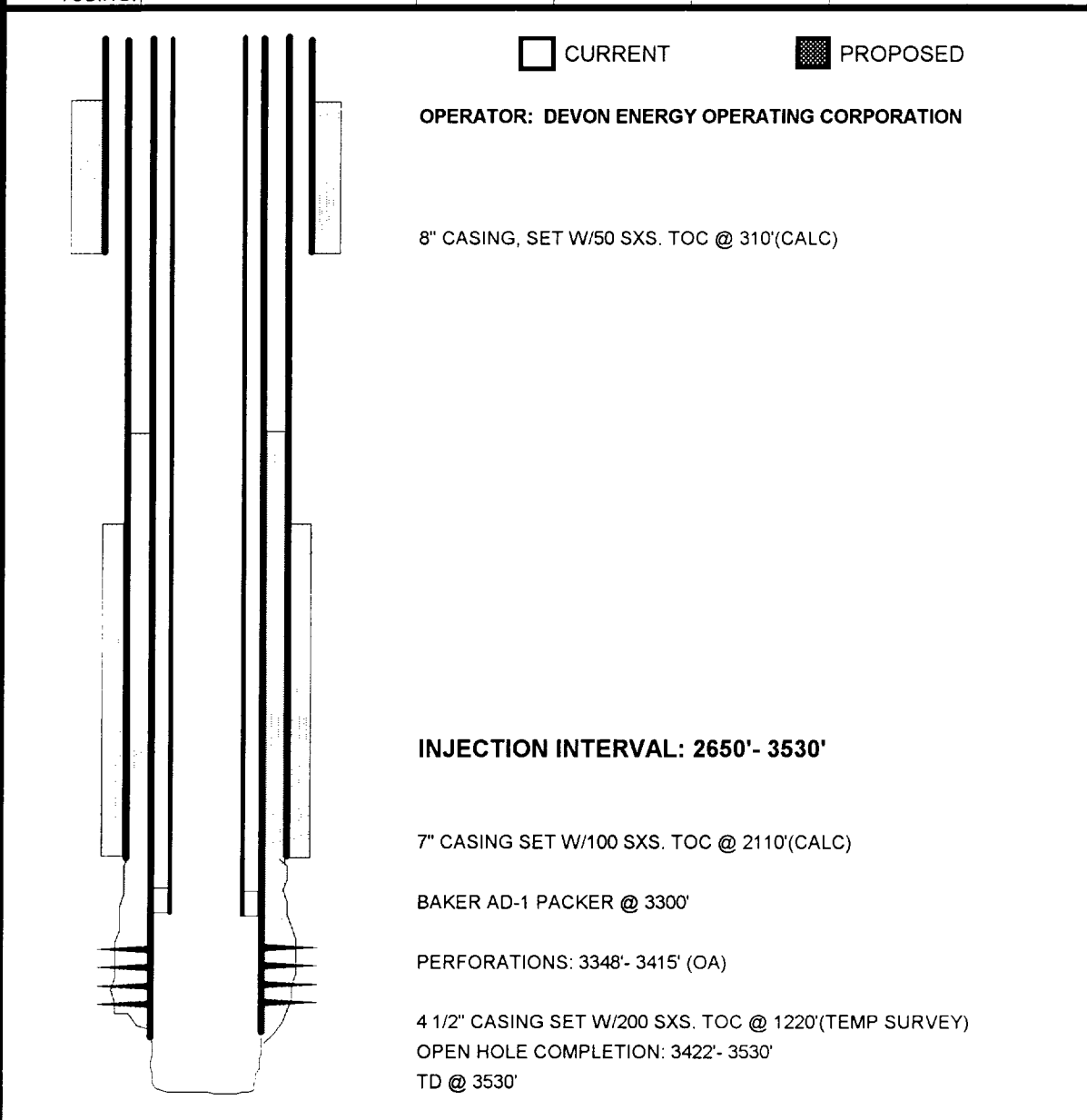


NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #9				FIELD: GRAYBURG-JACKSON		
LOCATION: 330'FNL & 1980'FEL, SEC 19-T17S-R31E				COUNTY: EDDY		STATE: NM
ELEVATION: GL=UNK ; KB=UNK				SPUD DATE: 08/08/40		COMP DATE: 01/17/41
API#: 30-015-05237		PREPARED BY: C.H. CARLETON			DATE: 05/02/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 545'	8"				10"
CASING:	0' - 2914'	7"				8"
CASING:	0' - 3422'	4 1/2"	9.5#	J-55	ST&C	6"
TUBING:	0' - 3300'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

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

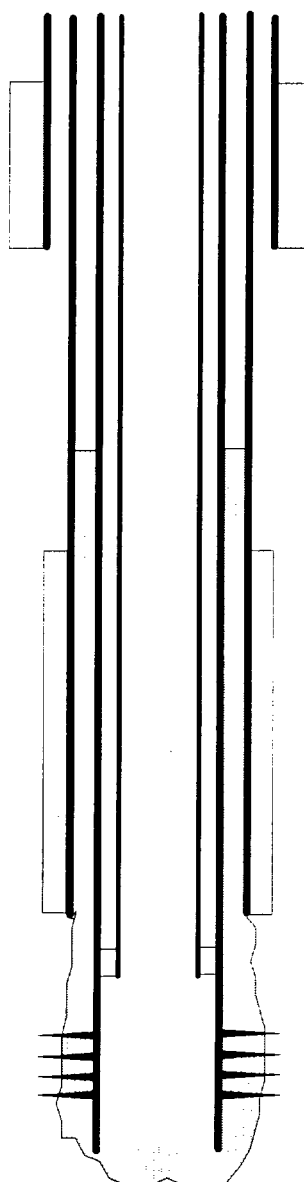
III Well Data:

- A. (1) Turner "A" #10
1980'FSL & 1830'FEL
Section 18-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
8 5/8" 28# @ 554'. Set with 50 sxs. TOC @ 320'(Calculated)
Hole Size = 10"
- Intermediate Casing:
7" 20# @ 2980'. Set with 100 sxs. TOC @ 2170'(Calculated)
Hole Size = 8"
- Production Casing:
4 1/2" 9.5# L-50 @ 3463'. Set with 200 sxs. TOC @ 1340'
Hole Size = 6"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 3300'.
- (4) 4 1/2" Baker AD-1 tension packer set at 3300'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
- (2) The injection interval will be through perforations 3342'- 3453'. The injection interval is 2650'- 3465'.
- (3) This well was originally drilled and completed as a Grayburg/San Andres oil well , but has since been converted to a water injection well injecting into the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 2650'- 3465' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #10			FIELD: GRAYBURG-JACKSON			
LOCATION: 1980'FSL & 1830'FEL, SEC 18-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK ; KB=UNK			SPUD DATE: 02/02/41		COMP DATE: 04/16/41	
API#: 30-015-05214		PREPARED BY: C.H. CARLETON			DATE: 04/18/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 554'	8 5/8"	28#			10"
CASING:	0' - 2980'	7"	20#			8"
CASING:	0' - 3463'	4 1/2"	9.5#	L-50	ST&C	6"
TUBING:	0' - 3270'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

8 5/8" CASING, SET W/50 SXS. TOC @ 320'(CALC)

7" CASING SET W/100 SXS. TOC @ 2170'(CALC)

BAKER AD-1 PACKER @ 3270'

PERFORATIONS: 3342'- 3453' (OA)

4 1/2" CASING SET W/200 SXS. TOC @ 1340'(TEMP SURVEY)
TD @ 3465', PBTD @ 3461'

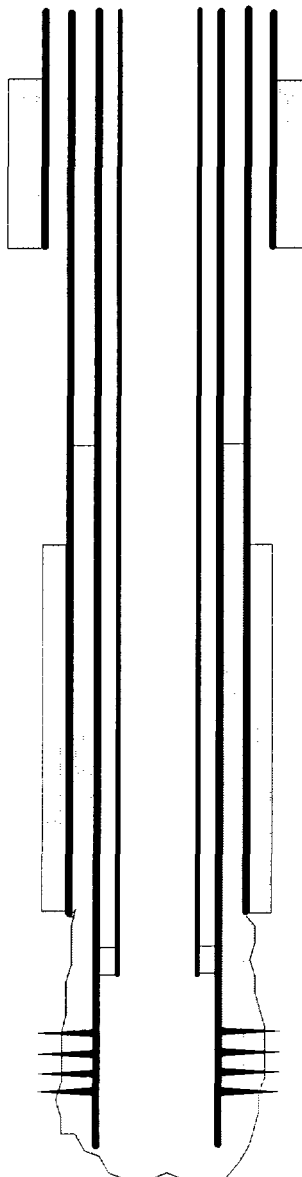
NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #10		FIELD: GRAYBURG-JACKSON	
LOCATION: 1980'FSL & 1830'FEL, SEC 18-T17S-R31E		COUNTY: EDDY	STATE: NM
ELEVATION: GL=UNK; KB=UNK		SPUD DATE: 02/02/41	COMP DATE: 04/16/41
API#: 30-015-05214	PREPARED BY: C.H. CARLETON		DATE: 05/02/96

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 554'	8 5/8"	28#			10"
CASING:	0' - 2980'	7"	20#			8"
CASING:	0' - 3463'	4 1/2"	9.5#	L-50	ST&C	6"
TUBING:	0' - 3300'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

8 5/8" CASING, SET W/50 SXS. TOC @ 320'(CALC)

INJECTION INTERVAL: 2650'- 3465'

7" CASING SET W/100 SXS. TOC @ 2170'(CALC)

BAKER AD-1 PACKER @ 3300'

PERFORATIONS: 3342'- 3453' (OA)

4 1/2" CASING SET W/200 SXS. TOC @ 1340'(TEMP SURVEY)
TD @ 3465', PBTD @ 3461'

NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

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

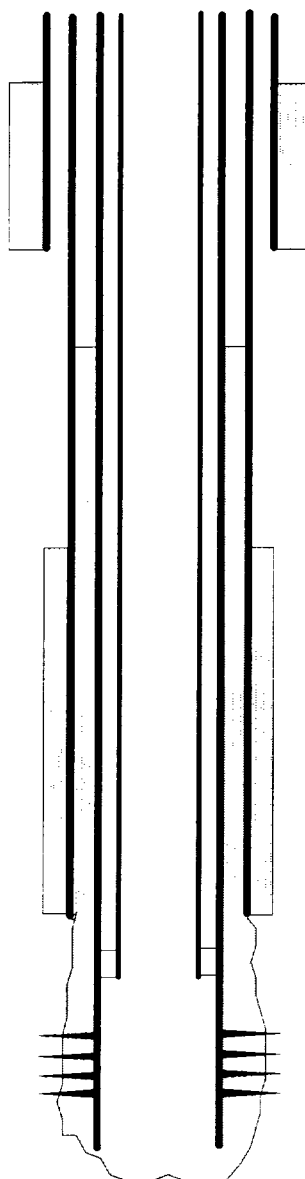
III Well Data:

- A.
- (1) Turner "A" #11
660'FSL & 660'FEL
Section 18-T17S-R31E
Eddy County, NM
 - (2) Surface Casing:
8 5/8" 24# @ 552'. Set with 50 sxs. TOC @ 320'(Calculated)
Hole Size = 10"
 - Intermediate Casing:
7" 20# @ 2950'. Set with 100 sxs. TOC @ 2140'(Calculated)
Hole Size = 8"
 - Production Casing:
4 1/2" 9.5# @ 3451'. Set with 200 sxs. TOC @ 800'
Hole Size = 6"
 - (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 3300'.
 - (4) 4 1/2" Baker AD-1 tension packer set at 3300'.
- B.
- (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
 - (2) The injection interval will be through perforations 3330'- 3437'. The injection interval is 2650'- 3451'.
 - (3) This well was originally drilled and completed as a Grayburg/San Andres oil well , but has since been converted to a water injection well injecting into the Grayburg/San Andres formation.
 - (4) Additional perforations may be added in the 2650'- 3451' interval.
 - (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #11			FIELD: GRAYBURG-JACKSON			
LOCATION: 660'FSL & 660'FEL, SEC 18-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK ; KB=UNK			SPUD DATE: 01/27/41		COMP DATE: 04/05/41	
API#: 30-015-05215		PREPARED BY: C.H. CARLETON			DATE: 04/18/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 552'	8 5/8"	24#			10"
CASING:	0' - 2950'	7"	20#			8"
CASING:	0' - 3451'	4 1/2"	9.5#	Midco-50	ST&C	6"
TUBING:	0' - 3015'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



CURRENT

☐ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

8 5/8" CASING, SET W/50 SXS. TOC @ 320'(CALC)

NOTE: UNABLE TO GO BELOW 3080' WITH MILL.

7" CASING SET W/100 SXS. TOC @ 2140'(CALC)

JOHNSON 1015 PACKER @ 3015'

PERFORATIONS: 3330'- 3437' (OA)

4 1/2" CASING SET W/200 SXS. TOC @ 800'(TEMP SURVEY)
TD @ 3451'. PBTD @ 3441'

NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #11		FIELD: GRAYBURG-JACKSON	
LOCATION: 660'FSL & 660'FEL, SEC 18-T17S-R31E		COUNTY: EDDY	STATE: NM
ELEVATION: GL=UNK ; KB=UNK		SPUD DATE: 01/27/41	COMP DATE: 04/05/41
API#: 30-015-05215	PREPARED BY: C.H. CARLETON		DATE: 05/02/96

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 552'	8 5/8"	24#			10"
CASING:	0' - 2950'	7"	20#			8"
CASING:	0' - 3451'	4 1/2"	9.5#	Midco-50	ST&C	6"
TUBING:	0' - 3300'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						

CURRENT

PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

8 5/8" CASING, SET W/50 SXS. TOC @ 320'(CALC)

INJECTION INTERVAL: 2650'- 3451'

7" CASING SET W/100 SXS. TOC @ 2140'(CALC)

BAKER AD-1 PACKER @ 3300'

PERFORATIONS: 3330'- 3437' (OA)

4 1/2" CASING SET W/200 SXS. TOC @ 800'(TEMP SURVEY)
TD @ 3451', PBTD @ 3441'

NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

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

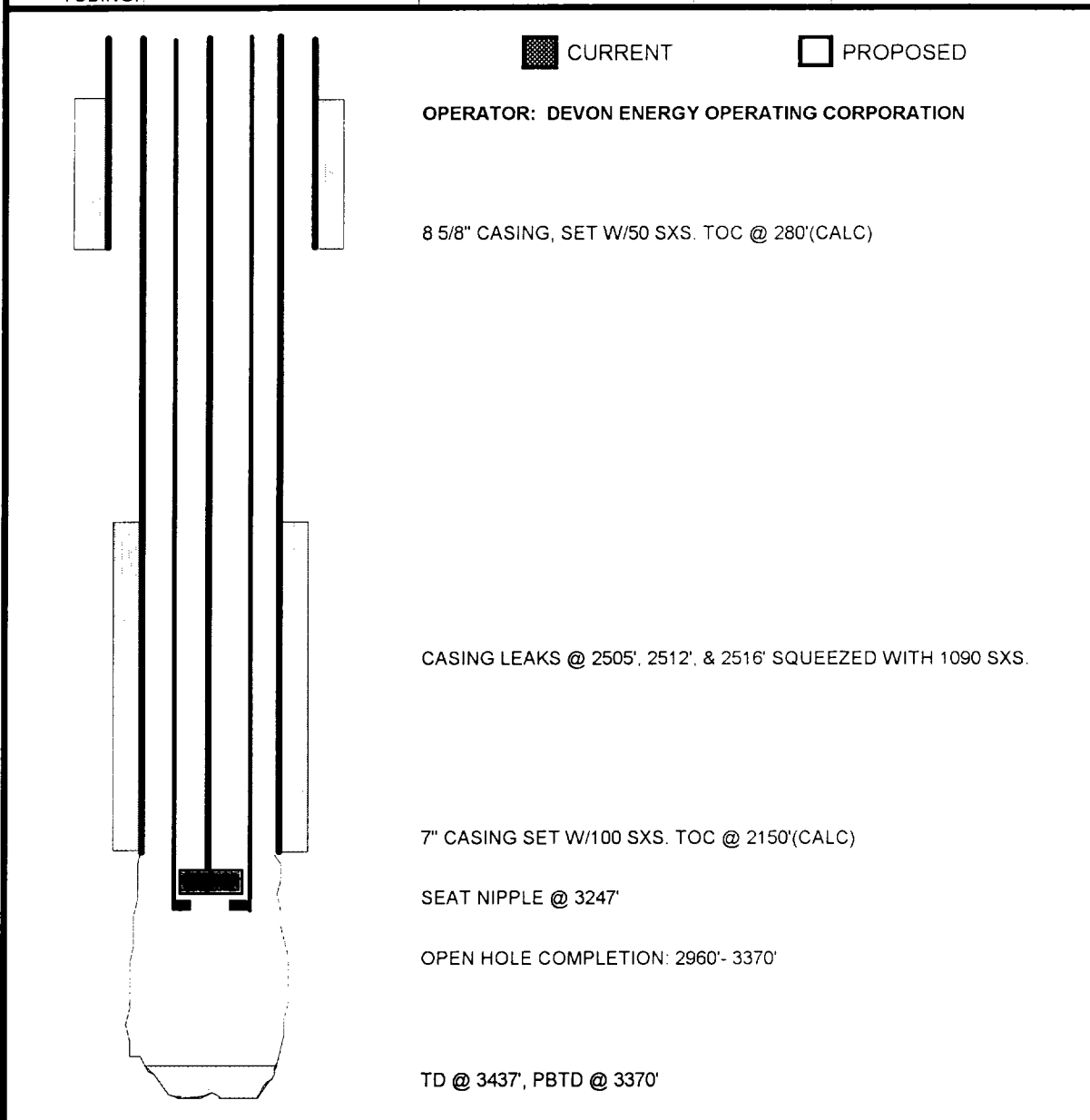
III Well Data:

- A.
- (1) Turner "A" #12
330'FNL & 660'FEL
Section 19-T17S-R31E
Eddy County, NM
 - (2) Surface Casing:
8 5/8" 24# @ 512'. Set with 50 sxs. TOC @ 280'(Calculated)
Hole Size = 10"
 - Production Casing:
7" 20# @ 2960'. Set with 100 sxs. TOC @ 2150'(Calculated)
Hole Size = 8"
 - (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2900'.
 - (4) 7" Baker J-LOC tension packer set at 2900'.
- B.
- (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
 - (2) The injection interval will be through open hole 2960'- 3370'. The injection interval is 2610'- 3381'.
 - (3) This well was originally drilled and completed as an oil well , producing from the Grayburg/San Andres formation.
 - (4) Additional perforations may be added in the 2610'- 3381' interval.
 - (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #12				FIELD: GRAYBURG-JACKSON		
LOCATION: 330°FNL & 660°FEL, SEC 19-T17S-R31E				COUNTY: EDDY		STATE: NM
ELEVATION: GL=UNK ; KB=UNK				SPUD DATE: 06/14/41		COMP DATE: 08/01/41
API#: 30-015-05238		PREPARED BY: C.H. CARLETON			DATE: 04/18/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 512'	8 5/8"	24#			10"
CASING:	0' - 2960'	7"	20#			8"
CASING:						
TUBING:	0' - 3247'	2 7/8"	6.5#	J-55	EUE 8rd	
TUBING:						

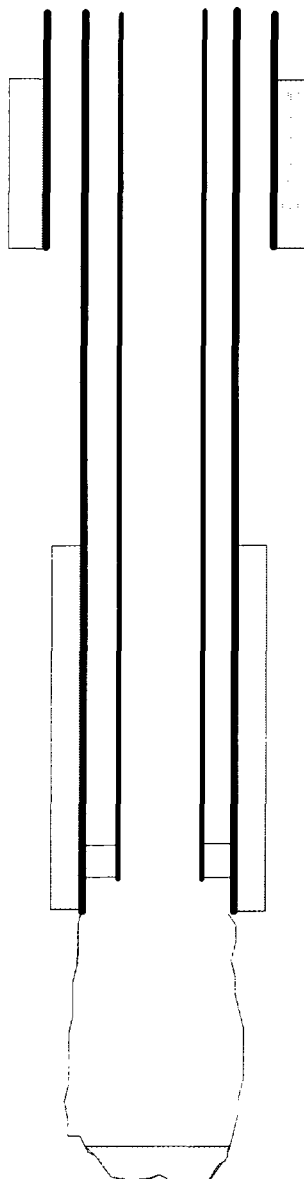


NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #12			FIELD: GRAYBURG-JACKSON			
LOCATION: 330'FNL & 660'FEL, SEC 19-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK ; KB=UNK			SPUD DATE: 06/14/41		COMP DATE: 08/01/41	
API#: 30-015-05238		PREPARED BY: C.H. CARLETON			DATE: 05/02/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 512'	8 5/8"	24#			10"
CASING:	0' - 2960'	7"	20#			8"
CASING:						
TUBING:	0' - 2900'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						

☐ CURRENT PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

8 5/8" CASING, SET W/50 SXS. TOC @ 280'(CALC)

CASING LEAKS @ 2505', 2512', & 2516' SQUEEZED WITH 1090 SXS.

INJECTION INTERVAL: 2610'- 3381'

BAKER J-LOC PACKER @ 2900'
7" CASING SET W/100 SXS. TOC @ 2150'(CALC)

OPEN HOLE COMPLETION: 2960'- 3370'

TD @ 3437', PBTD @ 3370'

NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

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

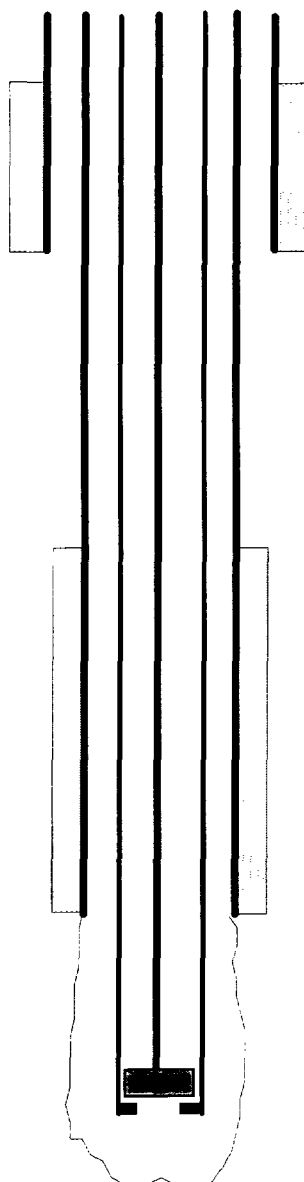
III Well Data:

- A.
- (1) Turner "A" #13
1980'FSL & 660'FEL
Section 18-T17S-R31E
Eddy County, NM
 - (2) Surface Casing:
8 5/8" 24# @ 515'. Set with 50 sxs. TOC @ 280'(Calculated)
Hole Size = 10"
 - Production Casing:
7" 20# @ 2910'. Set with 100 sxs. TOC @ 2100'(Calculated)
Hole Size = 8"
 - (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2850'.
 - (4) 7" Baker J-LOC tension packer set at 2850'.
- B.
- (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
 - (2) The injection interval will be through open hole 2910'- 3600'. The injection interval is 2700'- 3600'.
 - (3) This well was originally drilled and completed as an oil well , producing from the Grayburg/San Andres formation.
 - (4) Additional perforations may be added in the 2700'- 3600' interval.
 - (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #13			FIELD: GRAYBURG-JACKSON			
LOCATION: 1980'FSL & 660'FEL, SEC 18-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK ; KB=UNK			SPUD DATE: 09/14/41		COMP DATE: 11/16/41	
API#: 30-015-05216		PREPARED BY: C.H. CARLETON			DATE: 04/18/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 515'	8 5/8"	24#			10"
CASING:	0' - 2910'	7"	20#			8"
CASING:						
TUBING:	0' - 3411'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

8 5/8" CASING, SET W/50 SXS. TOC @ 280'(CALC)

CASING LEAKS @ 2528', 2532', & 2535' SQUEEZED WITH 750 SXS.

7" CASING SET W/100 SXS. TOC @ 2100'(CALC)

OPEN HOLE COMPLETION: 2910'- 3458'

SEAT NIPPLE @ 3411'

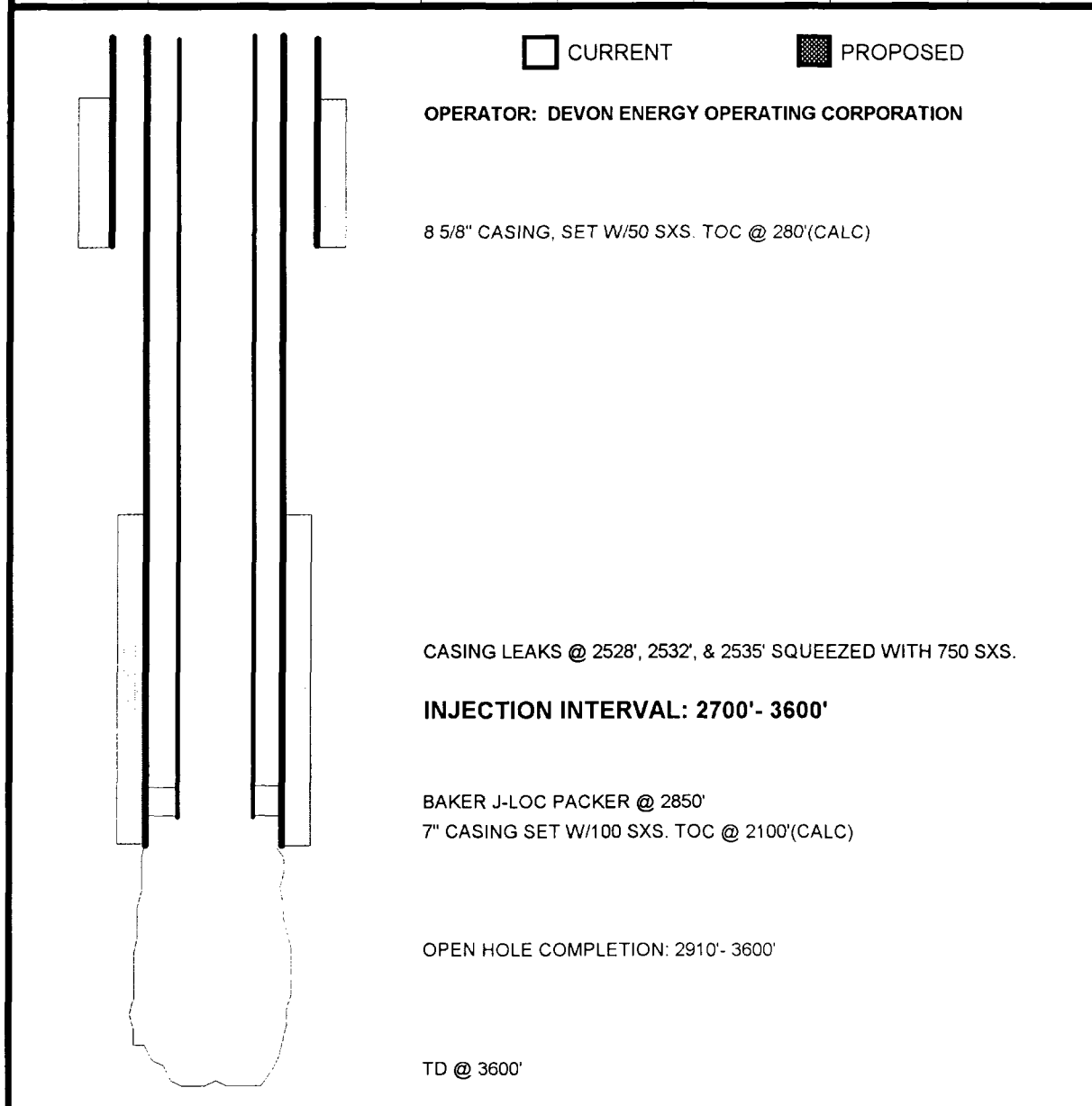
TD @ 3458'

NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #13			FIELD: GRAYBURG-JACKSON			
LOCATION: 1980'FSL & 660'FEL, SEC 18-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK ; KB=UNK			SPUD DATE: 09/14/41		COMP DATE: 11/16/41	
API#: 30-015-05216		PREPARED BY: C.H. CARLETON			DATE: 05/02/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 515'	8 5/8"	24#			10"
CASING:	0' - 2910'	7"	20#			8"
CASING:						
TUBING:	0' - 2850'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

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

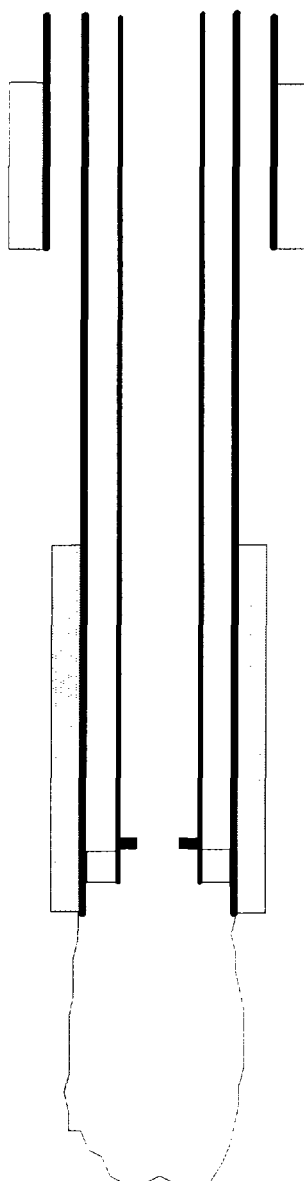
III Well Data:

- A.
- (1) Turner "A" #15
1650'FNL & 1980'FWL
Section 19-T17S-R31E
Eddy County, NM
 - (2) Surface Casing:
8 5/8" 32# @ 495'. Set with 50 sxs. TOC @ 260'(Calculated)
Hole Size = 10"
 - Production Casing:
7" 20# @ 2910'. Set with 100 sxs. TOC @ 2100'(Calculated)
Hole Size = 8"
 - (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2850'.
 - (4) 7" Baker J-LOC tension packer set at 2850'.
- B.
- (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
 - (2) The injection interval will be through open hole 2910'- 3444'. The injection interval is 2600'- 3433'.
 - (3) This well was originally drilled and completed as a Grayburg/San Andres oil well , but has since been converted to a water injection well injecting into the Grayburg/San Andres formation.
 - (4) Additional perforations may be added in the 2600'- 3433' interval.
 - (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #15			FIELD: GRAYBURG-JACKSON			
LOCATION: 1650'FNL & 1980'FWL, SEC 19-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK ; KB=UNK			SPUD DATE: 10/06/41		COMP DATE: 02/13/42	
API#: 30-015-05240		PREPARED BY: C.H. CARLETON			DATE: 04/18/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 495'	8 5/8"	32#			10"
CASING:	0' - 2910'	7"	20#			8"
CASING:						
TUBING:	0' - 2900'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

8 5/8" CASING, SET W/50 SXS. TOC @ 260'(CALC)

SEAT NIPPLE @ 2900'

JOHNSON MODEL 101-S PACKER @ 2901'

7" CASING SET W/100 SXS. TOC @ 2100'(CALC)

OPEN HOLE COMPLETION: 2910'- 3444'

TD @ 3444'

NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: TURNER "A" #15			FIELD: GRAYBURG-JACKSON			
LOCATION: 1650'FNL & 1980'FWL, SEC 19-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK ; KB=UNK			SPUD DATE: 10/06/41		COMP DATE: 02/13/42	
API#: 30-015-05240		PREPARED BY: C.H. CARLETON			DATE: 05/02/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 495'	8 5/8"	32#			10"
CASING:	0' - 2910'	7"	20#			8"
CASING:						
TUBING:	0' - 2850'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						

☐ CURRENT
☒ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

8 5/8" CASING, SET W/50 SXS. TOC @ 260'(CALC)

INJECTION INTERVAL: 2600'- 3433'

BAKER J-LOC PACKER @ 2850'

7" CASING SET W/100 SXS. TOC @ 2100'(CALC)

OPEN HOLE COMPLETION: 2910'- 3444'

TD @ 3444'

NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

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

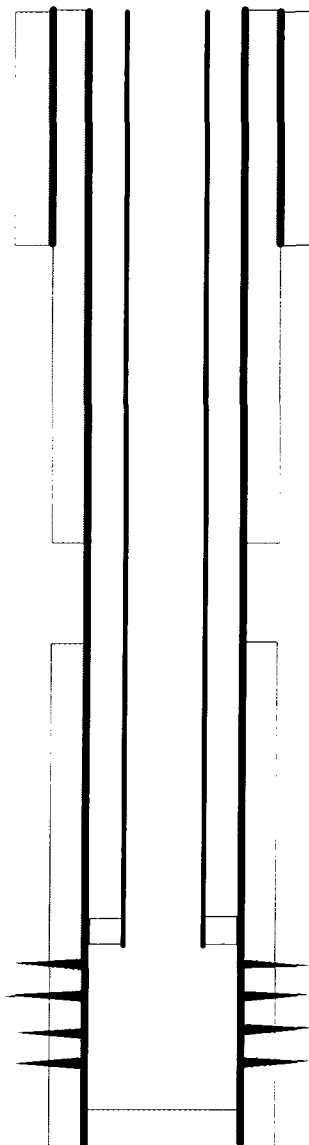
III Well Data:

- A. (1) Turner "A" #35
1800'FNL & 660'FEL
Section 19-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
8 5/8" 20# @ 555'. Set with 350 sxs. TOC @ surface
Hole Size = 12 1/4"
- Production Casing:
4 1/2" 9.5# J-55 @ 3635'. Set with 390 sxs. TOC @ 1480'
Hole Size = 7 7/8"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2900'.
- (4) 4 1/2" Baker AD-1 tension packer set at 2900'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
- (2) The injection interval will be through perforations 2930'- 3380'. The injection interval is 2570'- 3635'.
- (3) This well was originally drilled and completed as a water injection well , injecting into the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 2570'- 3635' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #35			FIELD: GRAYBURG-JACKSON			
LOCATION: 1800'FNL & 660'FEL, SEC 19-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3619'; KB=UNK			SPUD DATE: 12/02/67		COMP DATE: 01/17/68	
API#: 30-015-20097		PREPARED BY: C.H. CARLETON			DATE: 04/18/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 555'	8 5/8"	20#	SP-40		12 1/4"
CASING:	0' - 3635'	4 1/2"	9.5#	J-55		7 7/8"
CASING:						
TUBING:	0' - 2846'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

8 5/8" CASING, SET W/350 SXS. TOC @ SURFACE

CIRCULATE CEMENT TO SURFACE FROM 1304' WITH 450 SXS.

BAKER J-LOC PACKER @ 2846"

PERFORATIONS: 2930'- 3380' (OA)

PBTD @ 3618'

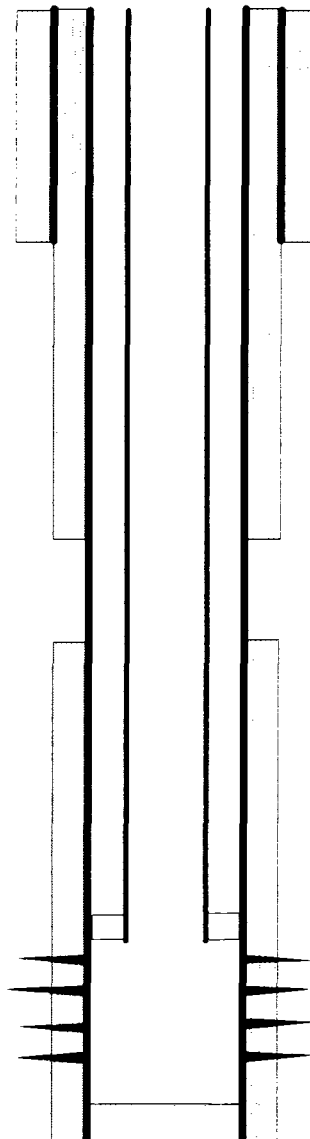
4 1/2" CASING SET W/390 SXS. TOC @ 1480'

TD @ 3635'

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #35			FIELD: GRAYBURG-JACKSON			
LOCATION: 1800'FNL & 660'FEL, SEC 19-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3619'; KB=UNK			SPUD DATE: 12/02/67		COMP DATE: 01/17/68	
API#: 30-015-20097		PREPARED BY: C.H. CARLETON			DATE: 05/02/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 555'	8 5/8"	20#	SP-40		12 1/4"
CASING:	0' - 3635'	4 1/2"	9.5#	J-55		7 7/8"
CASING:						
TUBING:	0' - 2900'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

8 5/8" CASING, SET W/350 SXS. TOC @ SURFACE

CIRCULATE CEMENT TO SURFACE FROM 1304' WITH 450 SXS.

INJECTION INTERVAL: 2570' - 3635'

BAKER AD-1 PACKER @ 2900'

PERFORATIONS: 2930' - 3380' (OA)

PBTD @ 3618'

4 1/2" CASING SET W/390 SXS. TOC @ 1480'

TD @ 3635'

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

III Well Data:

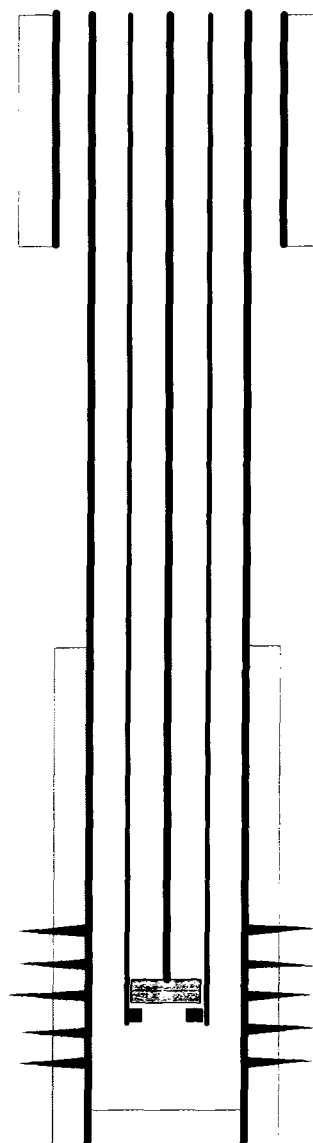
- A. (1) Turner "A" #36
1800'FNL & 1980'FEL
Section 19-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
9 5/8" 32.3# H-40 @ 605'. Set with 350 sxs. TOC @ surface
Hole Size = 12 1/4"
- Production Casing:
7" 20# J-55 @ 3450'. Set with 450 sxs. TOC @ 1800'(Temp Survey)
Hole Size = unknown
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2900'.
- (4) 7" Baker J-LOC tension packer set at 2900'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
- (2) The injection interval will be through perforations 2934'- 3418'. The injection interval is 2580'- 3450'.
- (3) This well was originally drilled and completed as an oil well , producing from the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 2580'- 3450' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #36		FIELD: GRAYBURG-JACKSON	
LOCATION: 1800'FNL & 1980'FEL, SEC 19-T17S-R31E		COUNTY: EDDY	STATE: NM
ELEVATION: GL=3620'; KB=UNK		SPUD DATE: 11/18/67	COMP DATE: 12/10/67
API#: 30-015-20098	PREPARED BY: C.H. CARLETON		DATE: 04/18/96

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 605'	9 5/8"	32.3#	H-40		12 1/4"
CASING:	0' - 3450'	7"	20,23,26#	J-55		8 3/4"
CASING:						
TUBING:	0' - 3341'	2 7/8"	6.5#	J-55	EUE 8rd	
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

9 5/8" CASING, SET W/350 SXS. TOC @ SURFACE

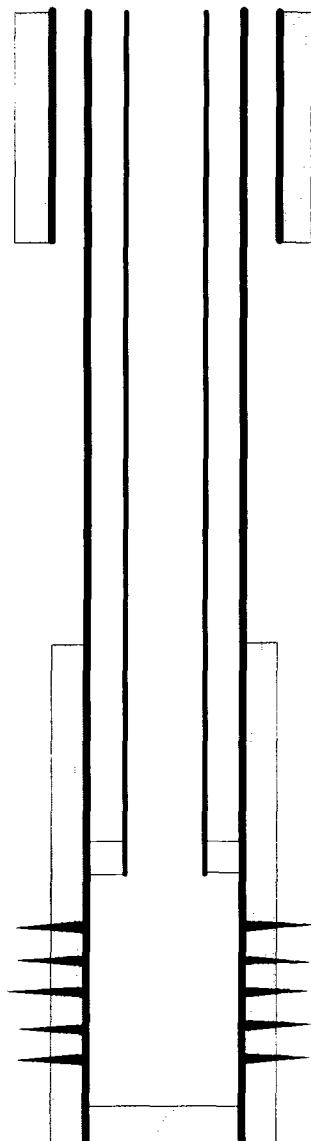
PERFORATIONS: 2934' - 3418' (OA)
SEAT NIPPLE @ 3341"

PBTD @ 3441'
7" CASING SET W/450 SXS. TOC @ 1800' (TEMP SURVEY)
TD @ 3450'

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #36			FIELD: GRAYBURG-JACKSON			
LOCATION: 1800'FNL & 1980'FEL, SEC 19-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3620'; KB=UNK			SPUD DATE: 11/18/67		COMP DATE: 12/10/67	
API#: 30-015-20098		PREPARED BY: C.H. CARLETON				DATE: 05/02/96
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 605'	9 5/8"	32.3#	H-40		12 1/4"
CASING:	0' - 3450'	7"	20,23,26#	J-55		8 3/4"
CASING:						
TUBING:	0' - 2900'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



☐ CURRENT ☒ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

9 5/8" CASING, SET W/350 SXS. TOC @ SURFACE

INJECTION INTERVAL: 2580' - 3450'

BAKER J-LOC PACKER @ 2900'

PERFORATIONS: 2934' - 3418' (OA)

PBTD @ 3441'

7" CASING SET W/450 SXS. TOC @ 1800' (TEMP SURVEY)

TD @ 3450'

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

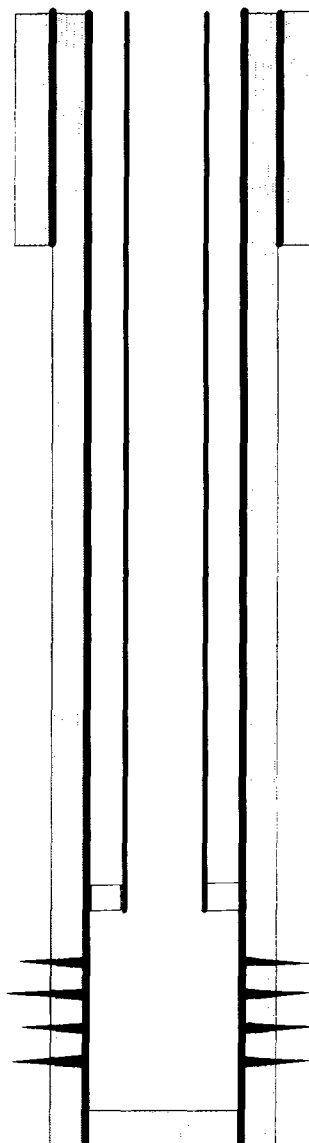
III Well Data:

- A. (1) Turner "A" #56 (Proposed re-drill for the Turner "A" #6)
585'FSL & 1800'FWL
Section 18-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
8 5/8" 24# J-55 @ 420'. TOC @ surface
Hole Size = 12 1/4"
- Production Casing:
5 1/2" 15.5# J-55 @ 3800'. TOC @ surface
Hole Size = 7 7/8"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2650'.
- (4) 5 1/2" Baker AD-1 tension packer set at 2650'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
- (2) The injection interval will be through perforations 2700'- 3770'. The injection interval is 2700'- 3770'.
- (3) This well will be drilled and completed as a water injection well , injecting into the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 2700'- 3770' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #56				FIELD: GRAYBURG-JACKSON		
LOCATION: 585'FSL & 1800'FWL, SEC 18-T17S-R31E				COUNTY: EDDY	STATE: NM	
ELEVATION: GL=UNK; KB=UNK				SPUD DATE:	COMP DATE:	
API#:	PREPARED BY: C.H. CARLETON				DATE: 05/01/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 420'	8 5/8"	24#	J-55	LT&C	12 1/4"
CASING:	0' - 3800'	5 1/2"	15.5#	J-55	LT&C	7 7/8"
CASING:						
TUBING:	0' - 2650'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

8 5/8" CASING CEMENTED TO SURFACE.

INJECTION INTERVAL: 2700'- 3770'

BAKER MODEL AD-1 PACKER @ 2650'

PERFORATIONS: 2700'- 3770' (OA)

5 1/2" CASING CEMENTED TO SURFACE
TD @ 3800'

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

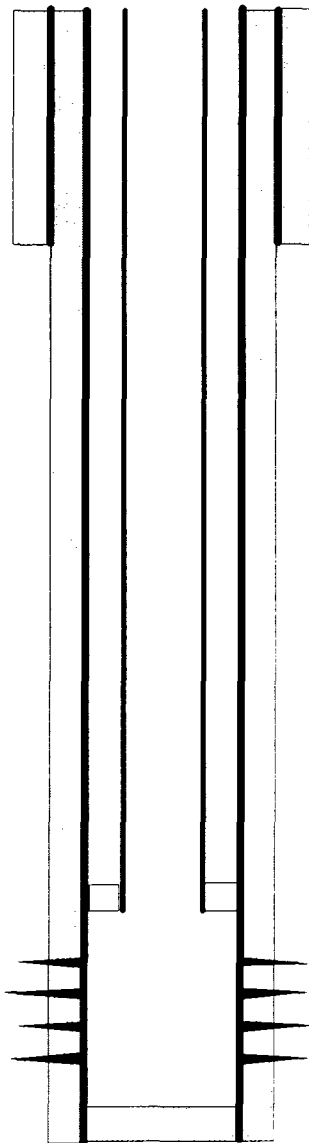
III Well Data:

- A. (1) Turner "A" #57 (Proposed re-drill for the Turner "A" #7)
580'FNL & 1905'FWL
Section 19-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
8 5/8" 24# J-55 @ 420'. TOC @ surface
Hole Size = 12 1/4"
- Production Casing:
5 1/2" 15.5# J-55 @ 3800'. TOC @ surface
Hole Size = 7 7/8"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2600'.
- (4) 5 1/2" Baker AD-1 tension packer set at 2600'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
- (2) The injection interval will be through perforations 2650'- 3700'. The injection interval is 2650'- 3700'.
- (3) This well will be drilled and completed as a water injection well , injecting into the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 2650'- 3700' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #57			FIELD: GRAYBURG-JACKSON			
LOCATION: 580'FNL & 1905'FWL, SEC 19-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=UNK; KB=UNK			SPUD DATE:		COMP DATE:	
API#:		PREPARED BY: C.H. CARLETON			DATE: 05/01/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 420'	8 5/8"	24#	J-55	LT&C	12 1/4"
CASING:	0' - 3800'	5 1/2"	15.5#	J-55	LT&C	7 7/8"
CASING:						
TUBING:	0' - 2600'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



☐ CURRENT

☒ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

8 5/8" CASING CEMENTED TO SURFACE.

INJECTION INTERVAL: 2650'- 3700'

BAKER MODEL AD-1 PACKER @ 2600'

PERFORATIONS: 2650'- 3700' (OA)

5 1/2" CASING CEMENTED TO SURFACE
TD @ 3800'

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

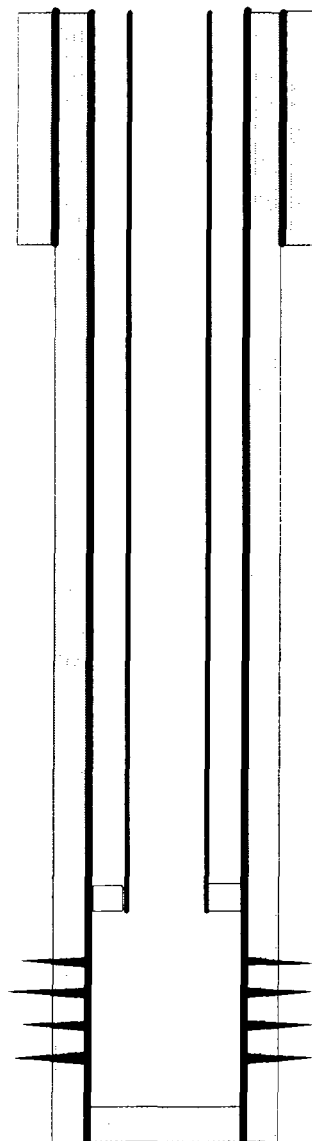
III Well Data:

- A. (1) Turner "A" #58 (Proposed re-drill for the Turner "A" #8)
560'FSL & 1880'FEL
Section 18-T17S-R31E
Eddy County, NM
- (2) Surface Casing:
8 5/8" 24# J-55 @ 420'. TOC @ surface
Hole Size = 12 1/4"
- Production Casing:
5 1/2" 15.5# J-55 @ 3800'. TOC @ surface
Hole Size = 7 7/8"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 2600'.
- (4) 5 1/2" Baker AD-1 tension packer set at 2600'.
- B. (1) The injection formation will be the Grayburg/San Andres in the Grayburg-Jackson field.
- (2) The injection interval will be through perforations 2650'- 3600'. The injection interval is 2650'- 3600'.
- (3) This well will be drilled and completed as a water injection well , injecting into the Grayburg/San Andres formation.
- (4) Additional perforations may be added in the 2650'- 3600' interval.
- (5) The top of the Seven Rivers formation is at approximately 2300', there are no known lower oil zones.

III Well Data:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #58				FIELD: GRAYBURG-JACKSON		
LOCATION: 560'FSL & 1880'FEL, SEC 18-T17S-R31E				COUNTY: EDDY		STATE: NM
ELEVATION: GL=UNK, KB=UNK				SPUD DATE:		COMP DATE:
API#:		PREPARED BY: C.H. CARLETON			DATE: 05/01/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 420'	8 5/8"	24#	J-55	LT&C	12 1/4"
CASING:	0' - 3800'	5 1/2"	15.5#	J-55	LT&C	7 7/8"
CASING:						
TUBING:	0' - 2600'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						

☐

CURRENT

PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

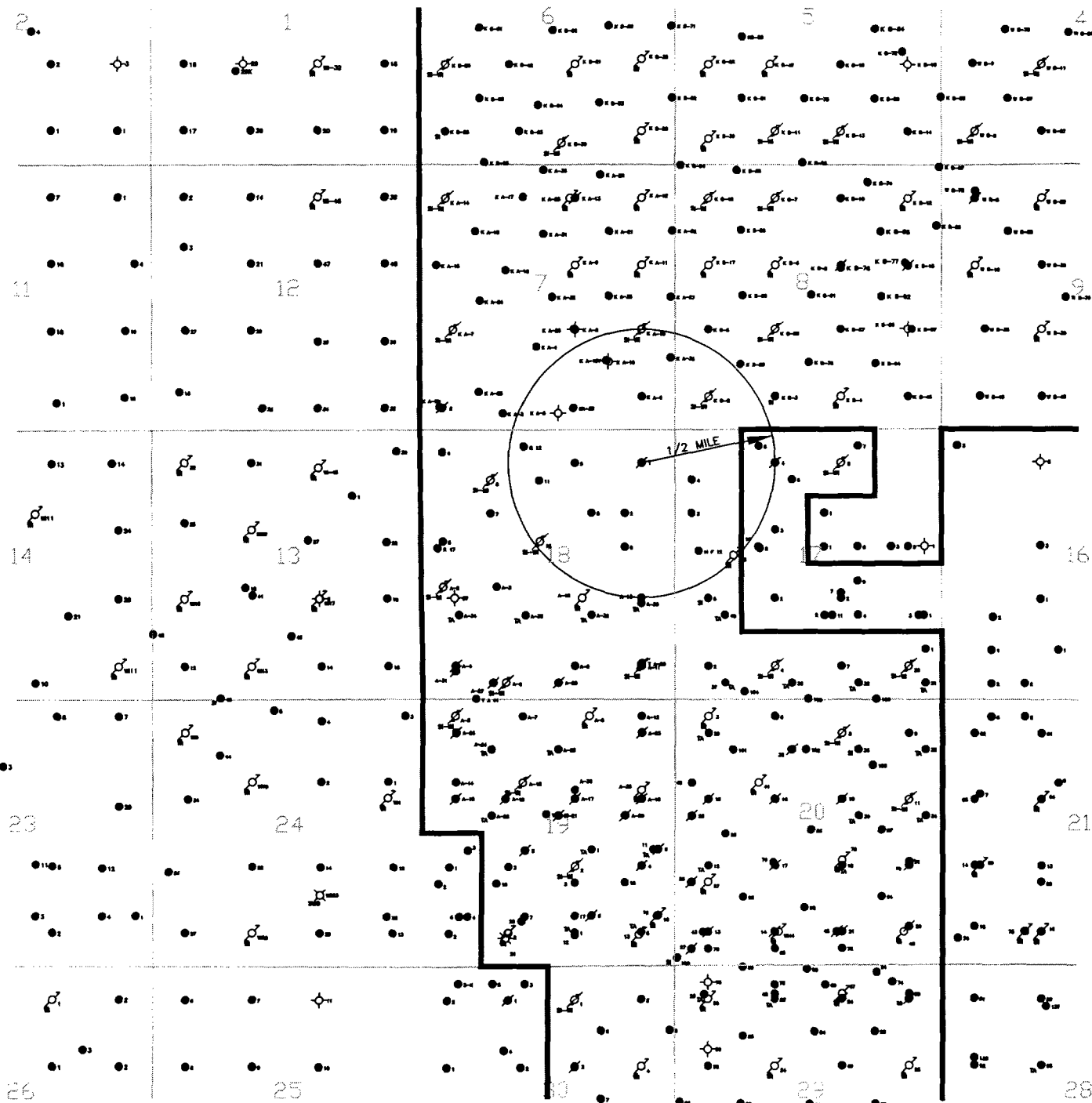
8 5/8" CASING CEMENTED TO SURFACE.

INJECTION INTERVAL: 2650'- 3600'

BAKER MODEL AD-1 PACKER @ 2600'

PERFORATIONS: 2650'- 3600' (OA)

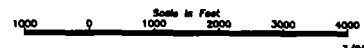
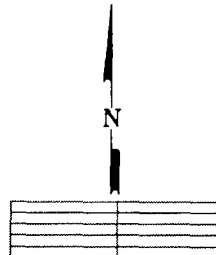
5 1/2" CASING CEMENTED TO SURFACE
TD @ 3800'

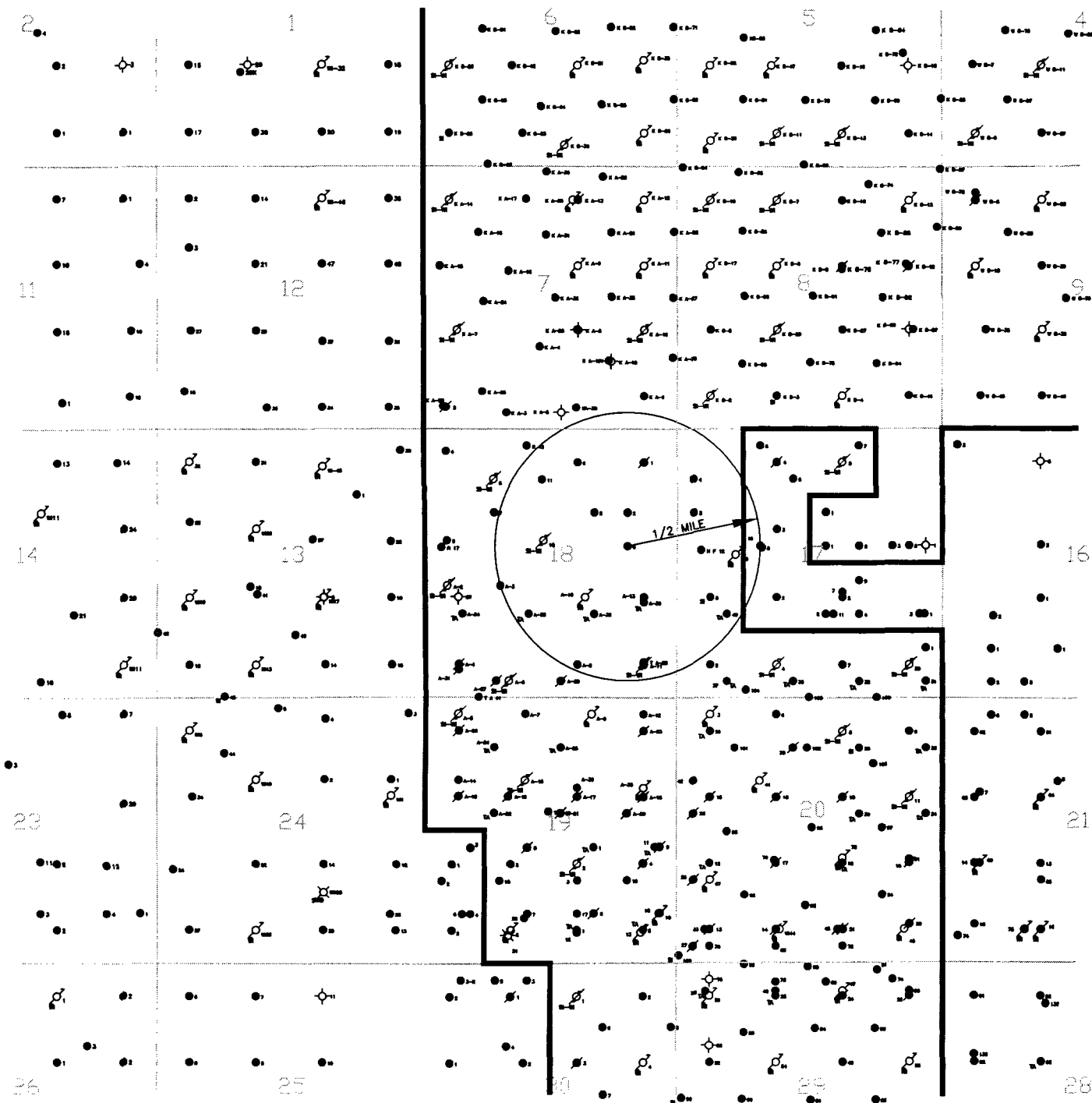


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GRAYBURG-JACKSON AREA
EDDY COUNTY, NEW MEXICO

HUDSON FEDERAL #1





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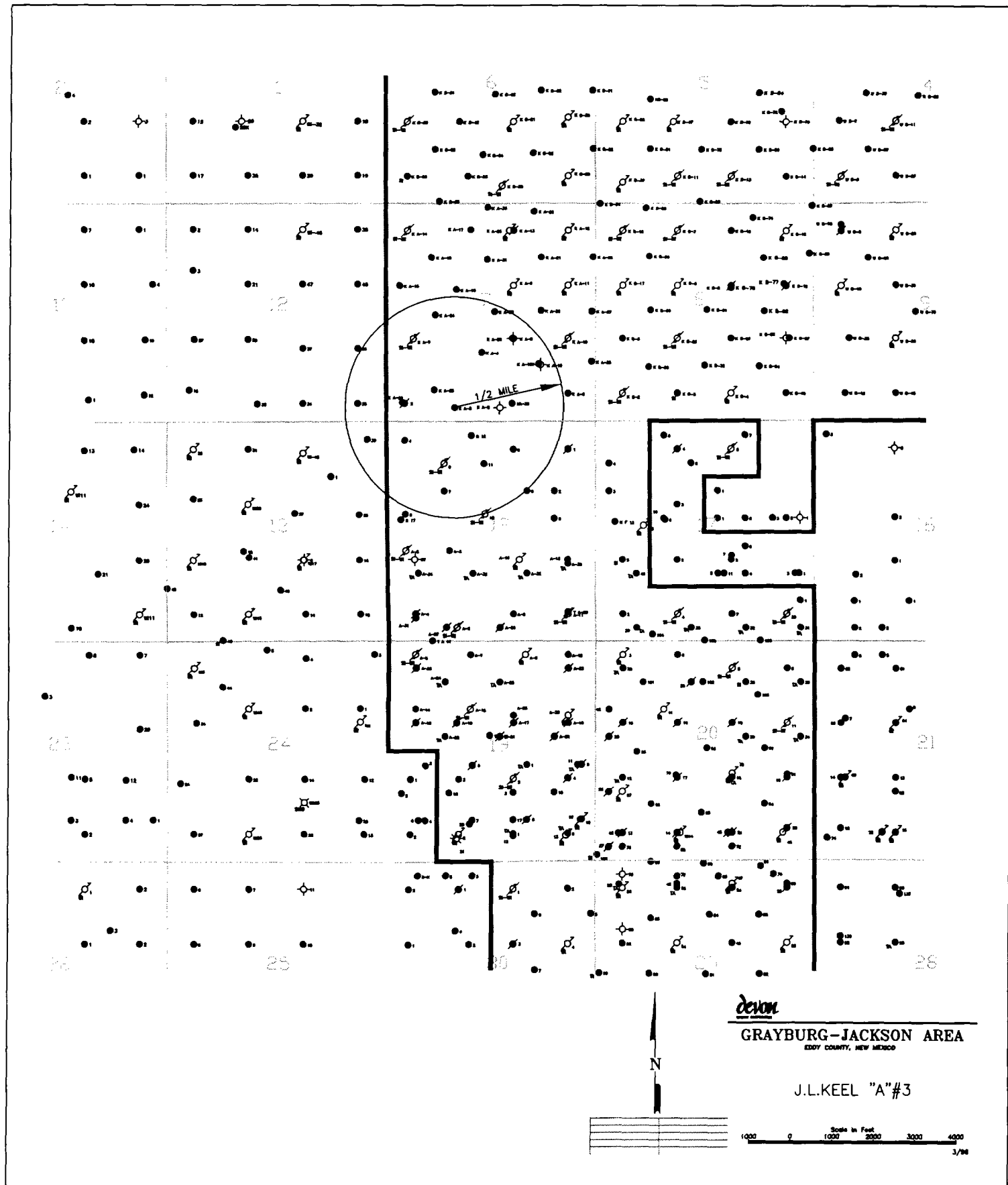
GRAYBURG-JACKSON AREA
EDDY COUNTY, NEW MEXICO

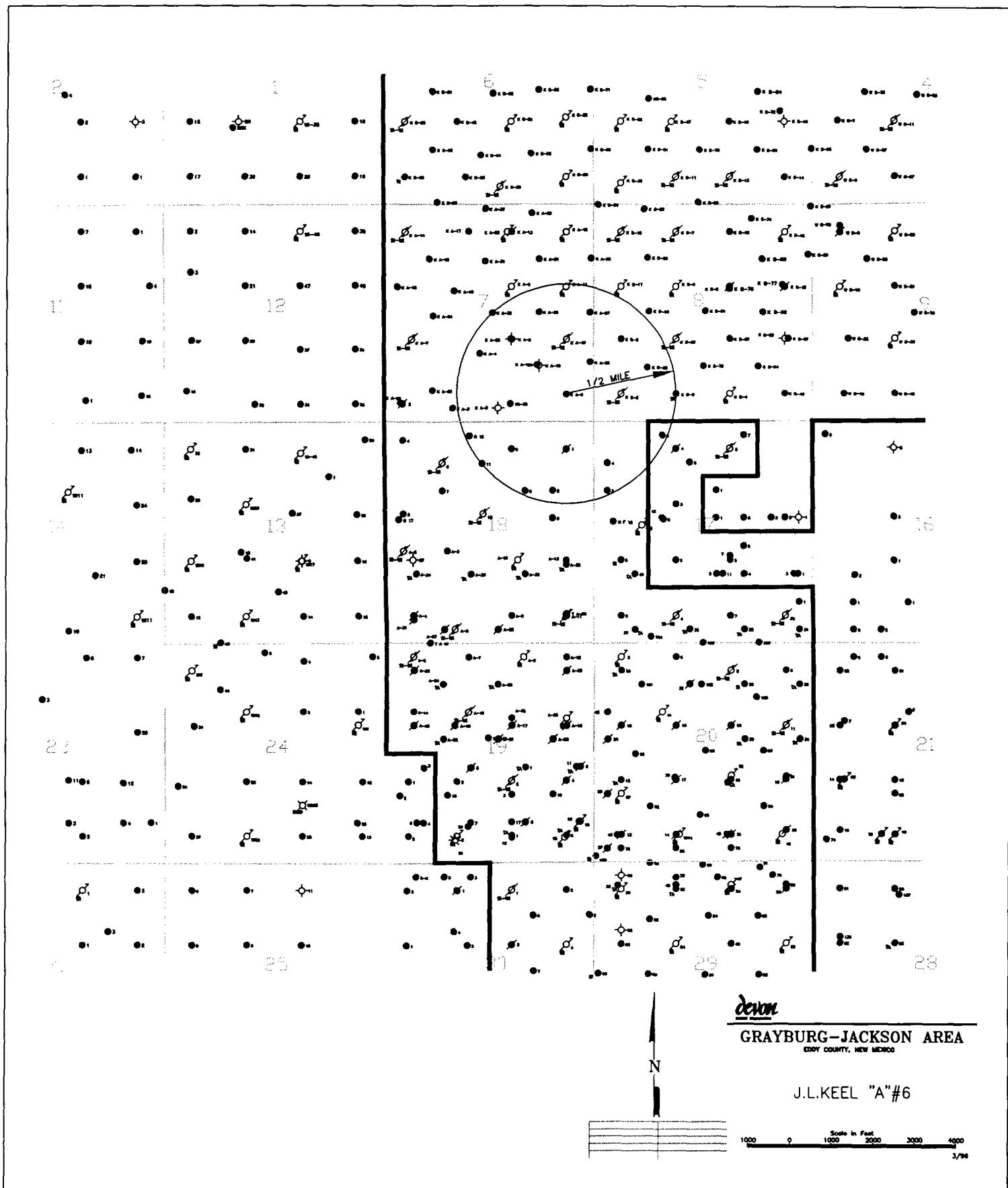
HUDSON FEDERAL #6

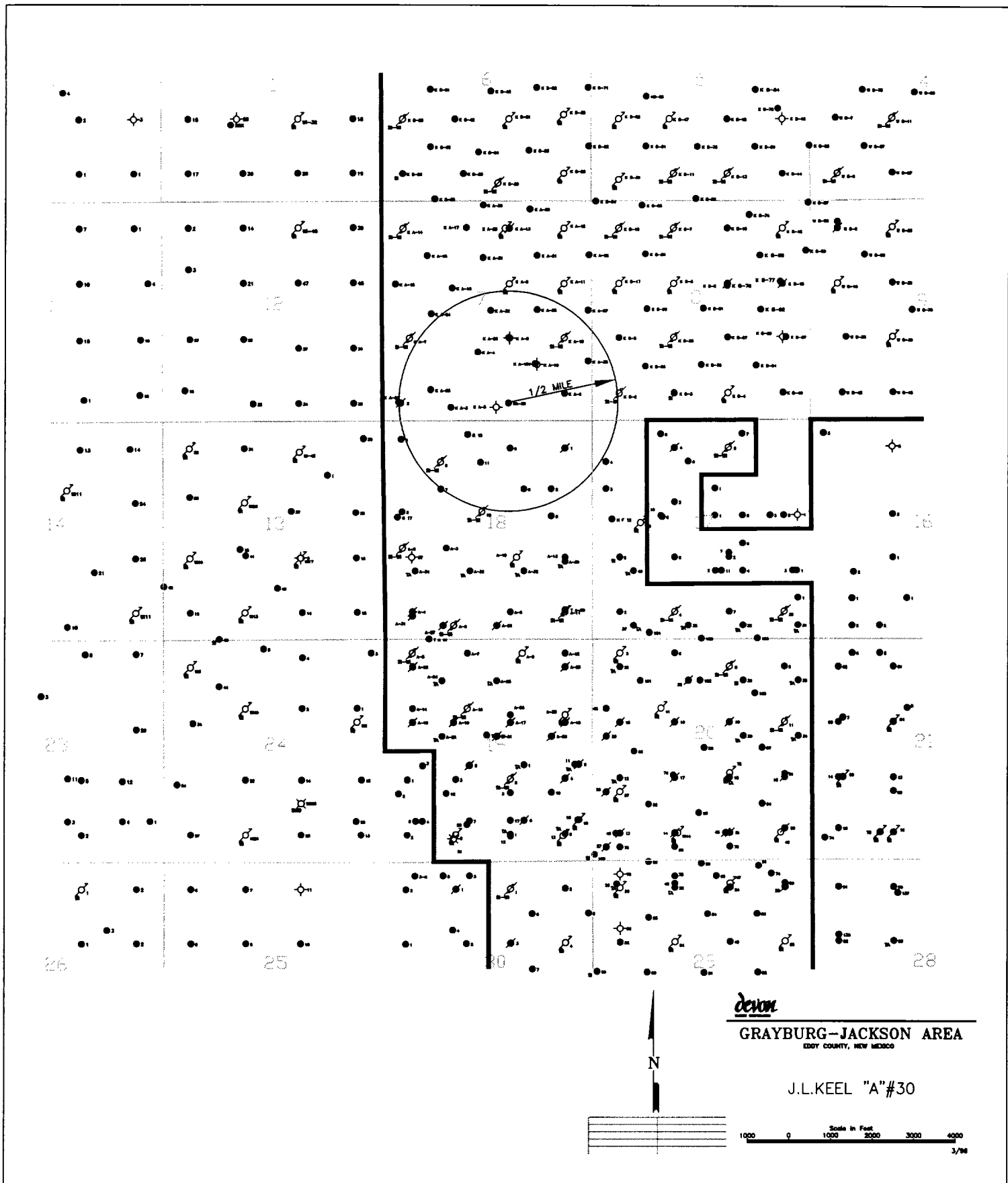
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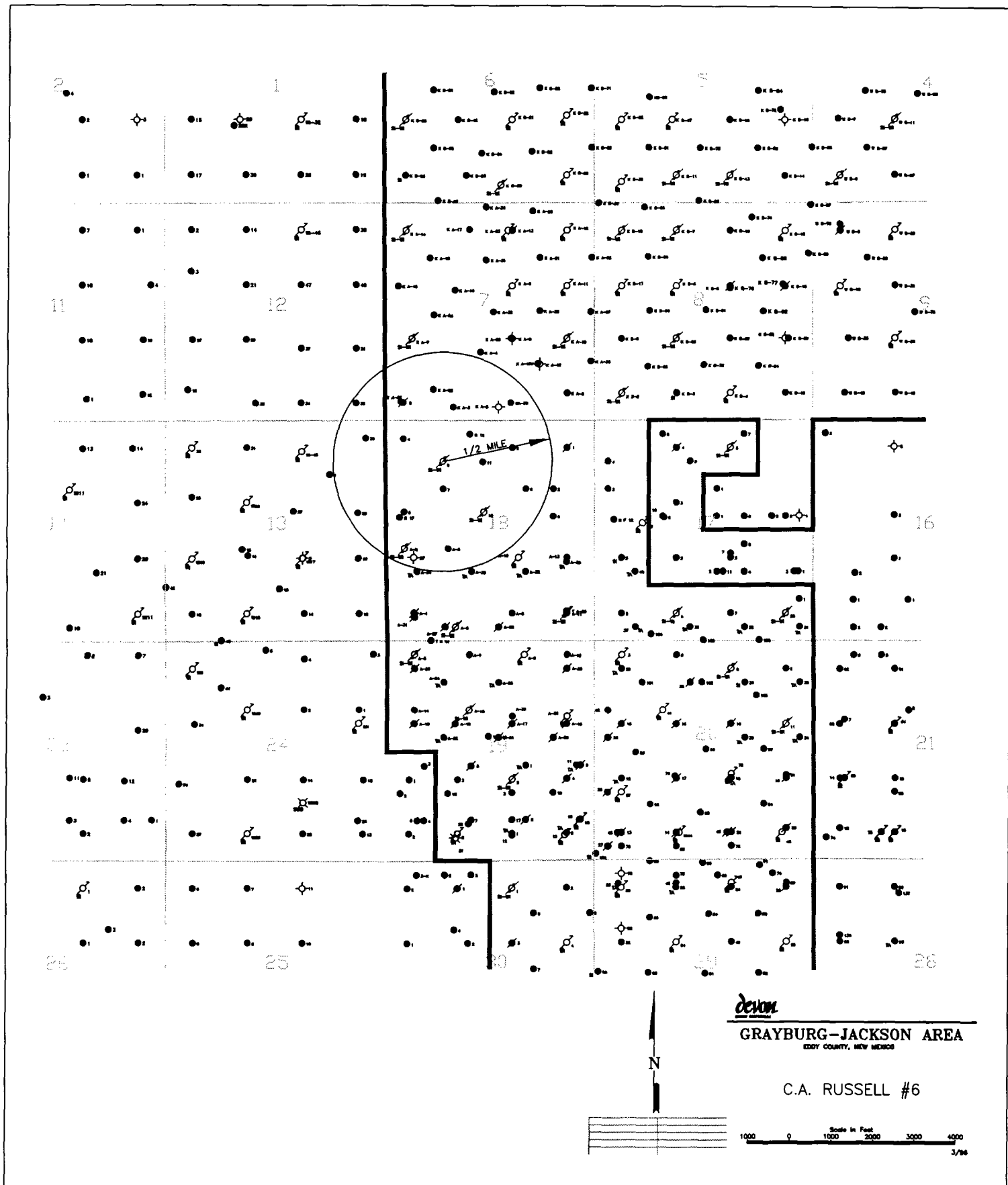


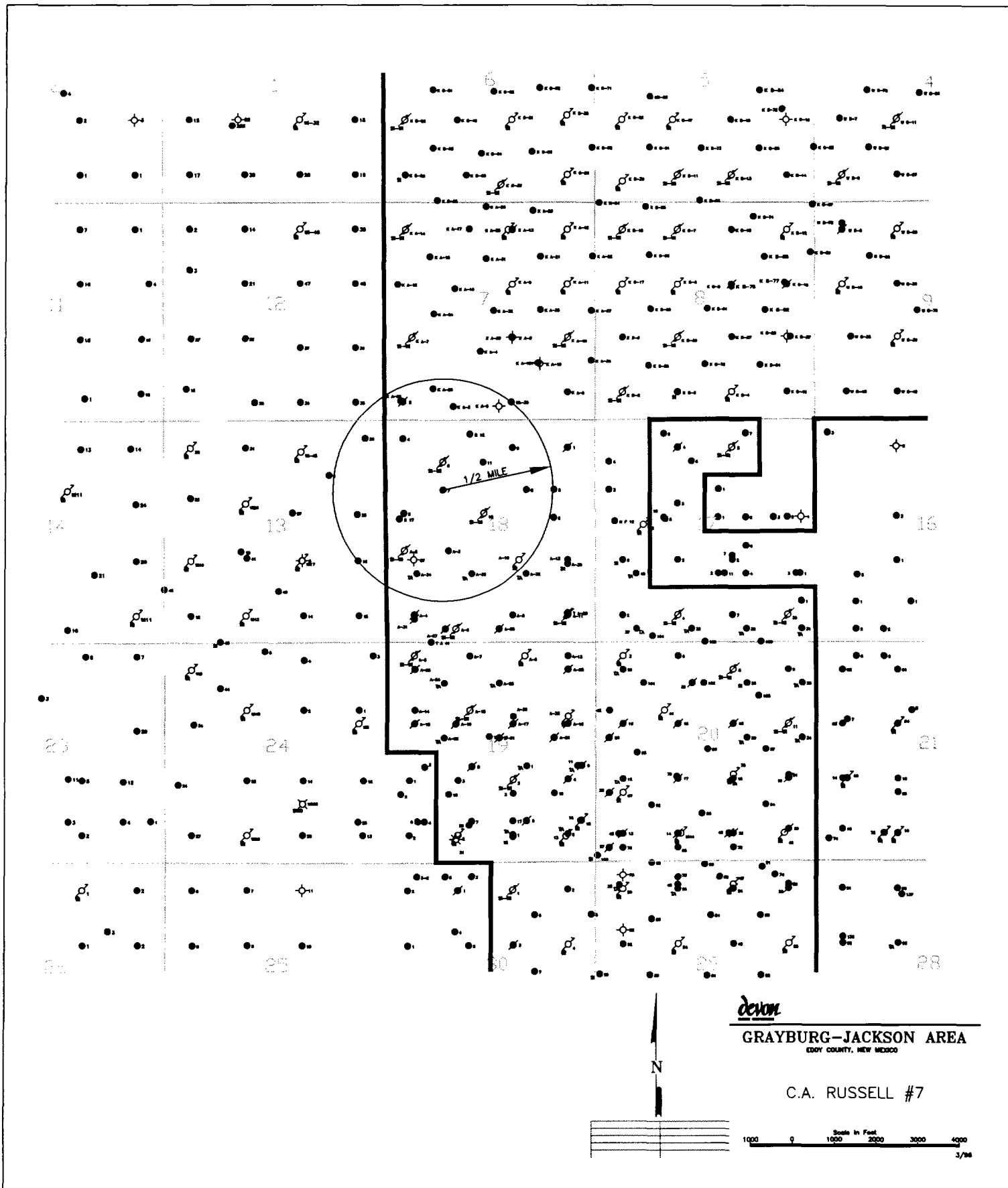
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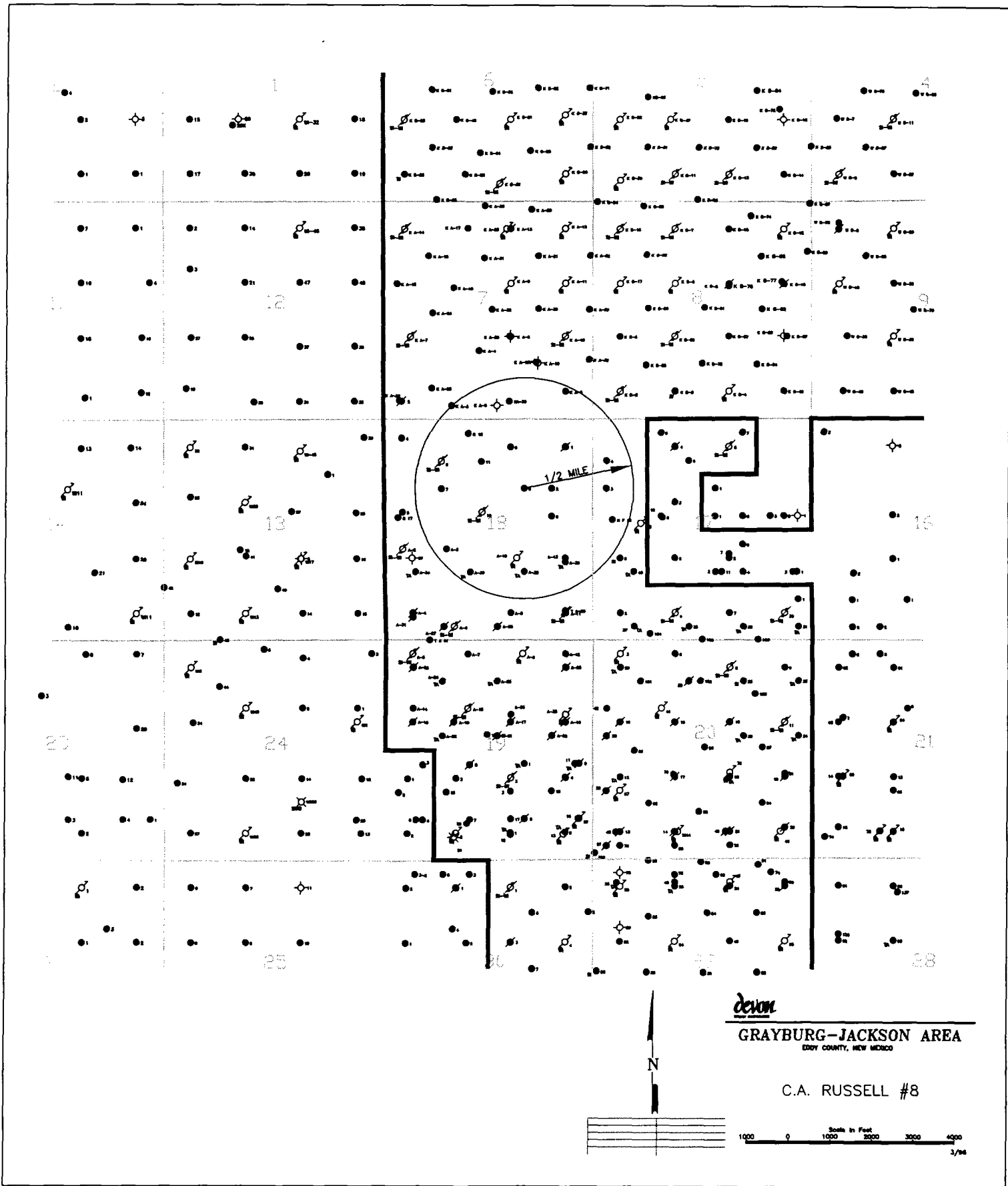


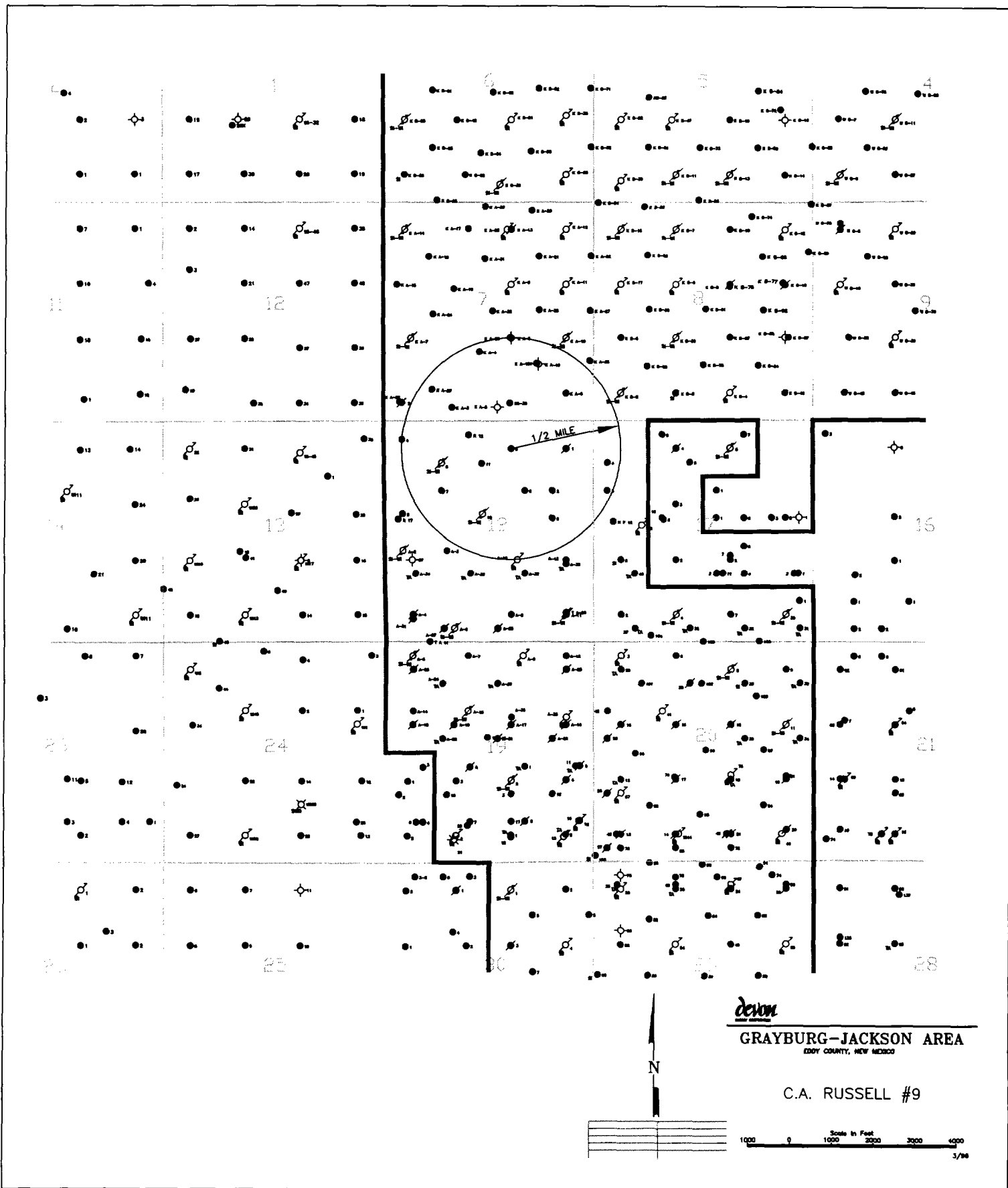


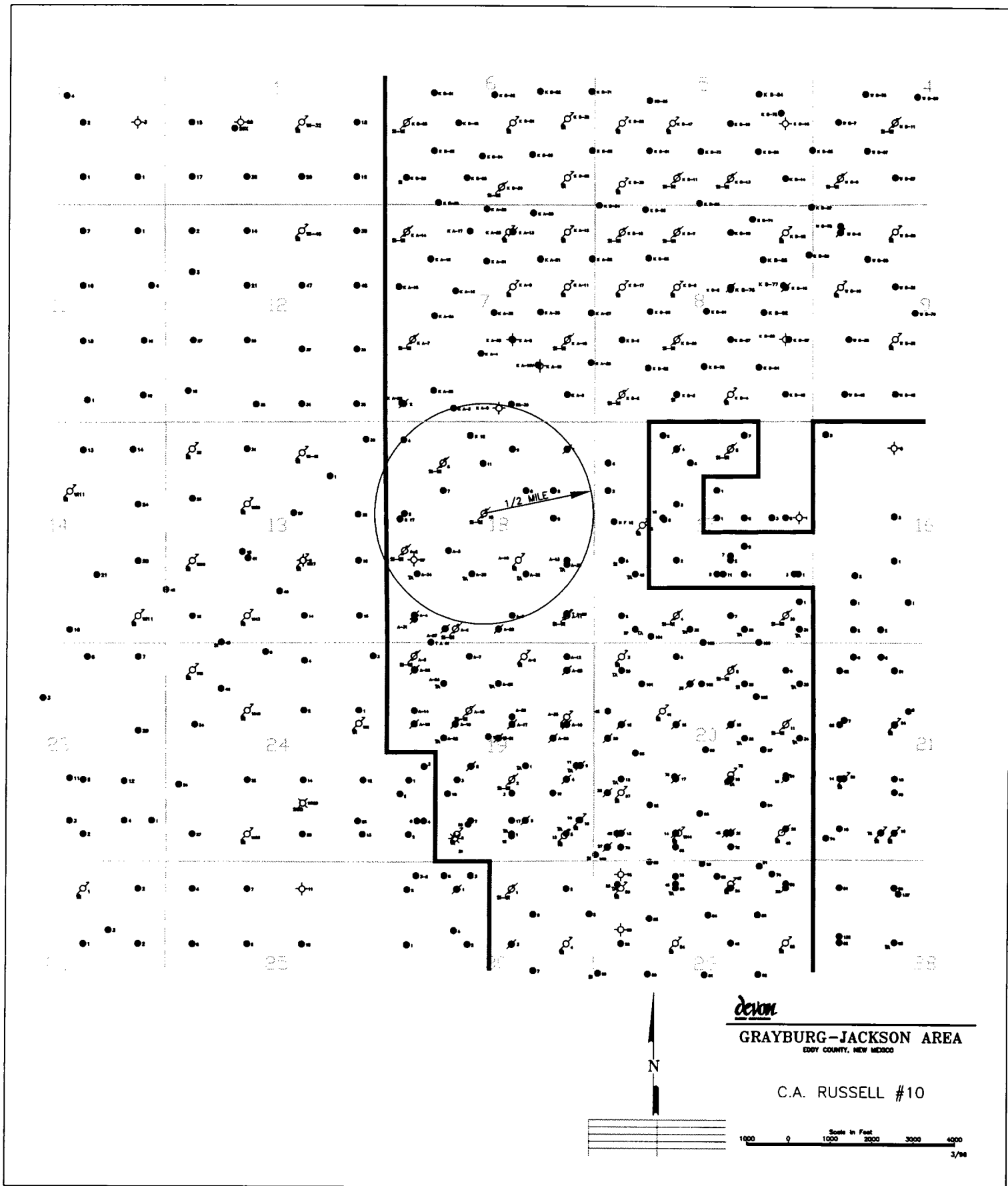


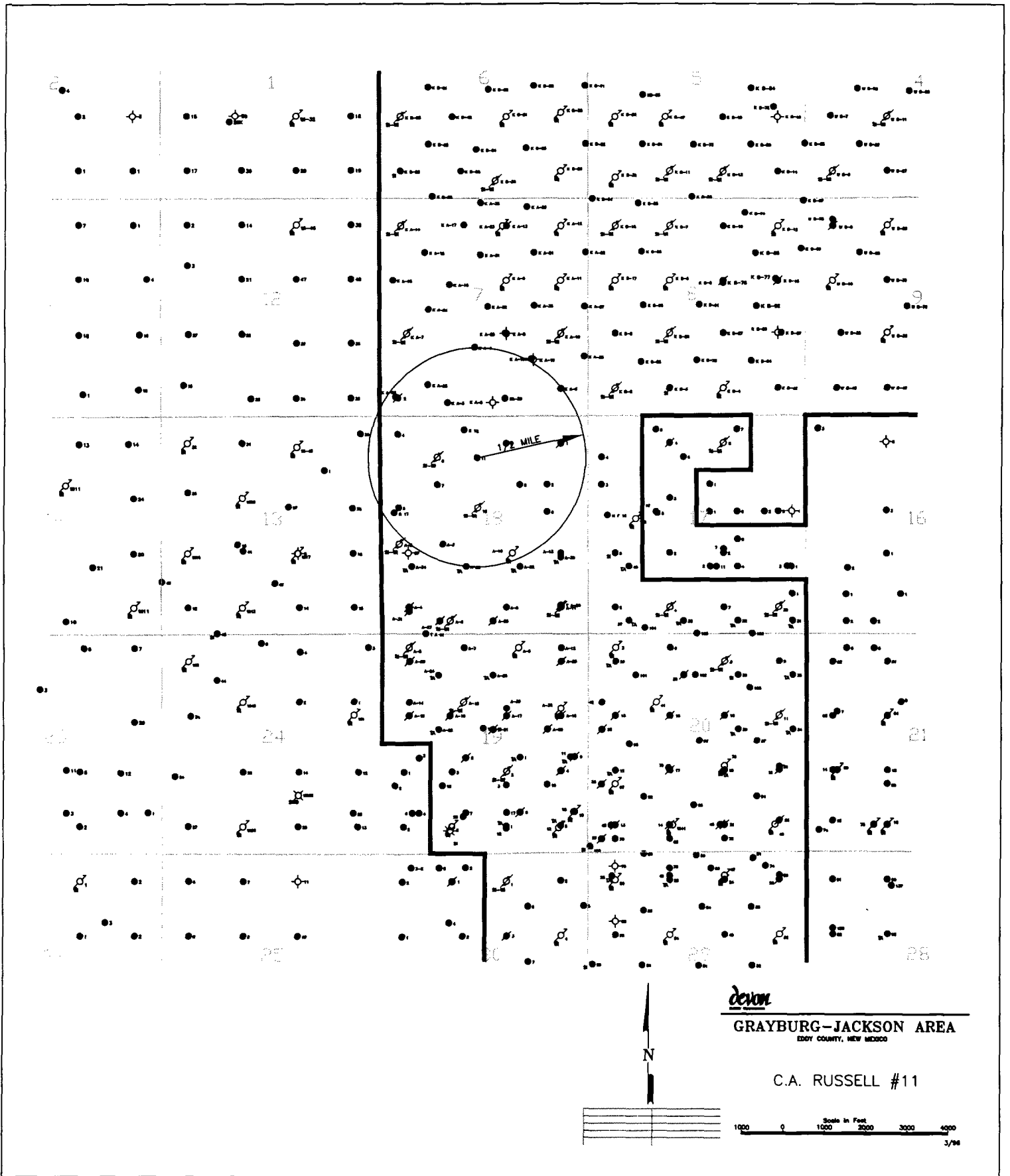


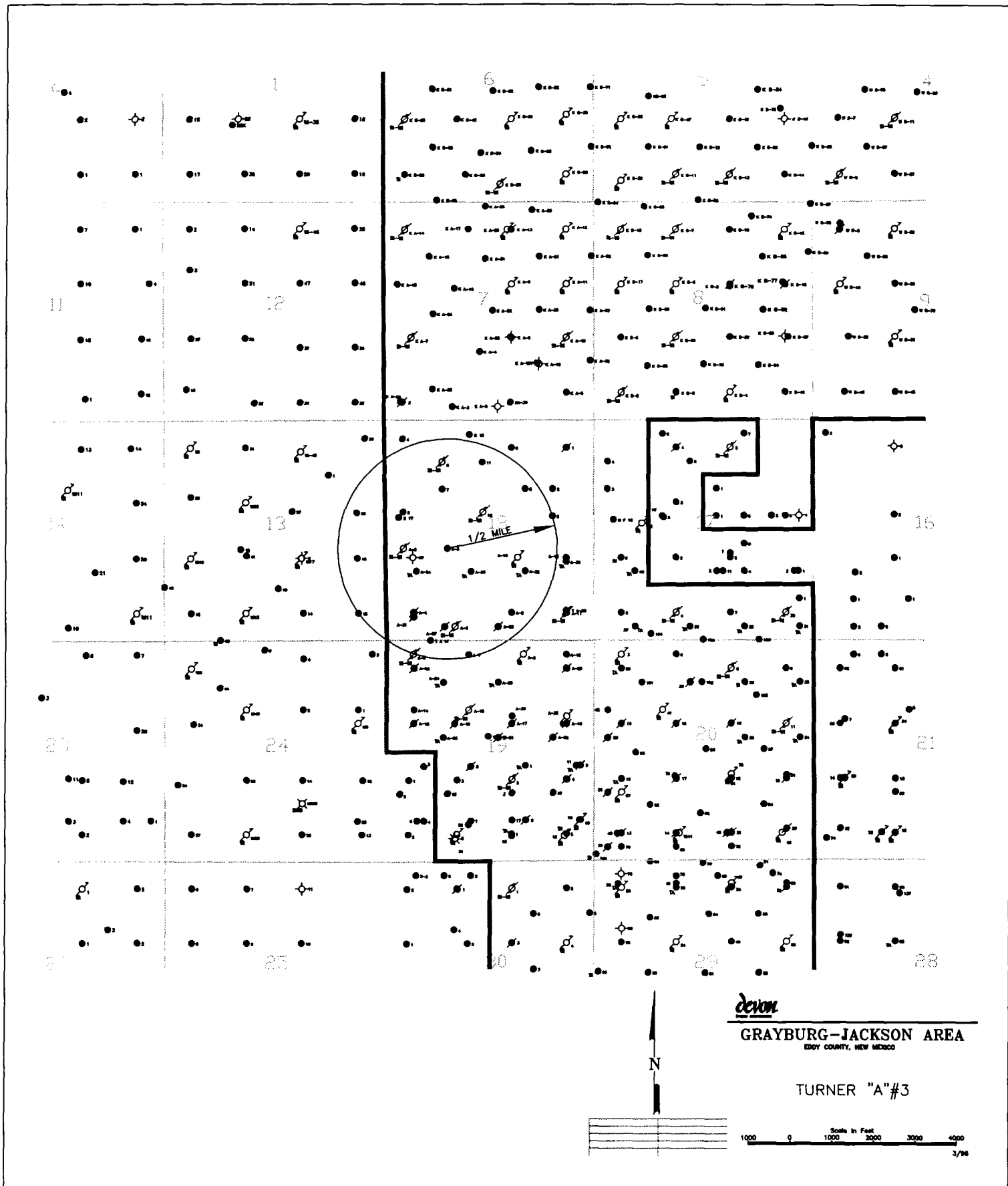


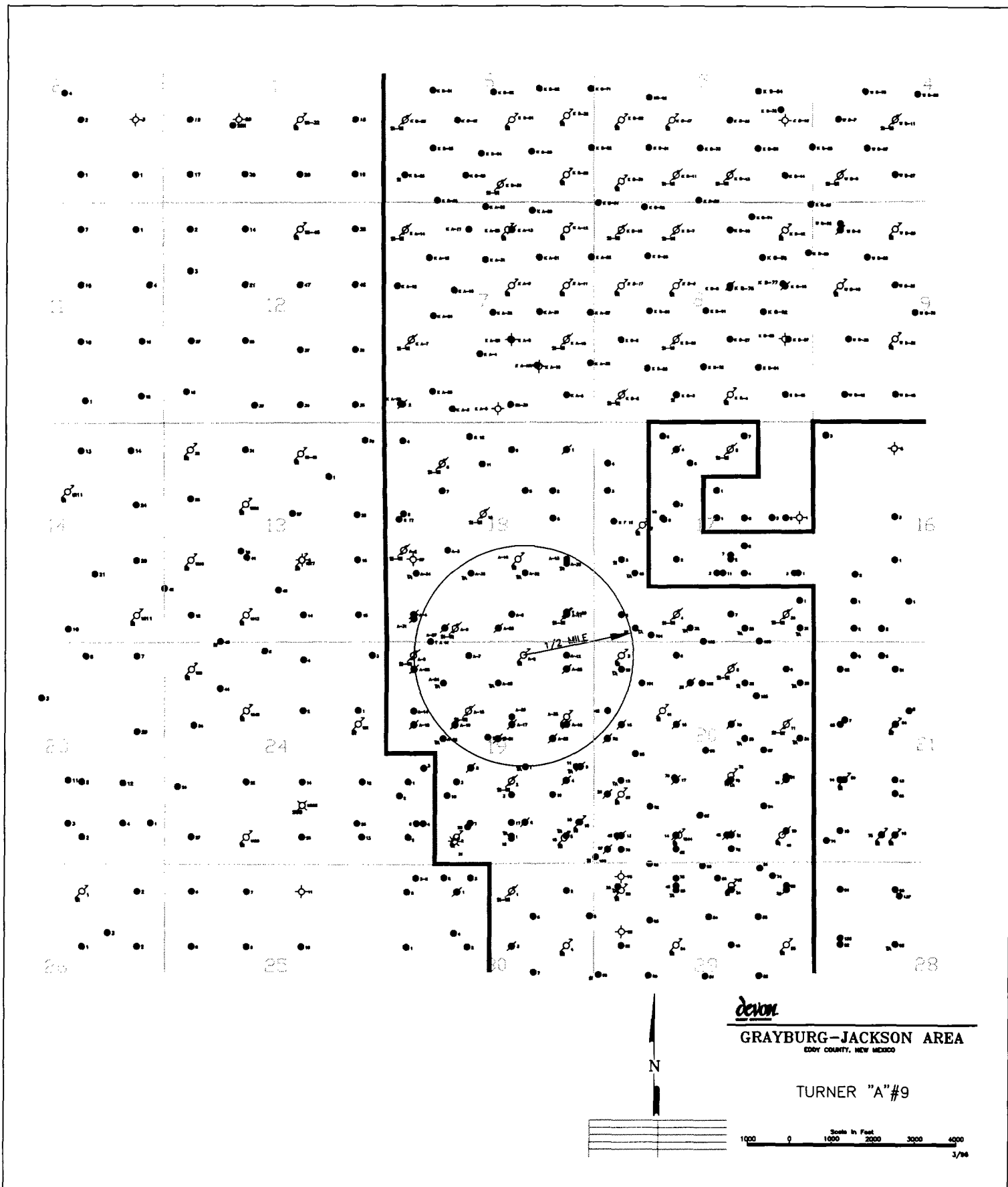


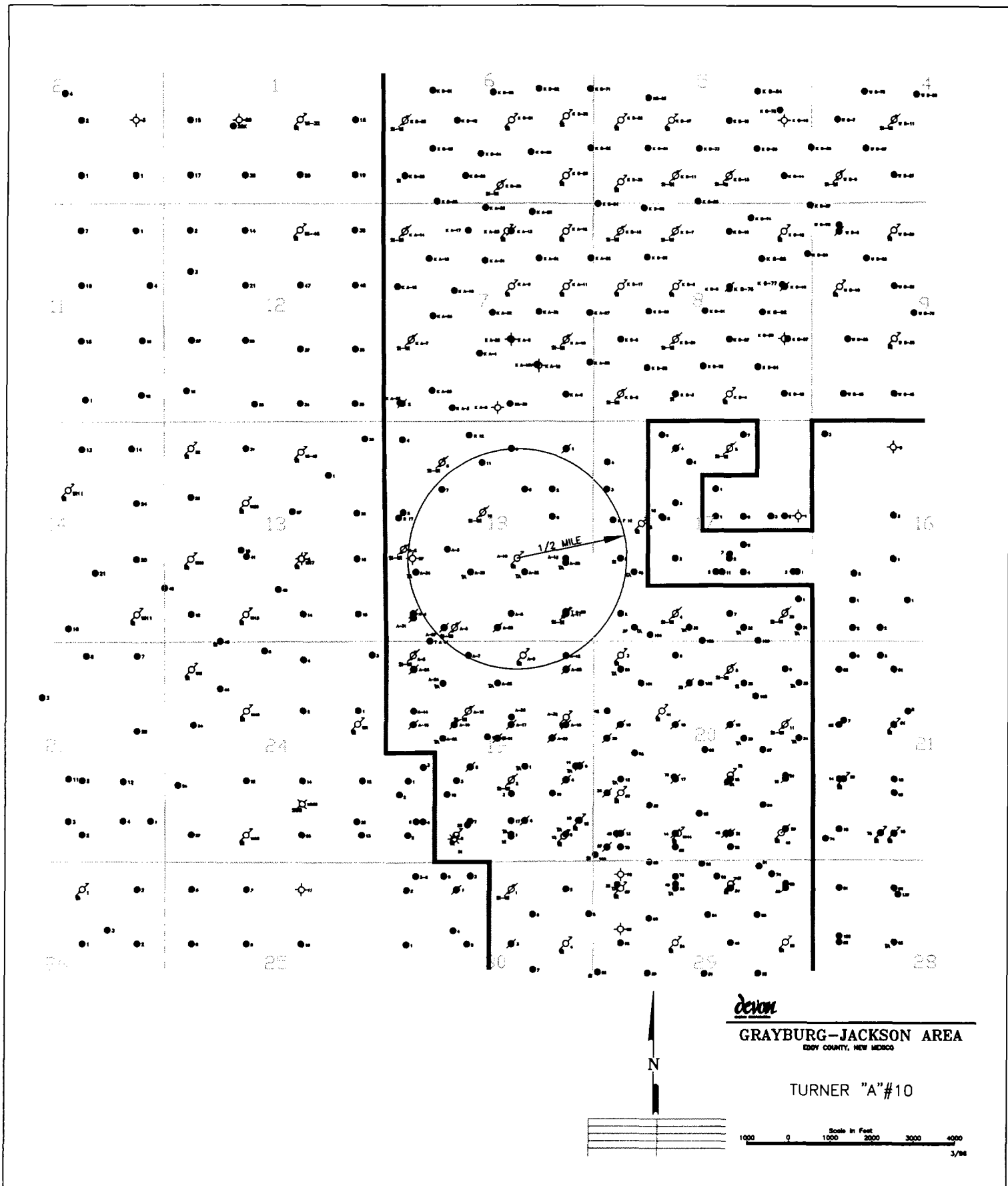


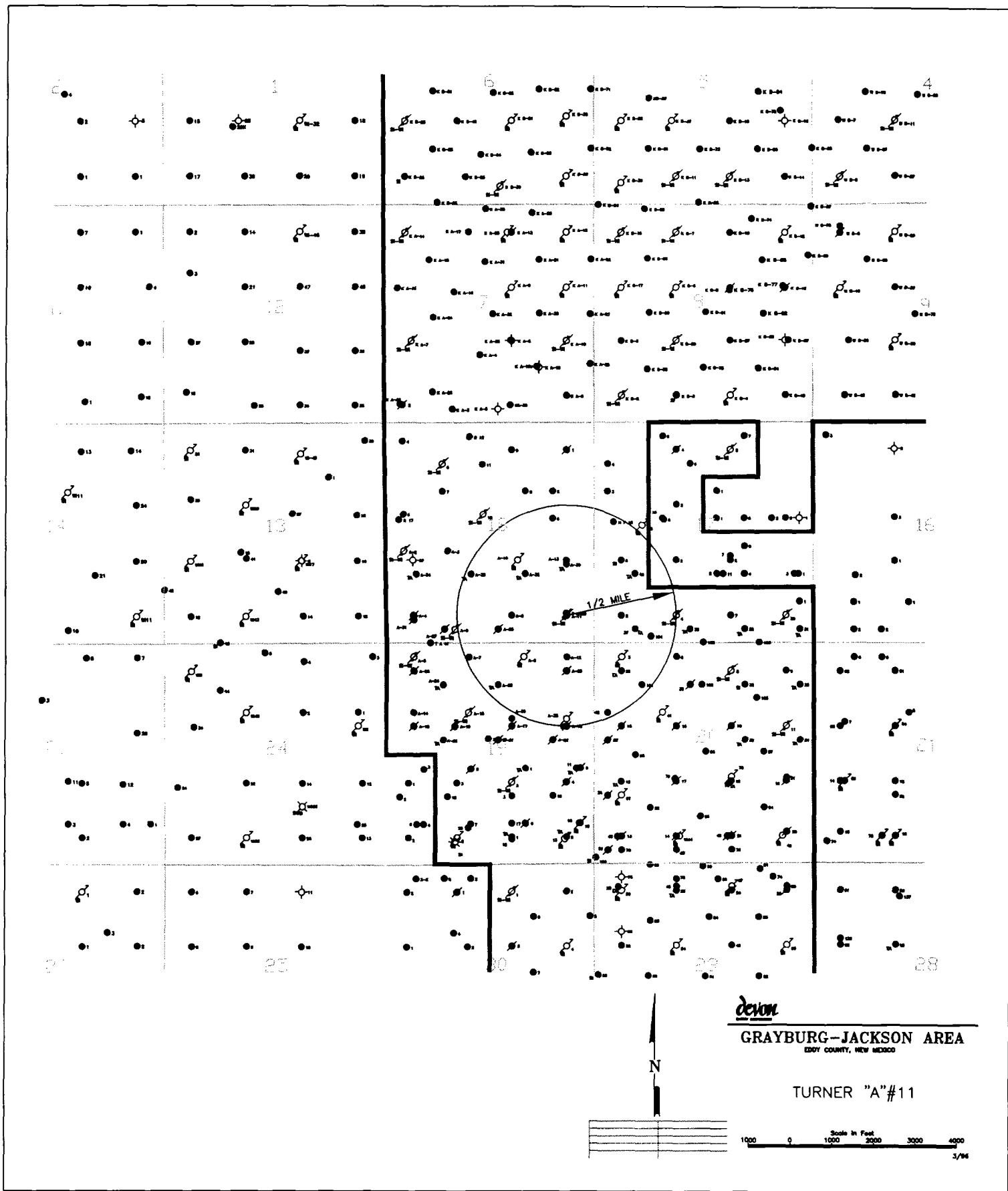








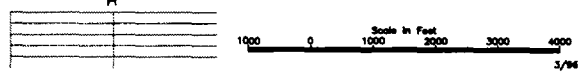


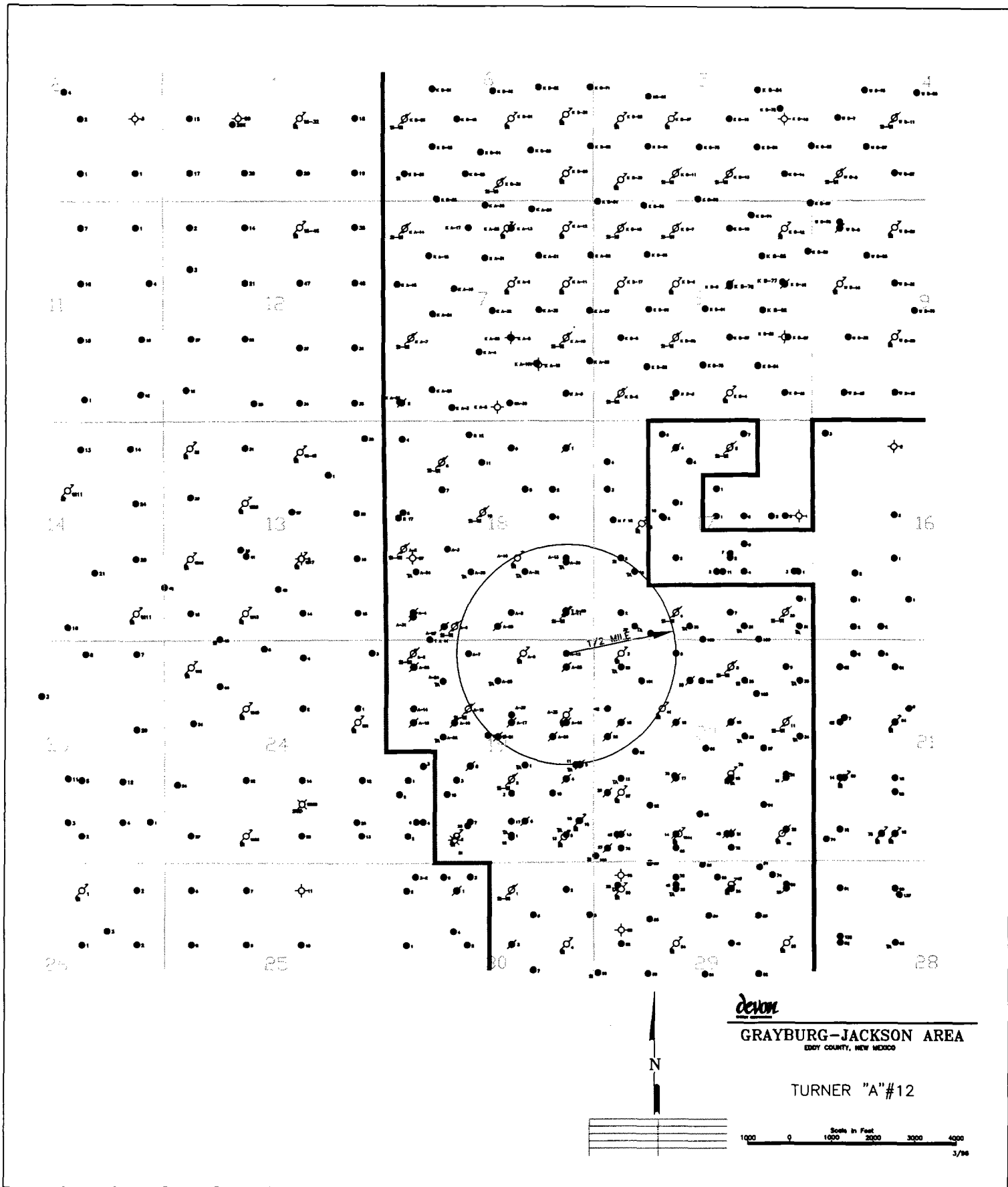


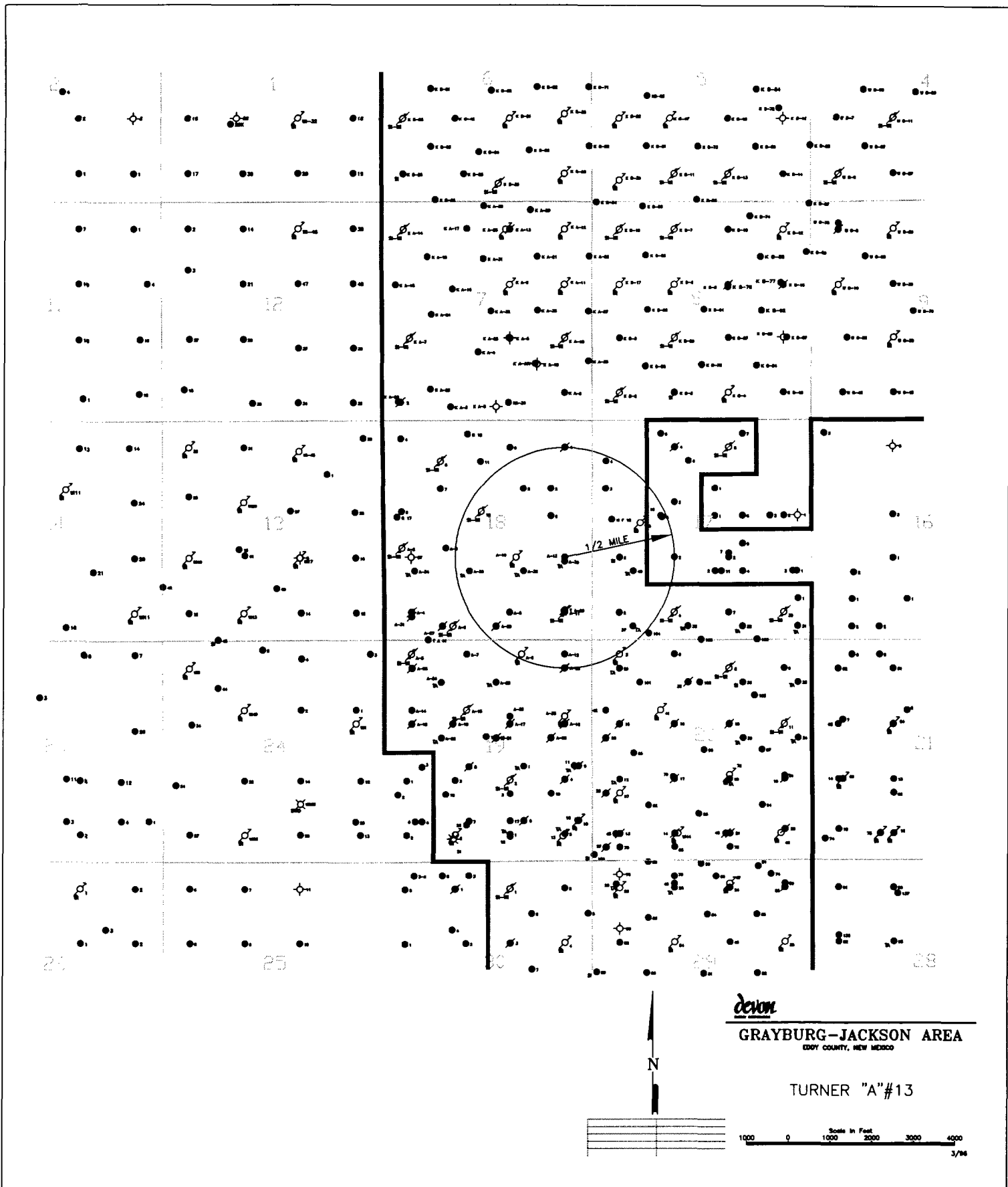
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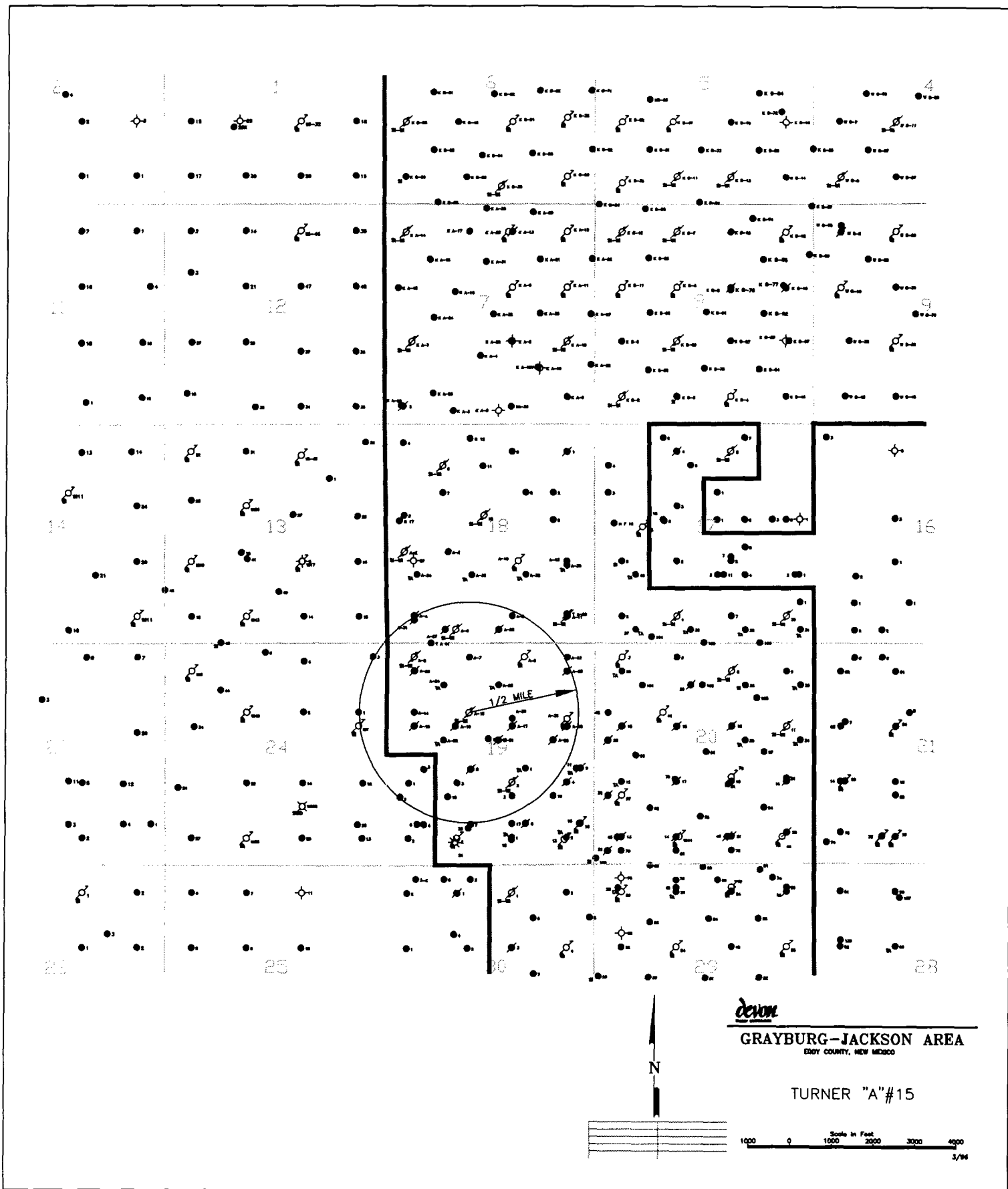
GRAYBURG-JACKSON AREA
EDDY COUNTY, NEW MEXICO

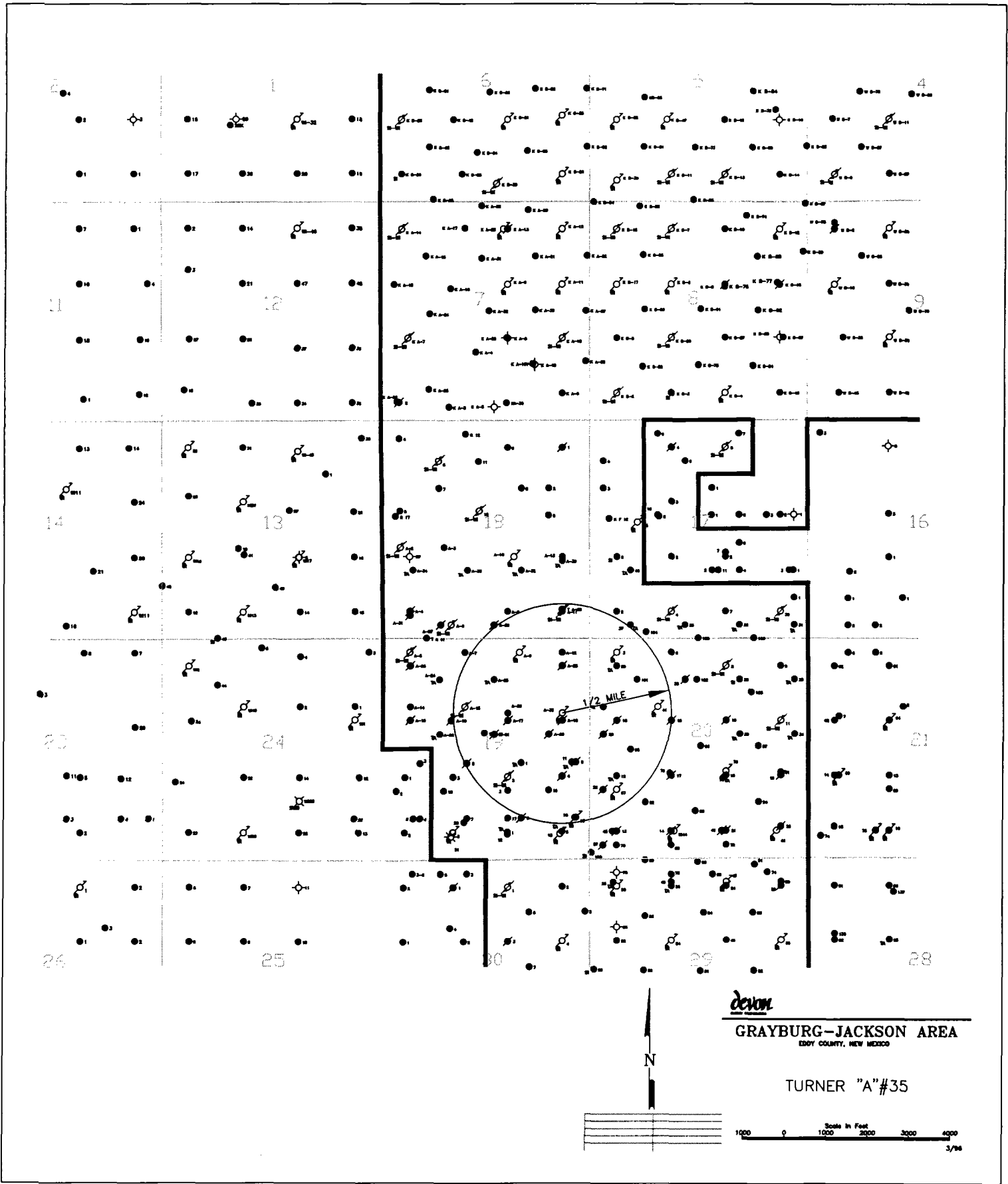
TURNER "A" #11







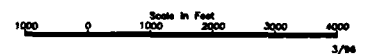
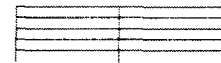


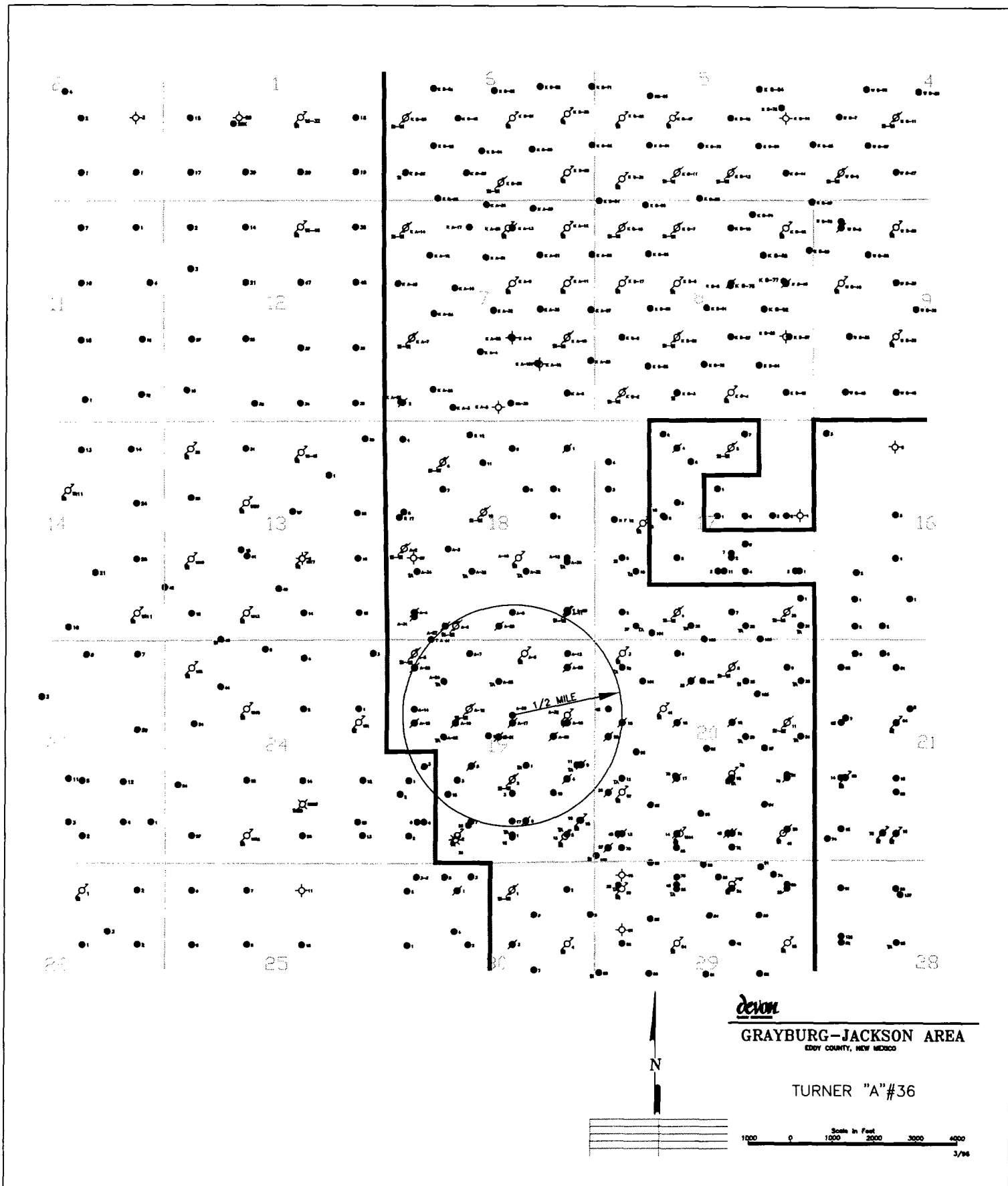


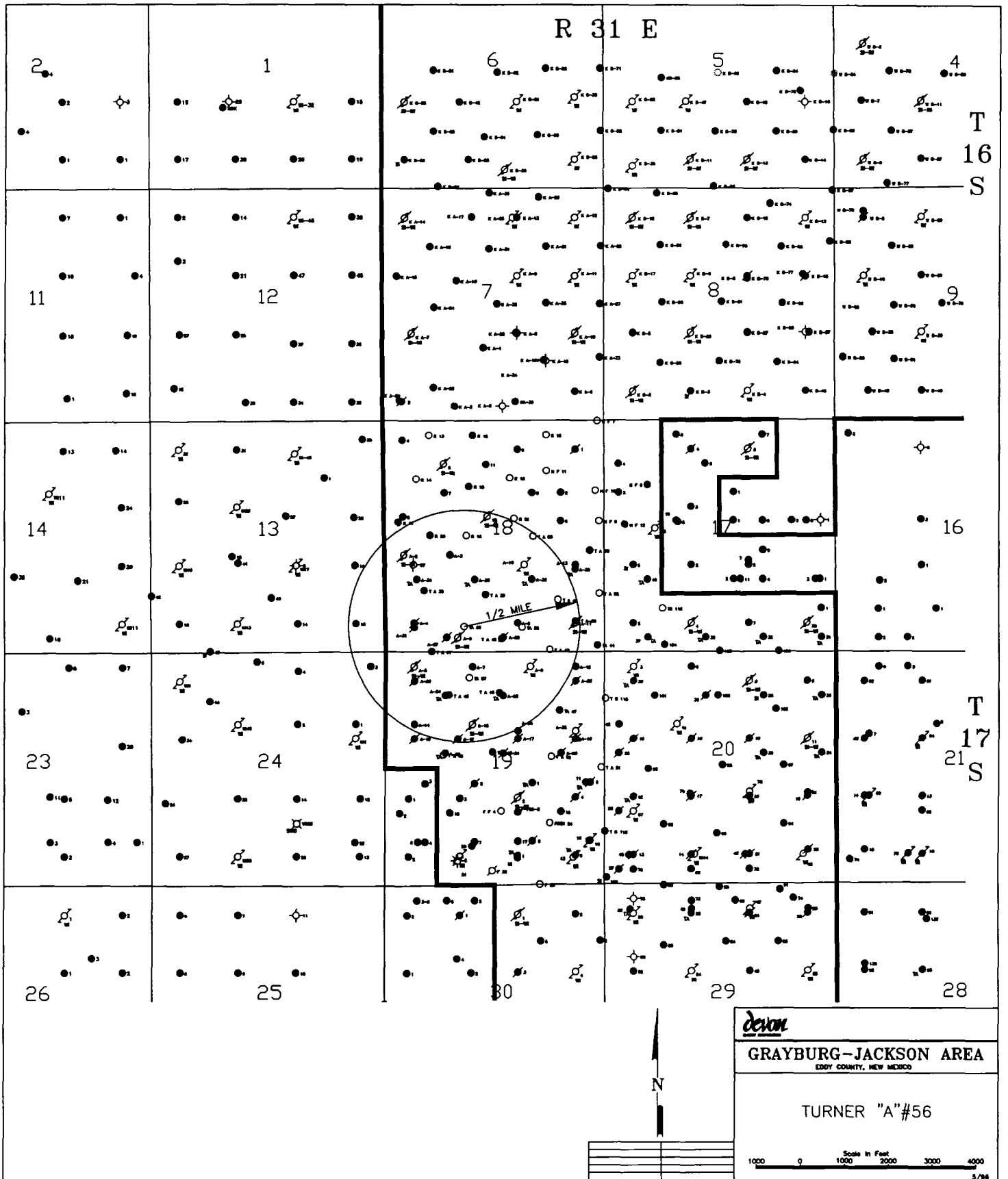
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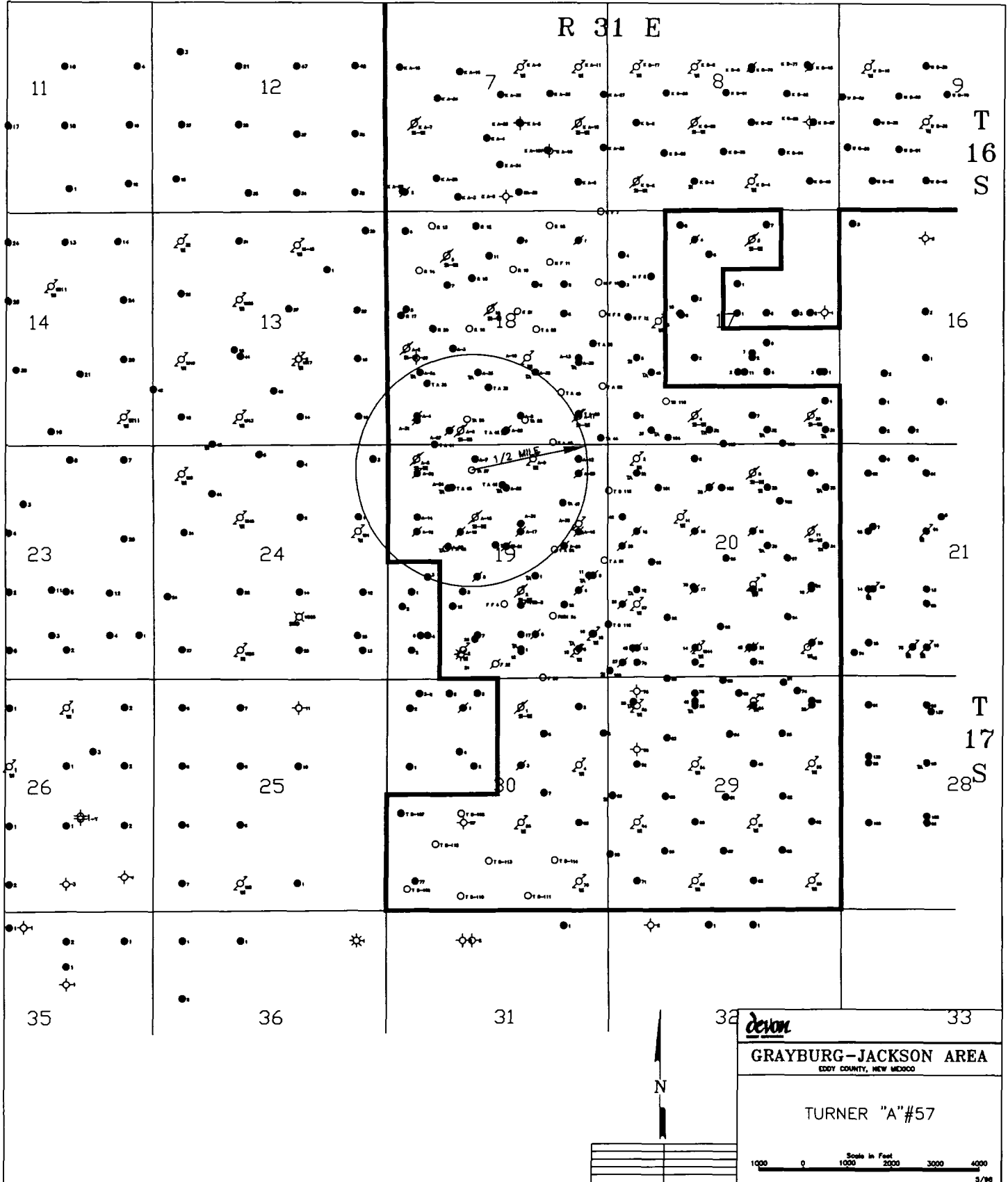
GRAYBURG-JACKSON AREA
EDDY COUNTY, NEW MEXICO

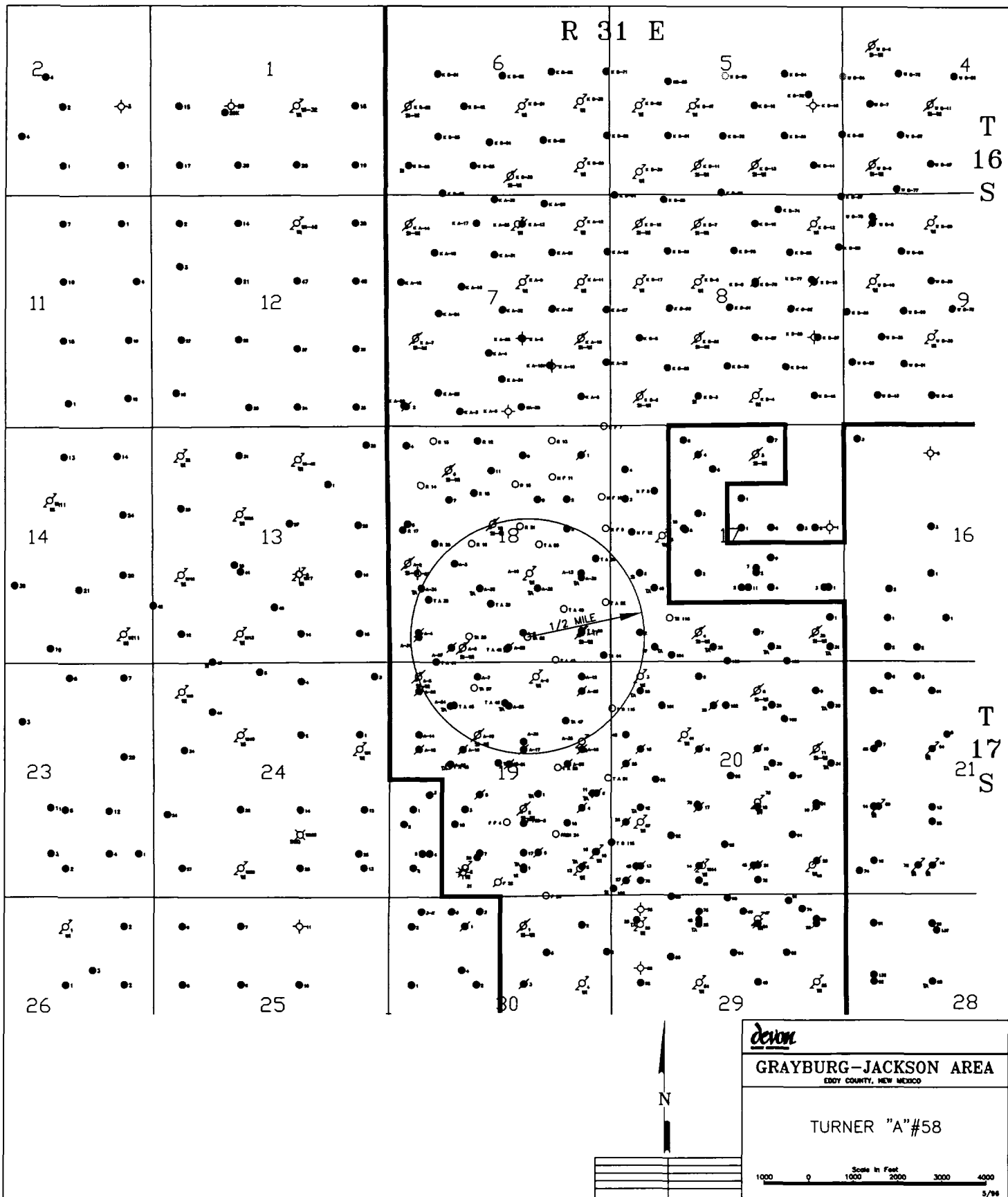
TURNER "A" #35











V1 Wells Within "Area Of Review"

<u>WELL NAME</u>	<u>LOCATION</u>	<u>SPUD DATE</u>	<u>COMP DATE</u>	<u>WELL TYPE</u>	<u>DEPTH/PBTD</u>	<u>COMPLETION RECORD</u>
FREN OIL #1	660FSL & 1980FEL SEC 19-T17S-R31E EDDY COUNTY, NM	6/25/43	8/21/43	OIL PRODUCER	2030'/2030'	7" @ 507' W/50 SXS 5 1/2" @ 1850' W/100 SXS OPEN HOLE COMPLETION: 1850' - 2030' IP=44 BOPD TEMPORARILY ABANDONED
			8/20/71			
			4/15/44	OIL PRODUCER	2002'/2002'	8 5/8" @ 482' W/50 SXS 7" @ 1802' W/100 SXS OPEN HOLE COMPLETION: 1802' - 2002' IP=145 BOPD DEEPEN OPEN HOLE TO 3134' 5 1/2" @ 3074' W/80 SXS RETURN TO PRODUCTION PLUG BACK OPEN HOLE TO 3100' PERFORATE: 2950' - 3044' (OA) RETURN TO PRODUCTION
FREN OIL #3	1980FSL & 1980FWL SEC 19-T17S-R31E EDDY COUNTY, NM	3/12/44	7/1/55		3134'/3134'	
			8/9/72		3134'/3100'	
FREN OIL #4	1980FSL & 660FEL SEC 19-T17S-R31E EDDY COUNTY, NM	12/8/43	1/21/44	OIL PRODUCER	2052'/2052'	8 5/8" @ 480' W/60 SXS 7" @ 1845' W/100 SXS OPEN HOLE COMPLETION: 1845' - 2052' IP=160 BOPD DEEPEN OPEN HOLE TO 3185' 5 1/2" @ 3178' W/85 SXS PERFORATE: 3020' - 3152' (OA) RETURN TO PRODUCTION SET BRIDGE PLUG @ 3170' PERFORATE: 2722' - 3152' (OA) RETURN TO PRODUCTION PLUGGED & ABANDONED
			12/18/58		3185'/3178'	
			5/14/64		3185'/3170'	
			7/8/77			

219445
2/15/20

VI Wells Within "Area Of Review"

<u>WELL NAME</u>	<u>LOCATION</u>	<u>SPUD DATE</u>	<u>COMP DATE</u>	<u>WELL TYPE</u>	<u>DEPTH/PBTD</u>	<u>COMPLETION RECORD</u>
FREN OIL #6	990FSL & 1650FEL SEC 19-T17S-R31E EDDY COUNTY, NM	8/10/46	9/9/46	OIL PRODUCER	2017/2017	8 5/8" @ 500' W/75 SXS 7" @ 1818' W/150 SXS OPEN HOLE COMPLETION: 1818 - 2020' IP=106 BOPD
			2/20/64		3643/3643'	DEEPEN OPEN HOLE TO 3643' 4 1/2" LINER @ 1767' - 3643' W/295 SXS PERFORATE: 2911' - 3546' (OA) RETURN TO PRODUCTION PLUGGED & ABANDONED
			10/13/75			
			11/19/46	OIL PRODUCER	2023/2023	8 5/8" @ 452' W/75 SXS 7" @ 1809' W/130 SXS OPEN HOLE COMPLETION: 1809 - 2023' IP=83 BOPD
FREN OIL #7	990FSL & 2970FEL SEC 19-T17S-R31E EDDY COUNTY, NM	10/19/46	12/12/63		3312/3100'	DEEPEN OPEN HOLE TO 3312'. PLUGGED BACK TO 3100'. 4 1/2" @ 3094' W/150 SXS. TOC @ 2486'(CBL) PERFORATE: 2844' - 3071' (OA) RETURN TO PRODUCTION CEMENT 4 1/2" - 7" ANNULUS FROM 2486' TO SURFACE.
			5/30/80			
			12/28/46	OIL PRODUCER	2021/2021'	8 5/8" @ 505' W/75 SXS 7" @ 1792' W/130 SXS OPEN HOLE COMPLETION: 1792 - 2021' IP=60 BOPD
FREN OIL #8	2310FSL & 2310FWL SEC 19-T17S-R31E EDDY COUNTY, NM	11/27/46	4/30/64		3615/3578'	DEEPEN OPEN HOLE TO 3615' 4 1/2" @ 3578' W/465 SXS PERFORATE: 2755' - 3562' (OA) RETURN TO PRODUCTION PLUGGED & ABANDONED
			3/24/76			

VI Wells Within "Area Of Review"

<u>WELL NAME</u>	<u>LOCATION</u>	<u>SPUD DATE</u>	<u>COMP DATE</u>	<u>WELL TYPE</u>	<u>DEPTH/PBTD</u>	<u>COMPLETION RECORD</u>
FREN OIL #9	2310FSL & 330FEL SEC 19-T17S-R31E EDDY COUNTY, NM	2/6/47	4/28/47	OIL PRODUCER	3445'/3121'	8 5/8" @ 506' W/50 SXS 7" @ 2595' W/150 SXS OPEN HOLE COMPLETION: 2595 - 3121'
			11/25/55			IP=41 BOPD 5 1/2" @ 2950' W/125 SXS RETURN TO PRODUCTION
			11/17/76			PLUGGED & ABANDONED
FREN OIL #10	990FSL & 330FEL SEC 19-T17S-R31E EDDY COUNTY, NM	1/5/47	1/31/47	OIL PRODUCER	2034'/2034'	8 5/8" @ 494' W/75 SXS 7" @ 1780' W/130 SXS OPEN HOLE COMPLETION: 1780 - 2034'
			1/7/64			IP=85 BOPD DEEPEN OPEN HOLE TO 3308'
			6/9/82			4 1/2" LINER @ 1715 - 3308' W/225 SXS PERFORATE: 2925 - 3248' (OA) RETURN TO PRODUCTION PERFORATE: 3116 - 3171' (OA) RETURN TO PRODUCTION
FREN OIL #11	2310FSL & 430FEL SEC 19-T17S-R31E EDDY COUNTY, NM	2/6/47	6/4/47	OIL PRODUCTION	2042'/2042'	8 5/8" @ 438' W/50 SXS 7" @ 1809' W/130 SXS OPEN HOLE COMPLETION: 1809 - 2042'
FREN OIL #16	990FSL & 355FEL SEC 19-T17S-R31E EDDY COUNTY, NM	8/24/61	9/16/61	OIL PRODUCER	7067'/UNK	IP=42 BOPD
			1/14/71			8 5/8" @ 1503' W/550 SXS. CEMENT TO SURFACE.
			6/3/80			5 1/2" @ 7067' W/1050 SXS. CEMENT TO SURFACE. PERFORATE: 6972 - 6998' (OA) IP=80 BOPD CIBP @ 6918'. WELL TEMPORARILY ABANDONED. SPOT CEMENT PLUG: 6750 - 6916 & 1350 - 1450'

VI Wells Within "Area Of Review"

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FREN OIL #18	1650'FSL & 1750'FWL SEC 19-T17S-R31E EDDY COUNTY, NM	1/2/62	5/11/62	OIL PRODUCER	7150'/7120'	8 5/8" @ 1394' W/650 SXS. CEMENT TO SURFACE. 4 1/2" @ 7120' W/1200 SXS. TOC @ 1435'(CBL) PERFORATE: 7011'- 7022' (OA) IP=192 BOPD
			10/27/78		7150'/3200'	SQUEEZE PERFORATIONS W/200 SXS. SET CIBP @ 3257', CAP WITH CEMENT TO 3200'. PERFORATE 1400'- 1402', SQUEEZE WITH 550 SXS. CEMENT TO SURFACE. PERFORATE: 2975'- 3104' (OA) RETURN TO PRODUCTION
FREN OIL #19	1650'FSL & 990'FEL SEC 19-T17S-R31E EDDY COUNTY, NM	3/11/62	4/2/62	OIL PRODUCER	7100'/7096'	8 5/8" @ 1391' W/675 SXS 4 1/2" @ 7100' W/1935 SXS. TOC @ 2354'(CBL) PERFORATE: 7026'- 7095' (OA) IP=182 BOPD
			4/22/80			PERFORATE 4 1/2" CASING @ 2320',1800', & 1415'. SQZ PERFS W/700 SXS. RETURN TO PRODUCTION
FRIESS FEDERAL #1	2310'FSL & 1650'FEL SEC 19-T17S-R31E EDDY COUNTY, NM	9/15/41	4/15/42	OIL PRODUCER	3520'/2870'	8 1/4" @ 465' W/50 SXS. 7" @ 2719' W/100 SXS. OPEN HOLE COMPLETION: 2719'- 2870' IP=35 BOPD
			2/16/67		3520'/3470'	CLEAN OUT FROM PBTD TO 3470' RETURN TO PRODUCTION
			8/13/69		3520'/2431'	7" CASING COLLAPSED @ 2442' SET CIBP @ 2431'
						PERFORATE: 1901'- 1974' (OA) RETURN TO PRODUCTION
			11/27/72			TEMPORARILY ABANDONED

VI Wells Within "Area Of Review"

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FRIESS FEDERAL #2	1980'FSL & 1980'FEL SEC 19-T17S-R31E EDDY COUNTY, NM	7/18/44	9/1/44	OIL PRODUCER	1970'/1970'	8 1/4" @ 470' W/50 SXS. 7" @ 1804' W/100 SXS. OPEN HOLE COMPLETION: 1804'- 1970' IP=85 BOPD
			6/23/55		3110'/3110'	DEEPEN OPEN HOLE TO 3110'
			1/27/67		3255'/3255'	5 1/2" @ 2981' W/45 SXS. TOC @ 2300'. OPEN HOLE COMPLETION: 2981'- 3110' RETURN TO PRODUCTION
			7/5/72	WATER INJECTOR	3255'/3122'	DEEPEN OPEN HOLE TO 3255' RETURN TO PRODUCTION
						PLUG BACK OPEN HOLE TO 3122' CONVERT TO WATER INJECTION WELL.
FRIESS FEDERAL #3	1650'FSL & 1980'FEL SEC 19-T17S-R31E EDDY COUNTY, NM	5/23/62	7/13/62	OIL PRODUCER	7095'/7040'	8 5/8" @ 1405' W/200 SXS. 5 1/2" @ 7085' W/850 SXS. TOC @ 1454'. PERFORATE: 7060'- 7070' IP=984 BOPD
			5/17/63			PERFORATE: 6955'- 7046' (OA)
			4/5/65			RETURN TO PRODUCTION
			7/8/69		7095'/7095'	SQUEEZE OFF ALL EXISTING PERFORATIONS WITH 150 SXS. PERFORATE: 6955'- 7005' (OA) RETURN TO PRODUCTION
			6/23/70		7095'/3269'	DRILLED OUT CEMENT FROM PBTD TO 7095'. PERFORATE: 6959'- 7095' (OA), 5 1/2" CASING RUPTURED @ 3541'. SET CIBP @ 3269', CAP WITH CEMENT. PERFORATE: 2814'- 3176' (OA) RETURN TO PRODUCTION
HUDSON FEDERAL #1	660'FNL & 660'FEL SEC 18-T17S-R31E EDDY COUNTY, NM	1/24/39	5/20/39	OIL PRODUCER	3533'/3533'	8 5/8" @ 570' W/50 SXS. 7" @ 2795' W/100 SXS. OPEN HOLE COMPLETION: 2795'- 3533' IP=40 BOPD
				WATER INJECTOR		CONVERTED TO WATER INJECTION WELL
			8/10/67	OIL PRODUCER		RETURNED TO OIL PRODUCER
			1/18/71			
			12/17/80			PLUGGED & ABANDONED

VI Wells Within "Area Of Review"

<u>WELL NAME</u>	<u>LOCATION</u>	<u>SPUD DATE</u>	<u>COMP DATE</u>	<u>WELL TYPE</u>	<u>DEPTH/PBTD</u>	<u>COMPLETION RECORD</u>
HUDSON FEDERAL #2	1650FNL & 990FEL SEC 18-T17S-R31E EDDY COUNTY, NM	8/22/39	10/27/39	OIL PRODUCER	3501'/3501'	9" @ 635' W/50 SXS. 7" @ 2770' W/100 SXS. OPEN HOLE COMPLETION: 2770' - 3501' IP=100 BOPD
HUDSON FEDERAL #3	1650FNL & 330FWL SEC 17-T17S-R31E EDDY COUNTY, NM	4/4/41	6/14/41	OIL PRODUCER	3497'/3497'	8 1/4" @ 636' W/50 SXS. 7" @ 2780' W/100 SXS. OPEN HOLE COMPLETION: 2780' - 3497' IP=100 BOPD
HUDSON FEDERAL #4	990FNL & 330FWL SEC 17-T17S-R31E EDDY COUNTY, NM	11/8/41	1/21/42	OIL PRODUCER	3500'/3500'	8 1/4" @ 636' W/120 SXS. 7" @ 2803' W/100 SXS. OPEN HOLE COMPLETION: 2803' - 3500' IP=52 BOPD PLUGGED & ABANDONED
HUDSON FEDERAL #5	2480FNL & 1160FWL SEC 17-T17S-R31E EDDY COUNTY, NM	7/26/67	8/10/67	WATER INJECTOR	3510'/3496'	8 5/8" @ 500' W/200 SXS. CEMENT TO SURFACE. 4 1/2" @ 3510' W/225 SXS. PERFORATE: 3402' - 3490' (OA) COMPLETED AS WATER INJECTION WELL PERFORATE: 3168' - 3287' (OA) IP=110 BOPD
HUDSON FEDERAL #6	2310FNL & 990FEL SEC 18-T17S-R31E EDDY COUNTY, NM	11/23/88	12/12/88	OIL PRODUCER	3505'/3505'	8 5/8" @ 373' W/275 SXS. CEMENT TO SURFACE. 5 1/2" @ 3505' W/1700 SXS. CEMENT TO SURFACE. PERFORATE: 2782' - 3469' (OA) IP=187 BOPD
J.L. KEEL "A" #3	330FSL & 1650FWL SEC 7-T17S-R31E EDDY COUNTY, NM	4/20/38	7/1/38	OIL PRODUCER	3575'/3575'	8 5/8" @ 558' W/50 SXS. 7" @ 3100' W/100 SXS. OPEN HOLE COMPLETION: 3150' - 3575' IP=185 BOPD PERFORATE: 2801' - 3067' (OA) RETURN TO PRODUCTION

VI Wells Within "Area Of Review"

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J.L. KEEL "A" #4	1650FSL & 2310FWL SEC 7-T17S-R31E EDDY COUNTY, NM	3/4/39	5/1/39	OIL PRODUCER	3638/3586'	8 5/8" @ 556' W/755 SXS. 7" @ 3141' W/1100 SXS. PERFORATE: 2891'- 3122' (OA) OPEN HOLE COMPLETION: 3141'- 3586' IP=60 BOPD
J.L. KEEL "A" #5	330FSL & 2310' FEL SEC 7-T17S-R31E EDDY COUNTY, NM	5/1/41	7/23/41	OIL PRODUCER	3547/3547'	8 5/8" @ 508' W/50 SXS. 5 1/2" @ 3131' W/100 SXS. OPEN HOLE COMPLETION: 3131'- 3547' IP=44 BOPD PLUGGED & ABANDONED DRILL OUT PLUGS AND CLEAN OUT TO TD. 2 7/8" @ 3547' W/698 SXS. CEMENT TO SURFACE. PERFORATE: 3186'- 3526' (OA) RECOMPLETED AS WATER INJECTOR WELL. PLUGGED & ABANDONED
J.L. KEEL "A" #6	660FSL & 660FEL SEC 7-T17S-R31E EDDY COUNTY, NM	3/21/44	6/15/44	OIL PRODUCER	3485/3485'	8 5/8" @ 514' W/75 SXS. 7" 3141' W/100 SXS. OPEN HOLE COMPLETION: 3141'- 3485' IP=30 BOPD PERFORATE: 3063'- 3076' RETURN TO PRODUCTION PERFORATE: 2843'- 3049' (OA) RETURN TO PRODUCTION
J.L. KEEL "A" #8	1980FSL & 1980FEL SEC 7-T17S-R31E EDDY COUNTY, NM	2/28/50	6/4/50	OIL PRODUCER	3528/3482'	10 3/4" @ 535' W/110 SXS. 7" @ 2760' W/125 SXS. OPEN HOLE COMPLETION: 2760'- 3482' IP=25 BOPD DEEPEN OPEN HOLE TO 5100'. TEMPORARILY ABANDONED. PLUGGED & ABANDONED

VI Wells Within "Area Of Review"

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J.L. KEEL "A" #10	1980FSL & 660FEL SEC 7-T17S-R31E EDDY COUNTY, NM	8/3/50	10/23/50	OIL PRODUCER	3496'/3362'	10 3/4" @ 537' W/350 SXS 7" @ 2809' W/200 SXS OPEN HOLE COMPLETION: 2809' - 3362' IP=41 BOPD DEEPEMED OPEN HOLE TO 3580' 4 1/2" @ 3580' W/325 SXS. TOC @ 1850'. PERFORATE: 2908' - 3571' (OA) CONVERT TO WATER INJECTION WELL
J.L. KEEL "A" #11	1980FNL & 660FEL SEC 7-T17S-R31E EDDY COUNTY, NM	5/19/53	7/22/53	OIL PRODUCER	3482'/3482'	8 5/8" @ 535' W/100 SXS 7" @ 2826' W/200 SXS OPEN HOLE COMPLETION: 2826' - 3482' IP=30 BOPD DEEPEMED OPEN HOLE TO 3604' DEEPEMED OPEN HOLE TO 3710' 4 1/2" @ 3709' W/475 SXS. CEMENT TO SURFACE. PERFORATE: 2866' - 3598' (OA) CONVERT TO WATER INJECTION WELL
J.L. KEEL "A" #19	1350FSL & 1320FEL SEC 7-T17S-R31E EDDY COUNTY, NM	8/16/94	11/24/94	D & A	1375'/1375'	8 5/8" @ 519' W/305 SXS. CEMENT TO SURFACE. 4 1/2" @ 1047' W/1150 SXS. TOC @ 75'. PERFORATE: 660' - 970' (OA) OPEN HOLE: 1047' - 1375' NO SHOW - TEMPORARILY ABANDONED PLUGGED & ABANDONED
J.L. KEEL "A" #19Y	1368FSL & 1367FEL SEC 7-T17S-R31E EDDY COUNTY, NM	9/26/95	11/2/95	OIL PRODUCER	4010'/3967'	13 3/8" @ 439' W/575 SXS. CEMENT TO SURFACE. 8 5/8" @ 1519' W/1200 SXS. CEMENT TO SURFACE. 5 1/2" @ 4009' W/750 SXS. CEMENT TO SURFACE. PERFORATE: 2814' - 3591' (OA) IP=195 BOPD
J.L. KEEL "A" #24	2560FSL & 1200FWL SEC 7-T17S-R31E EDDY COUNTY, NM	4/9/95	5/23/95	OIL PRODUCER	3975'/3932'	8 5/8" @ 440' W/875 SXS. CEMENT TO SURFACE. 5 1/2" @ 3974' W/1100 SXS. CEMENT TO SURFACE. PERFORATE: 2772' - 3638' (OA) IP=96 BOPD

VI Wells Within "Area Of Review"

WELL NAME	LOCATION	SPUD DATE	COMP DATE	WELL TYPE	DEPTH/PBTD	COMPLETION RECORD
J.L. KEEL "A" #25	754FSL & 1165FWL SEC 7-T17S-R31E EDDY COUNTY, NM	9/18/95	10/15/95	OIL PRODUCER	3965'/3919'	8 5/8" @ 426' W/500 SXS. CEMENT TO SURFACE. 5 1/2" @ 3964' W/1260 SXS. CEMENT TO SURFACE. PERFORATE: 2773'- 3637' (OA) IP=217 BOPD
J.L. KEEL "A" #27	2630FSL & 85FEL SEC 7-T17S-R31E EDDY COUNTY, NM	3/26/95	5/14/95	OIL PRODUCER	4045'/3996'	8 5/8" @ 440' W/325 SXS. CEMENT TO SURFACE. 5 1/2" @ 4044' W/1325 SXS. CEMENT TO SURFACE. PERFORATE: 2875'- 3734' (OA) IP=84 BOPD
J.L. KEEL "A" #28	1989FSL & 2001FEL SEC 7-T17S-R31E EDDY COUNTY, NM	9/9/95	10/3/95	OIL PRODUCER	3765'/3720'	13 3/8" @ 443' W/200 SXS. CEMENT TO SURFACE. 5 1/2" @ 3764' W/320 SXS. CEMENT TO SURFACE. PERFORATE: 2848'- 3550' (OA) IP=25 BOPD
J.L. KEEL "A" #29	459FSL & 389FWL SEC 7-T17S-R31E EDDY COUNTY, NM	8/8/95	9/4/95	OIL PRODUCER	3745'/3696'	13 3/8" @ 409' W/1470 SXS. TOC @ 102'. 5 1/2" @ 3745' W/2210 SXS. TOC @ 1080'(CBL). PERFORATE: 2788'- 3565' (OA) IP=33 BOPD
J.L. KEEL "A" #30	430FSL & 2013FEL SEC 7-T17S-R31E EDDY COUNTY, NM	8/21/95	9/17/95	OIL PRODUCER	3765'/3719'	13 3/8" @ 465' W/700 SXS. CEMENT TO SURFACE. 8 5/8" @ 1517' W/1200 SXS. CEMENT TO SURFACE. 5 1/2" @ 3764' W/875 SXS. CEMENT TO SURFACE. PERFORATE: 2754'- 3619' (OA) IP=63 BOPD
J.L. KEEL "A" #32	2632FSL & 2624FWL SEC 7-T17S-R31E EDDY COUNTY, NM	4/18/95	5/22/95	OIL PRODUCER	3985'/3931'	8 5/8" @ 441' W/750 SXS. CEMENT TO SURFACE. 5 1/2" @ 3984' W/1635 SXS. CEMENT TO SURFACE. PERFORATE: 2828'- 3631' (OA) IP=125 BOPD
J.L. KEEL "A" #33	2593FNL & 1310FEL SEC 7-T17S-R31E EDDY COUNTY, NM	4/2/95	5/24/95	OIL PRODUCER	4010'/3963'	8 5/8" @ 434' W/325 SXS. CEMENT TO SURFACE. 5 1/2" @ 4009' W/925 SXS. CEMENT TO SURFACE. PERFORATE: 2845'- 3749' (OA) IP=162 BOPD

VI Wells Within "Area Of Review"

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J.L. KEEL "A" #34	1989FSL & 2001FEL SEC 7-T17S-R31E EDDY COUNTY, NM	9/9/95	10/3/95	OIL PRODUCER	3765'/3720'	13 3/8" @ 443' W/700 SXS. CEMENT TO SURFACE. 5 1/2" @ 3764' W/1760 SXS. CEMENT TO SURFACE. PERFORATE: 2848'- 3550' (OA) IP=25 BOPD
J.L. KEEL "B" #2	660FSL & 660FWL SEC 8-T17S-R31E EDDY COUNTY, NM	7/15/44	10/13/44	OIL PRODUCER	3482'/3482'	8 5/8" @ 524' W/75 SXS. 7" @ 2850' W/100 SXS. OPEN HOLE COMPLETION: 2850' - 3485' IP=40 BOPD DEEPEMED OPEN HOLE TO 3620' 4 1/2" LINER @ 2752' - 3618' W/140 SXS PERFORATE: 2914'- 3555' (OA) CONVERT TO WATER INJECTION WELL
J.L. KEEL "B" #3	660FSL & 1980FWL SEC 8-T17S-R31E EDDY COUNTY, NM	10/30/44	1/12/45	OIL PRODUCER	3490'/3490'	8 5/8" @ 518' W/50 SXS. 7" @ 2930' W/100 SXS. OPEN HOLE COMPLETION: 2930' - 3490' IP=24 BOPD DEEPEMED OPEN HOLE TO 3630' RETURN TO PRODUCTION
J.L. KEEL "B" #5	1980FSL & 660FWL SEC 8-T17S-R31E EDDY COUNTY, NM	12/28/50	3/5/51	OIL PRODUCER	3200'/3169'	8 5/8" @ 557' W/100 SXS. 7" @ 2802' W/206 SXS. OPEN HOLE COMPLETION: 2802' - 3200' IP=50 BOPD DEEPEMED OPEN HOLE TO 3650' RETURN TO PRODUCTION PLUG BACK OPEN HOLE TO 3504' W/PEA GRAVEL & CEMENT. RETURN TO PRODUCTION
J.L. KEEL "B" #9	1980FNL & 660FEL SEC 5-T17S-R31E EDDY COUNTY, NM	7/19/51	8/29/51	OIL PRODUCER	3500'/3500'	10 3/4" @ 659' W/100 SXS. 7" @ 3082' W/200 SXS. OPEN HOLE COMPLETION: 3082' - 3500' IP=42 BOPD

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J.L. KEEL "B" #58	1300'FSL & 1290'FWL SEC 8-T17S-R31E EDDY COUNTY, NM	1/10/95	3/12/95	OIL PRODUCER	4020'/3973'	8 5/8" @ 463' W/500 SXS. CEMENT TO SURFACE. 5 1/2" @ 4020' W/1075 SXS. CEMENT TO SURFACE. PERFORATE: 2963'- 3741' (OA) IP=31 BOPD
C.A. RUSSELL #4	440'FNL & 440'FWL SEC 18-T17S-R31E EDDY COUNTY, NM	5/25/29	8/21/29	OIL PRODUCER	3537'/3537'	12 1/2" @ 530' W/25 SX 10" @ 1399' W/30 SXS. 8 1/4" @ 2943' W/50 SXS. OPEN HOLE COMPLETION: 2943'- 3537' IP=185 BOPD
C.A. RUSSELL #5	2200'FNL & 440'FWL SEC 18-T17S-R31E EDDY COUNTY, NM	3/14/30	6/20/30	OIL PRODUCER	3545'/3545'	12 1/2" @ 534' W/25 SXS. 10" @ 1387' W/105 SXS. 6 5/8" @ 3214' (LANDED, NOT CEMENTED) OPEN HOLE COMPLETION: 3214'- 3545' IP=50 BOPD SQUEEZE CASING LEAKS 1500'- 2560' WITH 2950 SXS. SET CEMENT RETAINER @ 2500', PUMP 400 SXS BELOW & CAP W/50' CMT. PERFORATE: 1820'- 1979' (OA) RETURN TO PRODUCTION
C.A. RUSSELL #6	990'FNL & 1384'FWL SEC 18-T17S-R31E EDDY COUNTY, NM	8/8/36	11/26/36	OIL PRODUCER	3536'/3536'	10 3/4" @ 534' W/50 SXS. 7" @ 3209' W/100 SXS. OPEN HOLE COMPLETION: 3209'- 3536' IP=120 BOPD CONVERT TO WATER INJECTION WELL
C.A. RUSSELL #7	1650'FNL & 1384'FWL SEC 18-T17S-R31E EDDY COUNTY, NM	1/23/37	4/16/37	OIL PRODUCER	3535'/3535'	8 5/8" @ 536' W/50 SXS. 7" @ 3176' W/100 SXS. OPEN HOLE COMPLETION: 3176'- 3535' IP=62 BOPD

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C.A. RUSSELL #8	1650FNL & 1650FWL SEC 18-T17S-R31E EDDY COUNTY, NM	2/23/40	4/26/40	OIL PRODUCER	3497'/3497'	10 3/4" @ 600' W/50 SXS. 7" @ 2880' W/100 SXS. OPEN HOLE COMPLETION: 2880' - 3497' IP=250 BOPD TEMPORARILY ABANDONED
C.A. RUSSELL #9	660FNL & 1980FEL SEC 18-T17S-R31E EDDY COUNTY, NM	5/4/40	7/11/40	OIL PRODUCER	3495'/3495'	8 5/8" @ 598' W/50 SXS. 7" @ 2850' W/100 SXS. OPEN HOLE COMPLETION: 2850' - 3495' IP=51 BOPD 4 1/2" @ 3484' W/250 SXS. TOC @ 1620' (TEMP SURVEY) PERFORATE: 3410' - 3465' (OA) RETURN TO PRODUCTION PERFORATE: 2941' - 3110' (OA) RETURN TO PRODUCTION
C.A. RUSSELL #10	2200FNL & 2665FEL SEC 18-T17S-R31E EDDY COUNTY, NM	12/11/49	2/5/50	OIL PRODUCER	3510'/3510'	8 5/8" @ 612' W/50 SXS. 7" @ 3280' W/100 SXS. OPEN HOLE COMPLETION: 3280' - 3510' IP=77 BOPD PERFORATE: 2896' - 2948' (OA) CONVERT TO WATER INJECTION WELL
C.A. RUSSELL #11	1000FNL & 2350FWL SEC 18-T17S-R31E EDDY COUNTY, NM	9/17/4	1/18/75	OIL PRODUCER	3555'/3518'	9 5/8" @ 513' W/250 SXS. 7" @ 3553' W/850 SXS. TOC @ 2530' (CBL) PERFORATE: 3487' - 3527' (OA) SQUEEZE PERFORATIONS OFF WITH 150 SXS. PERFORATE: 3402' - 3511' (OA) IP=20 BOPD

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TURNER "A" #2	2220FSL & 440FWL SEC 18-T17S-R31E EDDY COUNTY, NM	9/14/29	2/5/30	OIL PRODUCER	3497'/3497'	12 1/2" @ 335' W/25 SXS. 10" @ 1384' W/25 SXS. 6 5/8" @ 3174' (LANDED) OPEN HOLE COMPLETION: 3174'- 3497' IP=100 BOPD
			2/21/68	WATER INJECTOR		PERFORATE @ 3135' AND SQUEEZE WITH 200 SXS PERFORATE @ 1929' AND SQUEEZE WITH 200 SXS. TOC @ 1420' CONVERT TO WATER INJECTION WELL
			12/6/69		3521'/3503'	4 1/2" @ 3521' W/150 SXS. PERFORATE: 3184'- 3186'. SQUEEZE WITH 50 SXS PERFORATE: 3378'- 3498' (OA) RETURN TO INJECTION
TURNER "A" #3	2220FSL & 1760FWL SEC 18-T17S-R31E EDDY COUNTY, NM	9/25/37	12/21/37	OIL PRODUCER	3509'/3509'	8 5/8" @ 558' W/50 SXS. 7" @ 3045' W/100 SXS. TOC @ 1370'(CBL) OPEN HOLE COMPLETION: 3045'- 3509' IP=50 BOPD
TURNER "A" #4	660FSL & 660FWL SEC 18-T17S-R31E EDDY COUNTY, NM	3/7/38	5/22/38	OIL PRODUCER	3522'/3522'	8 5/8" @ 580' W/50 SXS. 5 1/2" @ 3399' W/100 SXS. OPEN HOLE COMPLETION: 3399'- 3522' IP=68 BOPD
			4/16/54			PERFORATE: 3132'- 3142' (OA) RETURN TO PRODUCTION
			10/21/80			PLUGGED & ABANDONED

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TURNER "A" #5	330FNL & 660FWL SEC 19-T17S-R31E EDDY COUNTY, NM	7/20/39	9/28/39	OIL PRODUCER	3518'/3518'	8 5/8" @ 550' W/50 SXS. 7" @ 3014' W/100 SXS. OPEN HOLE COMPLETION: 3014'- 3518' IP=257 BOPD PLUG BACK OPEN HOLE TO 3499' PERFORATE: 2804'- 2818' (OA) RETURN TO PRODUCTION
			4/7/44 5/24/54	WATER INJECTOR	3518'/3499'	SQUEEZE OFF PERFORATIONS 2804'- 2818' WITH 100 SXS. CONVERT TO WATER INJECTION WELL 4 1/2" @ 3498' W/200 SXS. TOC @ 1020'(TEMP SURVEY) PERFORATE: 3364'- 3489' (OA) RETURN TO WATER INJECTION
			12/20/67 12/16/69			
TURNER "A" #6	660FSL & 1980FWL SEC 18-T17S-R31E EDDY COUNTY, NM	4/27/40	7/1/40	OIL PRODUCER	3494'/3494'	8 5/8" @ 571' W/50 SXS. 7" @ 2945' W/100 SXS. OPEN HOLE COMPLETION: 2945'- 3494' IP=105 BOPD CONVERT TO WATER INJECTION WELL 4 1/2" LINER @ 2891'- 3494' W/100 SXS. PERFORATE: 3414'- 3483' (OA) RETURN TO INJECTION PLUGGED & ABANDONED
			12/1/67 12/3/74	WATER INJECTOR	3494'/3489'	
			5/13/96			
TURNER "A" #7	330FNL & 1980FWL SEC 19-T17S-R31E EDDY COUNTY, NM	5/24/40	8/4/40	OIL PRODUCER	3442'/3442'	8 5/8" @ 565' W/50 SXS. 7" @ 2957' W/100 SXS. OPEN HOLE COMPLETION: 2957'- 3442' IP=264 BOPD PLUGGED & ABANDONED
			2/2/95	OIL PRODUCER	3448'/3448'	
			1/13/41			
TURNER "A" #8	660FSL & 1980FEL SEC 18-T17S-R31E EDDY COUNTY, NM	7/23/40	1/11/67	OIL PRODUCER	3598'/3462'	8" @ 550' W/50 SXS. 7" @ 2918' W/100 SXS. OPEN HOLE COMPLETION: 2918'- 3448' IP=480 BOPD DEEPEENED OPEN HOLE TO 3598'. PLUG BACK TO 3462'. RETURN TO PRODUCTION PLUGGED & ABANDONED
			5/9/94			

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TURNER "A" #9	330'FNL & 1980'FEL SEC 19-T17S-R31E EDDY COUNTY, NM	8/8/40	1/17/41	OIL PRODUCER	3423'/3423'	8" @ 545' W/50 SXS. 7" @ 2914' W/100 SXS. OPEN HOLE COMPLETION: 2914'- 3423' IP=110 BOPD CONVERT TO WATER INJECTION WELL
			12/2/67 1/7/70	WATER INJECTOR	3423'/3418'	4 1/2" @ 3422' W/200 SXS. TOC @ 1220'(TEMP SURVEY) PERFORATE: 3348'- 3415' (OA) RETURN TO WATER INJECTION
TURNER "A" #10	1980'FSL & 1830'FEL SEC 18-T17S-R31E EDDY COUNTY, NM	2/2/41	4/16/41	OIL PRODUCER	3465'/3465'	8 5/8" @ 554' W/50 SXS. 7" @ 2980' W/100 SXS. OPEN HOLE COMPLETION: 2980'- 3465' IP=360 BOPD CONVERT TO WATER INJECTION WELL
			12/13/67 1/12/70	WATER INJECTOR	3465'/3461'	4 1/2" @ 3463' W/200 SXS. TOC @ 1340'(TEMP SURVEY) PERFORATE: 3342'- 3453' (OA) RETURN TO WATER INJECTION
TURNER "A" #11	660'FSL & 660'FEL SEC 18-T17S-R31E EDDY COUNTY, NM	1/27/41	8/1/41	OIL PRODUCER	3399'/3399'	8 5/8" @ 552' W/50 SXS. 7" @ 2950' W/100 SXS. OPEN HOLE COMPLETION: 2950'- 3390' IP=250 BOPD DEEPEMED OPEN HOLE TO 3451' RETURN TO PRODUCTION
			6/17/44		3451'/3451'	CONVERT TO WATER INJECTION WELL
			12/19/67 1/5/70	WATER INJECTOR	3451'/3441'	4 1/2" @ 3451' W/200 SXS. TOC @ 800'(TEMP SURVEY) PERFORATE: 3330'- 3437' (OA) RETURN TO WATER INJECTION

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TURNER "A" #12	330'FNL & 660'FEL SEC. 19-T17S-R31E EDDY COUNTY, NM	6/14/41	8/1/41	OIL PRODUCER	3399'/3399'	8 5/8" @ 512' W/50 SXS. 7" @ 2960' W/100 SXS. OPEN HOLE COMPLETION: 2960'- 3399' IP=250 BOPD DEEPENED OPEN HOLE TO 3437' RETURN TO PRODUCTION PERFORATE: 2510'- 2512' AND SQUEEZE WITH 400 SXS. RETURN TO PRODUCTION SQUEEZE OFF CASING LEAK @ 2516' WITH 690 SXS. RETURN TO PRODUCTION
			8/9/44		3437'/3437'	
			6/9/75			
			3/7/83			
TURNER "A" #13	1980'FSL & 660'FEL SEC. 18-T17S-R31E EDDY COUNTY, NM	9/14/41	11/16/41	OIL PRODUCER	3458'/3458'	8 5/8" @ 515' W/50 SXS. 7" @ 2910' W/100 SXS. OPEN HOLE COMPLETION: 2910'- 3458' IP=125 BOPD SQUEEZE OFF CASING LEAKS @ 2528', 2532' & 2535' WITH 750 SXS. RETURN TO PRODUCTION
TURNER "A" #14	1650'FNL & 660'FWL SEC. 19-T17S-R31E EDDY COUNTY, NM	9/20/41	12/1/41	OIL PRODUCER	3467'/3467'	8 5/8" @ 528' W/50 SXS. 7" @ 2927' W/100 SXS. OPEN HOLE COMPLETION: 2927'- 3467' IP=50 BOPD
TURNER "A" #15	1650'FNL & 1980'FWL SEC. 19-T17S-R31E EDDY COUNTY, NM	10/6/41	2/13/42	OIL PRODUCER	3444'/3444'	8 5/8" @ 495' W/50 SXS. 7" @ 2910' W/100 SXS. OPEN HOLE COMPLETION: 2910'- 3444' IP=60 BOPD CONVERT TO WATER INJECTION WELL 4 1/2" @ 3442' W/200 SXS. TOC @ 1100'(TEMP SURVEY) PERFORATE: 3321'- 3432' (OA) RETURN TO WATER INJECTION PERFORATE: 2945'- 3035' (OA) RETURN TO WATER INJECTION
			12/12/67	WATER INJECTOR		
			1/7/70		3444'/3437'	
			4/30/73			

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TURNER "A" #16	1980FNL & 660FEL SEC 19-T17S-R31E EDDY COUNTY, NM	3/2/44	4/29/44	OIL PRODUCER	1927/1927'	7" @ 491' W/50 SXS 5 1/2" @ 1876' W/100 SXS OPEN HOLE COMPLETION: 1876 - 1927' IP=60 BOPD SET CIBP @ 1844 - TEMPORARILY ABANDONED
TURNER "A" #17	1980FNL & 1980FEL SEC 19-T17S-R31E EDDY COUNTY, NM	8/29/44	10/24/44	OIL PRODUCER	1965/1965'	7" @ 493' W/50 SXS 5 1/2" @ 1847' W/100 SXS OPEN HOLE COMPLETION: 1847 - 1965' IP=95 BOPD PLUGGED & ABANDONED
TURNER "A" #18	1980FNL & 660FWL SEC 19-T17S-R31E EDDY COUNTY, NM	2/4/45	4/23/45	OIL PRODUCER	1966/1966'	7" @ 493' W/50 SXS 5 1/2" @ 1859' W/100 SXS OPEN HOLE COMPLETION: 1859 - 1966' IP=45 BOPD PLUGGED & ABANDONED
TURNER "A" #19	1980FNL & 1980FWL SEC 19-T17S-R31E EDDY COUNTY, NM	1/28/45	4/28/45	OIL PRODUCER	1949/1949'	7" @ 494' W/50 SXS 5 1/2" @ 1837' W/100 SXS OPEN HOLE COMPLETION: 1837 - 1949' IP=85 BOPD PLUGGED & ABANDONED
TURNER "A" #20	2310FNL & 990FEL SEC 19-T17S-R31E EDDY COUNTY, NM	4/15/48	6/8/48	OIL PRODUCER	1935/1935'	7" @ 510' W/50 SXS 5 1/2" @ 1866' W/100 SXS OPEN HOLE COMPLETION: 1866 - 1935' IP=15 BOPD PLUGGED & ABANDONED
TURNER "A" #21	2310FNL & 2310FEL SEC 19-T17S-R31E EDDY COUNTY, NM	10/10/48	11/29/48	OIL PRODUCER	1932/1932'	8 5/8" @ 500' W/30 SXS 5 1/2" @ 1855' W/75 SXS OPEN HOLE COMPLETION: 1855 - 1932' IP=10 BOPD PLUGGED & ABANDONED
			2/24/76			

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TURNER "A" #22	2310FNL & 1650FWL SEC 19-T17S-R31E EDDY COUNTY, NM	8/4/48	10/21/48	OIL PRODUCER	1940'/1940'	8 1/4" @ 491' W/30 SXS 7" @ 1855' W/75 SXS OPEN HOLE COMPLETION: 1855'- 1940' IP=10 BOPD SET CIBP @ 1811' - TEMPORARILY ABANDONED
TURNER "A" #23	660FNL & 660FEL SEC 19-T17S-R31E EDDY COUNTY, NM	11/23/48	2/8/49	OIL PRODUCER	1967'/1967'	8 5/8" @ 512' W/25 SXS 5 1/2" @ 1880' W/100 SXS OPEN HOLE COMPLETION: 1880'- 1967' IP=15 BOPD PLUGGED & ABANDONED
TURNER "A" #24	990FNL & 1650FWL SEC 19-T17S-R31E EDDY COUNTY, NM	9/17/52	10/18/52	OIL PRODUCER	1925'/1925'	8 5/8" @ 519' W/50 SXS 7" @ 1860' W/100 SXS OPEN HOLE COMPLETION: 1860'- 1925' IP=16 BOPD SET CIBP @ 1835' - TEMPORARILY ABANDONED
TURNER "A" #25	990FNL & 2310FEL SEC 19-T17S-R31E EDDY COUNTY, NM	10/24/52	12/8/52	OIL PRODUCER	1915'/1915'	8 5/8" @ 508' W/50 SXS 7" @ 1848' W/100 SXS 5 1/2" LINER @ 1840'- 1915' (LANDED, NOT CEMENTED) PERFORATE: 1872'- 1915' (OA) IP=30 BOPD SET CIBP @ 1817' - TEMPORARILY ABANDONED PLUGGED & ABANDONED
TURNER "A" #26	660FNL & 660FWL SEC 19-T17S-R31E EDDY COUNTY, NM	2/15/53	3/16/53	OIL PRODUCER	1971'/1971'	8 5/8" @ 540' W/50 SXS 7" @ 1907' W/100 SXS 5 1/2" LINER @ 1896'- 1971' (LANDED, NOT CEMENTED) PERFORATE: 1930'- 1971' (OA) IP=21 BOPD SET CIBP @ 1871' - TEMPORARILY ABANDONED PLUGGED & ABANDONED
			9/4/85 8/26/86		1971'/1871'	

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TURNER "A" #27	330FSL & 1398FWL SEC 18-T17S-R31E EDDY COUNTY, NM	3/18/53	4/13/53	OIL PRODUCER	1997'/1997'	8 5/8" @ 580' W/50 SXS 7" @ 1930' W/100 SXS 5 1/2" LINER @ 1925'-1997' (LANDED, NOT CEMENTED) PERFORATE: 1956'-1997' (OA) IP=30 BOPD SET CIBP @ 1900' - TEMPORARILY ABANDONED PLUGGED & ABANDONED
TURNER "A" #28	330FSL & 2310FEL SEC 18-T17S-R31E EDDY COUNTY, NM	4/16/53	5/11/53	OIL PRODUCER	1949'/1949'	9 5/8" @ 530' W/50 SXS 7" @ 1882' W/100 SXS 5 1/2" LINER @ 1873'-1949' (LANDED, NOT CEMENTED) PERFORATE: 1907'-1949' (OA) IP=25 BOPD PLUGGED & ABANDONED
TURNER "A" #29	705FSL & 660FEL SEC 18-T17S-R31E EDDY COUNTY, NM	5/4/53	6/4/53	OIL PRODUCER	1977'/1977'	9 5/8" @ 556' W/50 SXS 7" @ 1910' W/100 SXS 5 1/2" LINER @ 1899'-1977' (LANDED, NOT CEMENTED) PERFORATE: 1932'-1977' (OA) IP=20 BOPD PLUGGED & ABANDONED
TURNER "A" #30	1880FSL & 660FEL SEC 18-T17S-R31E EDDY COUNTY, NM	3/26/53	4/28/53	OIL PRODUCER	1969'/1969'	8 5/8" @ 530' W/50 SXS 7" @ 1901' W/100 SXS 5 1/2" LINER @ 1882'-1969' (LANDED, NOT CEMENTED) PERFORATE: 1927'-1969' (OA) IP=25 BOPD
TURNER "A" #31	560FSL & 660FWL SEC 18-T17S-R31E EDDY COUNTY, NM	6/7/53	7/8/53	OIL PRODUCER	1999'/1999'	9 5/8" @ 578' W/50 SXS 7" @ 1938' W/100 SXS 5 1/2" LINER @ 1925'-1999' (LANDED, NOT CEMENTED) PERFORATE: 1954'-1999' (OA) IP=3 BOPD PLUGGED & ABANDONED
			9/16/81			

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TURNER "A" #32	1650FSL & 1650FEL SEC 18-T17S-R31E EDDY COUNTY, NM	7/22/53	8/19/53	OIL PRODUCER	1965'/1965'	9 5/8" @ 530' W/50 SXS 7" @ 1895' W/100 SXS 5 1/2" LINER @ 1885'-1965' (LANDED, NOT CEMENTED) PERFORATE: 1920'-1965' (OA) IP=30 BOPD PLUG BACK TO 1825' W/4350# SAND & 30 SXS CEMENT TEMPORARILY ABANDONED
TURNER "A" #33	1650FSL & 2058FWL SEC 18-T17S-R31E EDDY COUNTY, NM	8/26/53	9/23/53	OIL PRODUCER	2007'/2007'	9 5/8" @ 570' W/50 SXS 7" @ 1938' W/100 SXS 5 1/2" LINER @ 1927'-2007' (LANDED, NOT CEMENTED) PERFORATE: 1963'-2007' (OA) IP=33 BOPD PLUG BACK TO 1880' W/2500# SAND & CAP W/30 SXS CEMENT. TEMPORARILY ABANDONED
TURNER "A" #34	1650FSL & 738FWL SEC 18-T17S-R31E EDDY COUNTY, NM	9/28/53	10/29/53	OIL PRODUCER	2000'/2000'	9 5/8" @ 565' W/50 SXS 7" @ 1935' W/100 SXS 5 1/2" LINER @ 1924'-2000' (LANDED, NOT CEMENTED) PERFORATE: 1957'-2000' (OA) IP=10 BOPD PLUG BACK TO 1885' W/5000# SAND & CAP W/30 SXS CEMENT. TEMPORARILY ABANDONED
TURNER "A" #35	1800FNL & 660FEL SEC 19-T17S-R31E EDDY COUNTY, NM	12/2/67	1/17/68	WATER INJECTOR	3635'/3618'	8 5/8" @ 555' W/350 SXS. CEMENT TO SURFACE. 4 1/2" @ 3635' W/390 SXS. TOC @ 1480'(TEMP SURVEY) PERFORATE: 2930'-3380' (OA) COMPLETED AS WATER INJECTION WELL FILL 4 1/2" - 8 5/8" ANNULUS FROM 1304' TO SURFACE W/450 SXS CEMENT.
TURNER "A" #36	1800FNL & 1980FEL SEC 19-T17S-R31E EDDY COUNTY, NM	11/18/67	12/10/67	OIL PRODUCER	3450'/3441'	9 5/8" @ 605' W/350 SXS. CEMENT TO SURFACE. 7" @ 3450' W/450 SXS. TOC @ 1800'(TEMP SURVEY) PERFORATE: 2934'-3418' (OA) IP=61 BOPD

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<u>WELL NAME</u>	<u>LOCATION</u>	<u>SPUD DATE</u>	<u>COMP DATE</u>	<u>WELL TYPE</u>	<u>DEPTH/PBTD</u>	<u>COMPLETION RECORD</u>
TURNER "A" #37	1980FSL & 660FWL SEC 18-T17S-R31E EDDY COUNTY, NM	5/15/68	7/11/68	D & A	9800'0"	13 3/8" @ 403' W/400 SXS 8 5/8" @ 3900' W/2000 SXS DRY & ABANDONED
TURNER "B" #2	660FSL & 660FWL SEC 17-T17S-R31E EDDY COUNTY, NM	4/12/41	6/6/41	OIL PRODUCER	3448'/3448'	8 5/8" @ 554' W/50 SXS 7" @ 2935' W/100 SXS OPEN HOLE COMPLETION: 2935' - 3448' IP=275 BOPD
TURNER "B" #3	330FNL & 660FWL SEC 20-T17S-R31E EDDY COUNTY, NM	6/27/41	8/16/41	OIL PRODUCER	3432'/3432'	8 5/8" @ 535' W/50 SXS 7" @ 2890' W/100 SXS OPEN HOLE COMPLETION: 2890' - 3432' IP=315 BOPD CONVERTED TO WATER INJECTION WELL
TURNER "B" #5	1980FSL & 660FWL SEC 17-T17S-R31E EDDY COUNTY, NM	12/31/41	7/10/42	OIL PRODUCER	3461'/3461'	4 1/2" @ 3432' W/200 SXS, TOC @ 490'(TEMP SURVEY) PERFORATE: 3300' - 3424' (OA) RETURN TO INJECTION
TURNER "B" #6	330FNL & 1980FWL SEC 20-T17S-R31E EDDY COUNTY, NM	1/12/42	8/15/42	OIL PRODUCER	3447'/3447'	8 5/8" @ 525' W/50 SXS 7" @ 2952' W/100 SXS OPEN HOLE COMPLETION: 2952' - 3461' IP=130 BOPD 4 1/2" @ 3456' W/150 SXS, TOC @ 1780'(TEMP SURVEY) PERFORATE: 3346' - 3450' (OA) CONVERTED TO WATER INJECTION WELL
			12/22/69	WATER INJECTOR	3461'/3456'	8 5/8" @ 528' W/50 SXS 7" @ 2903' W/100 SXS OPEN HOLE COMPLETION: 2903' - 3447' IP=240 BOPD PERFORATE: 2879' - 2885' (OA) RETURN TO PRODUCTION

VI Wells Within "Area Of Review"

<u>WELL NAME</u>	<u>LOCATION</u>	<u>SPUD DATE</u>	<u>COMP DATE</u>	<u>WELL TYPE</u>	<u>DEPTH/P8TD</u>	<u>COMPLETION RECORD</u>
TURNER "B" #12	2080FSL & 660FWL SEC 20-T17S-R31E EDDY COUNTY, NM	3/13/44	6/6/44	OIL PRODUCER	2022/2022'	7" @ 609' W/50 SXS 5 1/2" @ 1875' W/100 SXS OPEN HOLE COMPLETION: 1875- 2022' IP=50 BOPD SET CIBP @ 1845' - TEMPORARILY ABANDONED
TURNER "B" #15	1980FNL & 660FWL SEC 20-T17S-R31E EDDY COUNTY, NM	8/31/44	11/4/44	OIL PRODUCER	1949/1949'	8 1/4" @ 510' W/50 SXS 7" @ 1875' W/100 SXS OPEN HOLE COMPLETION: 1875- 1949' IP=100 BOPD PLUGGED & ABANDONED
TURNER "B" #16	1980FNL & 1980FWL SEC 20-T17S-R31E EDDY COUNTY, NM	11/2/44	12/31/44	OIL PRODUCER	1974/1974'	8 5/8" @ 536' W/50 SXS 7" @ 1876' W/100 SXS OPEN HOLE COMPLETION: 1876- 1974' IP=60 BOPD SET CIBP @ 1850' - TEMPORARILY ABANDONED PLUGGED & ABANDONED
TURNER "B" #26	1650FSL & 330FWL SEC 20-T17S-R31E EDDY COUNTY, NM	10/15/47	1/2/48	OIL PRODUCER	2010/2010'	7" @ 536' W/50 SXS 5 1/2" @ 1932' W/100 SXS OPEN HOLE COMPLETION: 1932- 2010' IP=20 BOPD PLUGGED & ABANDONED
TURNER "B" #28	2310FNL & 330FWL SEC 20-T17S-R31E EDDY COUNTY, NM	4/22/48	6/8/48	OIL PRODUCER	1949/1949'	7" @ 511' W/50 SXS 5 1/2" @ 1873" W/100 SXS OPEN HOLE COMPLETION: 1873- 1949' IP=15 BOPD PLUGGED & ABANDONED
TURNER "B" #29	660FNL & 660FWL SEC 20-T17S-R31E EDDY COUNTY, NM	11/30/48	2/8/49	OIL PRODUCER	1972/1972'	8 5/8" @ 525' W/50 SXS 5 1/2" @ 1890' W/100 SXS OPEN HOLE COMPLETION: 1890- 1972' IP=15 BOPD PLUGGED & ABANDONED

VI Wells Within "Area Of Review"

<u>WELL NAME</u>	<u>LOCATION</u>	<u>SPUD DATE</u>	<u>COMP DATE</u>	<u>WELL TYPE</u>	<u>DEPTH/PBTD</u>	<u>COMPLETION RECORD</u>
TURNER "B" #37	330FSL & 990FWL SEC 17-T17S-R31E EDDY COUNTY, NM	9/19/52	10/29/52	OIL PRODUCER	1969'/1969'	8 5/8" @ 533' W/50 SXS 7" @ 1902' W/100 SXS OPEN HOLE COMPLETION: 1902' - 1969' IP=25 BOPD
TURNER "B" #40	1650FSL & 990FWL SEC 17-T17S-R31E EDDY COUNTY, NM	2/21/53	3/23/53	OIL PRODUCER	1992'/1992'	8 5/8" @ 543' W/50 SXS 7" @ 1925' W/100 SXS 5 1/2" LINER @ 1912' - 1992' (LANDED, NOT CEMENTED) PERFORATE: 1951' - 1992' (OA) IP=26 BOPD
TURNER "B" #41	1650FSL & 1650FEL SEC 20-T17S-R31E EDDY COUNTY, NM	5/14/53	7/16/53	OIL PRODUCER	3455'/3411'	9 5/8" @ 532' W/50 SXS 5 1/2" @ 3451' W/200 SXS PERFORATE: 3290' - 3408' (OA) IP=80 BOPD PERFORATE: 2955' - 2980' (OA) RETURN TO PRODUCTION CONVERTED TO WATER INJECTION WELL PERFORATE 2900' - 2902' & SQUEEZE WITH 25 SXS RETURN TO INJECTION
			12/19/59	WATER INJECTOR		
			12/30/67 1/18/70			
TURNER "B" #42	1650FNL & 330FWL SEC 20-T17S-R31E EDDY COUNTY, NM	10/20/53	12/7/53	OIL PRODUCER	3430'/3430'	9 5/8" @ 525' W/50 SXS 5 1/2" @ 3430' W/200 SXS, TOC @ 1790' PERFORATE: 3318' - 3391' (OA) IP=38 BOPD PLUG BACK TO 3370' PERFORATE: 2980' - 2991' (OA) RETURN TO PRODUCTION PERFORATE: 2928' - 3032' (OA) RETURN TO PRODUCTION CLEAN OUT TO 3395' PERFORATE: 3060' - 3068' (OA) RETURN TO PRODUCTION
			2/24/54		3430'/3370'	
			10/29/59			
			11/13/91		3430'/3395'	

VI Wells Within "Area Of Review"

<u>WELL NAME</u>	<u>LOCATION</u>	<u>SPUD DATE</u>	<u>COMP DATE</u>	<u>WELL TYPE</u>	<u>DEPTH/PBTD</u>	<u>COMPLETION RECORD</u>
TURNER "B" #67	1650FSL & 660FWL SEC 20-T17S-R31E EDDY COUNTY, NM	5/26/60	7/25/60	OIL PRODUCER	7223'/7186'	13 3/8" @ 470' W/525 SXS. CEMENT TO SURFACE. 8 5/8" @ 3800' W/900 SXS. TOC @ 1010' 4 1/2" LINER @ 3697'- 7221' W/760 SXS. TOC @ 3697' PERFORATE: 3031'- 7054' (OA) IP=192 BOPD
			4/3/69	WATER INJECTOR	7223'/3090'	SET CIBP @ 6900' & CAP WITH 30' CEMENT(2 SXS). SQUEEZE OFF PERFORATIONS 3155'- 3180' W/100 SXS. CONVERTED TO WATER INJECTION WELL PERFORATE: 3060'- 3068' RETURN TO INJECTION SQUEEZE OFF CASING LEAKS 478'- 513' WITH 550 SXS. RETURN TO INJECTION
			1/30/70			
			3/24/96			
TURNER "B" #95	2510FSL & 1000FWL SEC 20-T17S-R31E EDDY COUNTY, NM	1/17/91	2/19/91	OIL PRODUCER	3700'/3505'	8 5/8" @ 603' W/465 SXS. CEMENT TO SURFACE. 5 1/2" @ 3700' W/3050 SXS. CEMENT TO SURFACE. PERFORATE: 2815'- 3551' (OA) IP=113 BOPD
TURNER "B" #101	990FNL & 1150FWL SEC 20-T17S-R31E EDDY COUNTY, NM	6/7/92	8/21/92	OIL PRODUCER	3857'/3700'	13 3/8" @ 367' W/400 SXS. CEMENT TO SURFACE. 8 5/8" @ 1246' W/800 SXS. CEMENT TO SURFACE. 5 1/2" @ 3856' W/1100 SXS. CEMENT TO SURFACE. PERFORATE: 3031'- 3800' (OA) IP=48 BOPD
TURNER "B" #104	160FSL & 1370FWL SEC 17-T17S-R31E EDDY COUNTY, NM	6/1/92	7/6/92	OIL PRODUCER	3648'/3320'	13 3/8" @ 332' W/450 SXS. CEMENT TO SURFACE. 8 5/8" @ 1264' W/600 SXS. CEMENT TO SURFACE. 5 1/2" @ 3648' W/1000 SXS. CEMENT TO SURFACE. PERFORATE: 2810'- 3094' (OA) IP=72 BOPD

VI Wells Within "Area Of Review"

<u>WELL NAME</u>	<u>LOCATION</u>	<u>SPUD DATE</u>	<u>COMP DATE</u>	<u>WELL TYPE</u>	<u>DEPTH/PBTD</u>	<u>COMPLETION RECORD</u>
FOSTER FEDERAL #8 Weier Drilling Company	2342FNL & 1682FWL SEC 17-T17S-R31E EDDY COUNTY, NM	5/15/54	6/21/54	OIL PRODUCER	2081'/2081'	7" @ 518' W/50 SXS 5 1/2" @ 1962' W/100 SXS OPEN HOLE COMPLETION: 1962' - 2081' IP=9 BOPD PLUGGED & ABANDONED
FOSTER-EDDY FEDERAL #4 Oryx Energy Company	660FNL & 1980FWL SEC 17-T17S-R31E EDDY COUNTY, NM	8/22/43	1/21/44	OIL PRODUCER	3505'/3505'	8 1/2" @ 532' W/50 SXS 7" @ 2908' W/100 SXS OPEN HOLE COMPLETION: 2908' - 3505' IP=50 BOPD PLUGGED & ABANDONED
FOSTER-EDDY FEDERAL #8 Marbob Energy Corporation	330FNL & 1650FWL SEC 17-T17S-R31E EDDY COUNTY, NM	9/13/89	12/5/89	OIL PRODUCER	6035'/4875'	8 5/8" @ 462' W/300 SXS. CEMENT TO SURFACE. 5 1/2" @ 6022' W/4400 SXS. CEMENT TO SURFACE. PERFORATE: 2888' - 3813' (OA) IP=70 BOPD
FOSTER-EDDY FEDERAL #10 Marbob Energy Corporation	2310FNL & 1650FWL SEC 17-T17S-R31E EDDY COUNTY, NM	11/11/91	1/11/92	OIL PRODUCER	5580'/5542'	13 3/8" @ 211' W/225 SXS 8 5/8" @ 1348' W/750 SXS 5 1/2" @ 5554' W/1250 SXS PERFORATE: 2882' - 4509' (OA) IP=78 BOPD
GRYBRG-JCKSN SA UT #1 Burnett Oil Company	1650FNL & 660FEL SEC 24-T17S-R30E EDDY COUNTY, NM	7/2/41	9/13/41	OIL PRODUCER	3448'/3448'	8 1/4" @ 565' W/50 SXS 7" @ 2968' W/100 SXS OPEN HOLE COMPLETION: 2968' - 3448' IP=300 BOPD
GRYBRG-JCKSN SA UT #3 Burnett Oil Company	330FNL & 330FEL SEC 24-T17S-R30E EDDY COUNTY, NM	7/17/39	10/1/39	OIL PRODUCER	3527'/3527'	8 5/8" @ 549' W/50 SXS 7" @ 2949' W/100 SXS OPEN HOLE COMPLETION: 2949' - 3527' IP=1680 BOPD

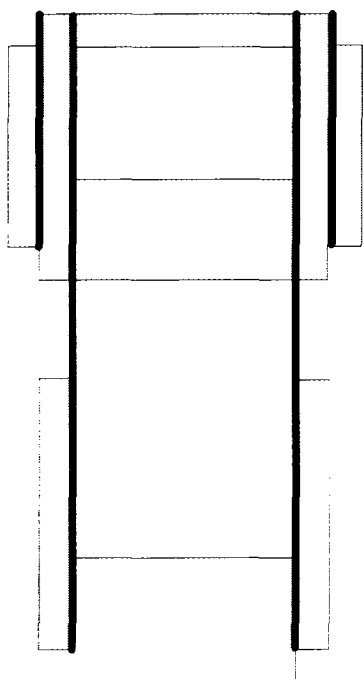
VI Wells Within "Area Of Review"

<u>WELL NAME</u>	<u>LOCATION</u>	<u>SPUD DATE</u>	<u>COMP DATE</u>	<u>WELL TYPE</u>	<u>DEPTH/PBTD</u>	<u>COMPLETION RECORD</u>
GRYBRG-JCKSN SA UT #11 Burnett Oil Company	1980FNL & 660FEL SEC 24-T17S-R30E EDDY COUNTY, NM	11/29/44	1/2/45	WATER INJECTOR	2000'/2000'	8 1/4" @ 525' W/50 SXS 7" @ 1861' W/100 SXS OPEN HOLE COMPLETION: 1861'- 2000' COMPLETED AS WATER INJECTION WELL
GRYBRG-JCKSN SA UT #15 Burnett Oil Company	660FSL & 660FEL SEC 13-T17S-R30E EDDY COUNTY, NM	12/20/37	2/20/38	OIL PRODUCER	3518'/3518'	8 1/4" @ 565' W/50 SXS 6" @2971' W/100 SXS OPEN HOLE COMPLETION: 2971'- 3518' IP=550 BOPD
GRYBRG-JCKSN SA UT #16 Burnett Oil Company	1980FSL & 660FEL SEC 13-T17S-R30E EDDY COUNTY, NM	9/27/37	12/19/37	OIL PRODUCER	3525'/3525'	8 1/4" @ 556' W/50 SXS 7" @ 2945' W/100 SXS OPEN HOLE COMPLETION: 2945'- 3525' IP=480 BOPD
GRYBRG-JCKSN SA UT #28 Burnett Oil Company	3080FSL & 660FEL SEC 13-T17S-R30E EDDY COUNTY, NM	12/14/39	2/19/40	OIL PRODUCER	3514'/3514'	8" @ 592' W/50 SXS 7" @ 2945' W/100 SX OPEN HOLE COMPLETION: 2945'- 3514' IP=70 BOPD
GRYBRG-JCKSN SA UT #30 Burnett Oil Company	440FNL & 440FEL SEC 13-T17S-R30E EDDY COUNTY, NM	6/18/37	12/1/37	OIL PRODUCER	3541'/3541'	8 1/4" @ 551' W/50 SXS 7" @ 2950' W/100 SXS OPEN HOLE COMPLETION: 2950'- 3541' IP=100 BOPD
GRYBRG-JCKSN SA UT #35 Burnett Oil Company	440FSL & 660FEL SEC 12-T17S-R30E EDDY COUNTY, NM	3/9/40	5/10/40	OIL PRODUCER	3482'/3482'	10 1/4" @ 582' W/50 SXS 7" @ 2936' W/100 SXS OPEN HOLE COMPLETION: 2936'- 3482' IP=115 BOPD
GRYBRG-JCKSN SA UT #36 Burnett Oil Company	1760FSL & 660FEL SEC 12-T17S-R30E EDDY COUNTY, NM	6/29/57	10/20/57	OIL PRODUCER	3507'/3507'	8 5/8" @ 570' W/50 SXS 7" @ 3303' W/300 SXS OPEN HOLE COMPLETION: 3303'- 3507' IP=30 BOPD

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: FREN OIL COMPANY #4			FIELD: GRAYBURG-JACKSON			
LOCATION: 1980'FSL & 660'FEL, SEC 19-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3609'; KB=UNK			SPUD DATE: 12/08/43		COMP DATE: 01/21/44	
API#: 30-015-05252		PREPARED BY: C.H. CARLETON			DATE: 04/22/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 480'	8 5/8"	32#			12"
CASING:	0' - 1845'	7"	20#			8 1/2"
CASING:	UNK - 3178'	5 1/2"	15.5#	J-55		6 1/4"
TUBING:						
TUBING:						



☒ CURRENT

☐ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

DATE PLUGGED: 07/08/77

CEMENT PLUG: 0' - 10'

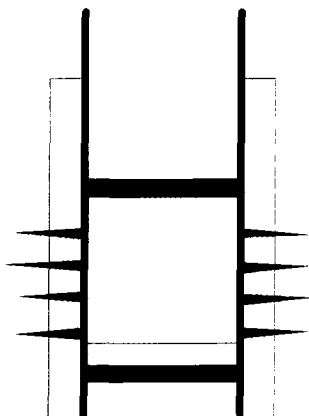
CEMENT PLUG: 370' - 570'

8 5/8" CASING SET W/60 SXS. TOC @ UNKNOWN.

PERF 7" CASING @ 570'

CEMENT PLUG: 1580' - 1892'

7" CASING, SET W/100 SXS. TOC @ UNKNOWN.



CUT 5 1/2" CASING (DEPTH UNKNOWN)

CEMENT RETAINER @ 2607', PUMP 150 SXS BELOW RETAINER.

PERFORATIONS: 2722' - 3152' (OA)

CIBP @ 3170'

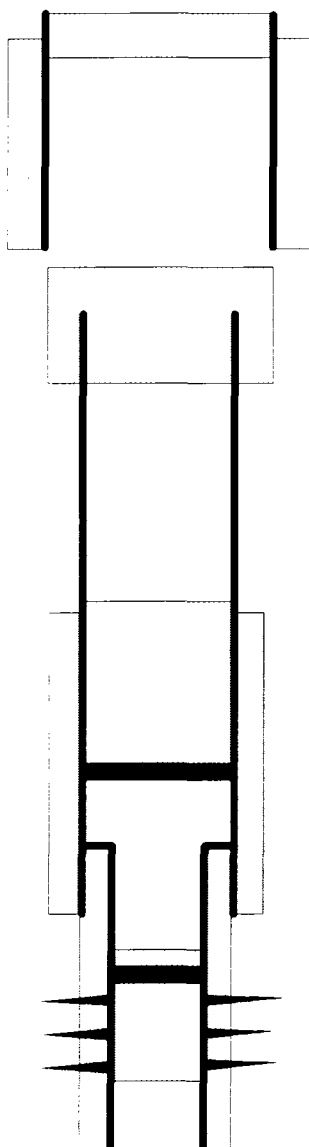
5 1/2" CASING SET W/85 SXS. TOC @ UNKNOWN.

TD @ 3185'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: FREN OIL COMPANY #6			FIELD: GRAYBURG-JACKSON			
LOCATION: 990'FSL & 1650'FEL, SEC 19-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK; KB=UNK; DF=3591'			SPUD DATE: 08/10/46		COMP DATE: 09/09/46	
API#: 30-015-05254		PREPARED BY: C.H. CARLETON			DATE: 04/22/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 500'	8 5/8"	24#			12"
CASING:	0' - 1818'	7"	20#			8 1/4"
CASING:	1767' - 3643'	4 1/2"	9.5#			6"
TUBING:						
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

DATE PLUGGED: 10/13/75

CEMENT PLUG: 0' - 50'

8 5/8" CASING SET W/75 SXS. TOC @ UNKNOWN

CEMENT PLUG: 510' - 660'

CUT 7" CASING @ 585'

CEMENT RETAINER @ 1693', CAP WITH 300' CEMENT.

TOP OF 4 1/2" LINER @ 1767'

7" CASING SET W/150 SXS. TOC @ UNKNOWN

CEMENT RETAINER @ 2800', PUMP 75 SXS BELOW & CAP W/2 SXS.

PERFORATIONS: 2911' - 3546' (OA)

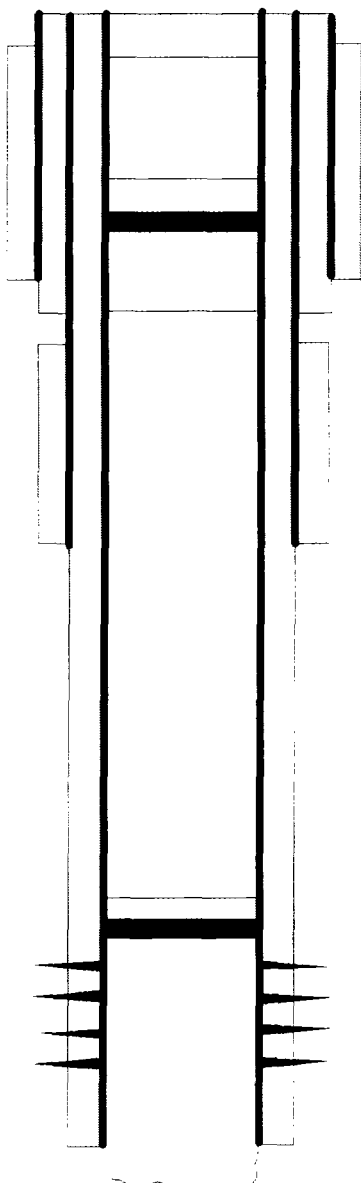
4 1/2" LINER SET W/295 SXS.

TD @ 3643'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: FREN OIL COMPANY #8			FIELD: GRAYBURG-JACKSON			
LOCATION: 2310'FSL & 2310'FWL, SEC 19-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=UNK; KB=UNK			SPUD DATE: 11/27/46		COMP DATE: 12/28/46	
API#: 30-015-05256		PREPARED BY: C.H. CARLETON			DATE: 04/22/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 505'	8 5/8"	24#			12"
CASING:	0' - 1792'	7"	20#	J-55		8 1/2"
CASING:	0' - 3578'	4 1/2"	9.5#	J-55		6 1/4"
TUBING:						
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

DATE PLUGGED: 03/24/76

CEMENT PLUG: 0' - 50'

CEMENT RETAINER @ 400', PUMP 85 SXS BELOW & CAP WITH 4 SXS.

8 5/8" CASING, SET W/75 SXS. TOC @ UNKNOWN.

PERFORATE 4 1/2" - 7" CASING @ 605'

7" CASING, SET W/130 SXS. TOC @ UNKNOWN.

CIBP @ 2710', CAP WITH 4 SXS.

PERFORATIONS: 2755' - 3562' (OA)

4 1/2" CASING SET W/465 SXS. TOC @ 170'.

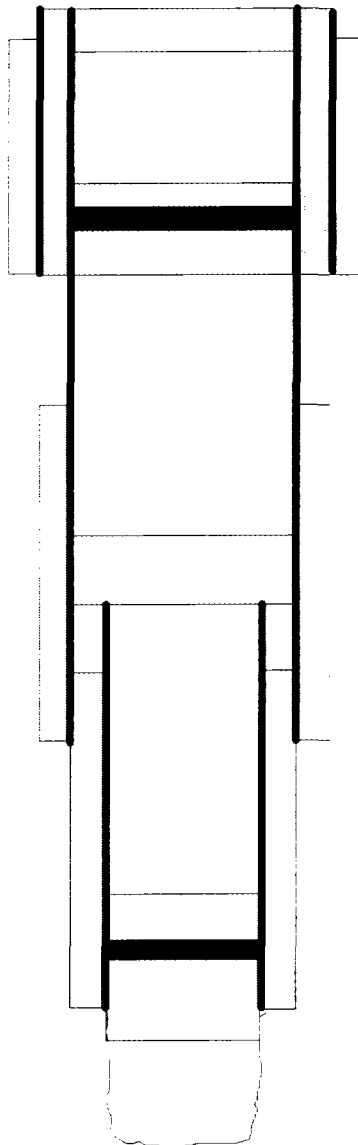
TD @ 3615'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: FREN OIL COMPANY #9	FIELD: GRAYBURG-JACKSON
LOCATION: 2310'FSL & 330'FEL, SEC 19-T17S-R31E	COUNTY: EDDY STATE: NM
ELEVATION: GL=3611'; KB=UNK	SPUD DATE: 02/06/47 COMP DATE: 04/28/47
API#: 30-015-05257	PREPARED BY: C.H. CARLETON DATE: 04/22/96

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 506'	8 5/8"	24#			12"
CASING:	0' - 2595'	7"	20#	J-55		8 1/2"
CASING:	0' - 2950'	5 1/2"	15.5#	J-55		6 1/4"
TUBING:						
TUBING:						



☒ CURRENT

☐ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 11/17/76

CEMENT PLUG: 0' - 50'
CEMENT RETAINER @ 469', PUMP 130 SXS BELOW & CAP WITH 2 SXS.
8 5/8" CASING, SET W/50 SXS. TOC @ UNKNOWN.
PERFORATE 7" CASING @ 500'

CEMENT PLUG: 1422' - 1530'
CUT 5 1/2" CASING @ 1530'

7" CASING, SET W/150 SXS. TOC @ UNKNOWN.

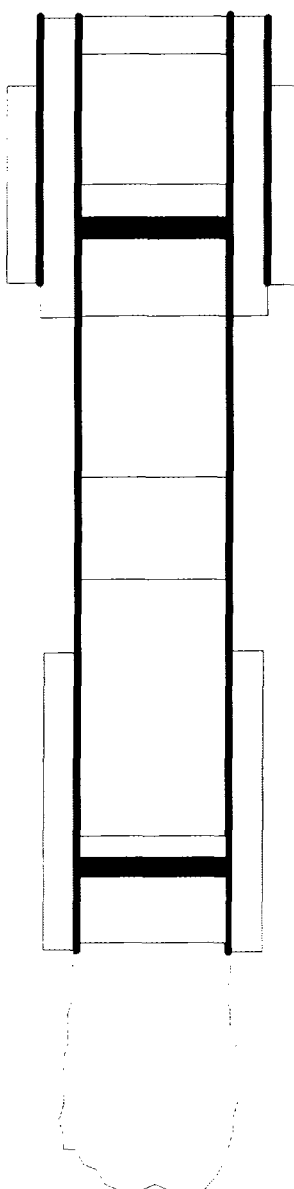
CEMENT RETAINER @ 2846', PUMP 100 SXS BELOW & CAP W/100' CMT.
5 1/2" CASING SET W/125 SXS. TOC @ UNKNOWN.

OPEN HOLE COMPLETION: 2950' - 3121'

PBTD @ 3121' (PEA GRAVEL)
TD @ 3445'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: HUDSON FEDERAL #4			FIELD: GRAYBURG-JACKSON			
LOCATION: 990'FNL & 330'FWL, SEC 17-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=3721'; KB=UNK			SPUD DATE: 11/07/41		COMP DATE: 02/01/42	
API#: 30-015-05180		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 649'	8 5/8"	28#			10"
CASING:	0' - 2803'	7"	20#			8"
CASING:						
TUBING:						
TUBING:						



The diagram is a vertical cross-section of a wellbore. It shows two main casing sections: an upper section from 0' to 649' and a lower section from 0' to 2803'. Between these sections, there is a gap. The bottom of the well is labeled 'TD @ 3500''. There are two cement retainers: one at 560' and another at 2500'. A cement plug is shown at the top (0' - 50'). The wellbore is filled with fluid, indicated by a wavy line at the bottom.

CURRENT
 PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 04/19/79

CEMENT PLUG: 0' - 50'

CEMENT RETAINER @ 560'. PUMP 100 SXS BELOW & CAP WITH 4 SXS.
 8 5/8" CASING, SET W/50 SXS. TOC @ UNKNOWN
 PERFORATE 7" CASING @ 660'.

CEMENT PLUG: 1000' - 1200'

CEMENT RETAINER @ 2500'. PUMP 300 SXS BELOW & CAP WITH 2 SXS.
 7" CASING SET W/100 SXS. TOC @ UNKNOWN

OPEN HOLE COMPLETION: 2803' - 3500'

TD @ 3500'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: J.L. KEEL "A" #5			FIELD: GRAYBURG-JACKSON			
LOCATION: 330'FSL & 2310'FEL, SEC 7-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=3697'; KB=UNK			SPUD DATE: 05/11/41		COMP DATE: 09/22/41	
API#: 30-015-05093		PREPARED BY: C.H. CARLETON			DATE: 03/06/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 502'	8 5/8"	32#			
CASING:	1825' - 3131'	5 1/2"	15#			
CASING:						
TUBING:	0' - 3547'	2 7/8"	6.5#			
TUBING:						

☒ CURRENT
☐ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 06/02/89

8 5/8" CASING, SET W/50 SXS. TOC @ SURFACE

5 1/2" CASING CUT @ 1825'

5 1/2" CASING SET W/100 SXS. TOC @ UNKNOWN

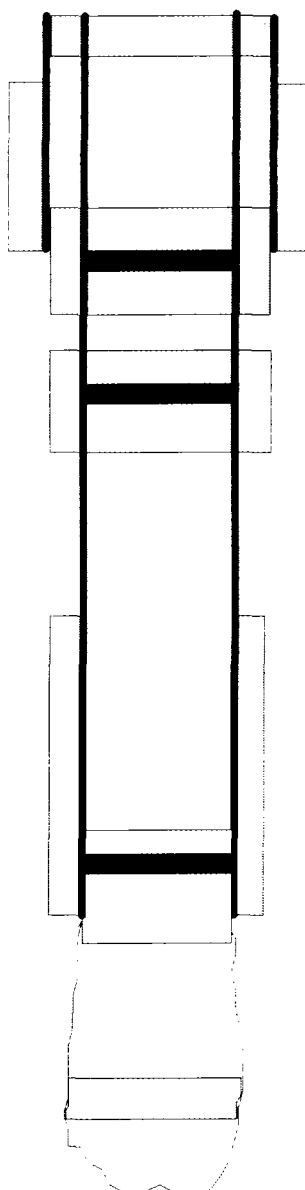
BOTTOM OF PLUG IN 2 7/8" TUBING @ 3150'
 OPEN HOLE COMPLETION: 3131' - 3547'
 2 7/8" TUBING SET W/698 SXS. CIRCULATED TO SURFACE.
 TD @ 3547'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: J.L. KEEL "A" #8	FIELD: GRAYBURG-JACKSON
LOCATION: 1980'FSL & 1980'FEL, SEC 7-T17S-R31E	COUNTY: EDDY STATE: NM
ELEVATION: GL=3702'; KB=3712'	SPUD DATE: 02/28/50 COMP DATE: 05/28/50
API#: 30-015-05096	PREPARED BY: C.H. CARLETON DATE: 03/07/96

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 535'	10 3/4"				
CASING:	0' - 2760'	7"				
CASING:						
TUBING:						
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 05/31/78

SURFACE PLUG SET W/200 SXS.
10 3/4" CASING, SET W/110 SXS. TOC @ UNKNOWN
CEMENT RETAINER @ 596'. PUMP 200 SXS BELOW & CAP W/3 SXS.
PERF 7" CASING @ 650'.

CEMENT RETAINER @1155'. PUMP 100 SXS BELOW & CAP W/3 SXS.
PERF 7" CASING @ 1210'.

CEMENT RETAINER @ 2675'. PUMP 100 SXS BELOW & CAP W/3 SXS.
7" CASING SET W/125 SXS. TOC @ UNKNOWN

OPEN HOLE COMPLETION: 2760'- 5100'

CEMENT PLUG: 4535'- 4657'

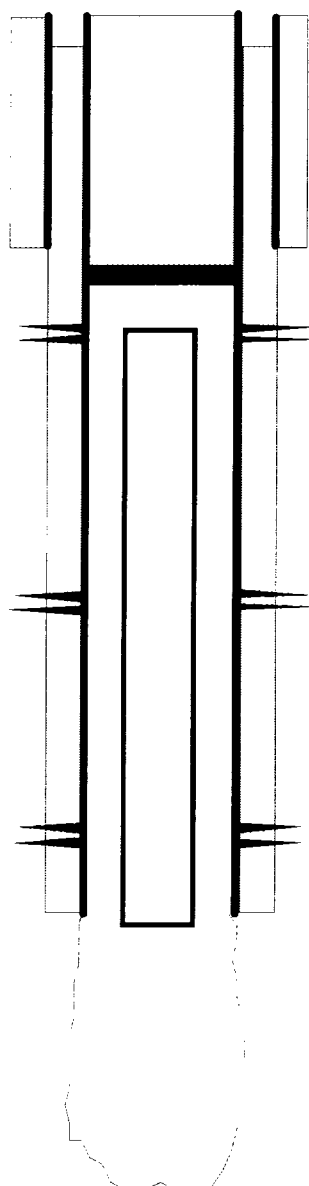
TD @ 5100'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: J.L. KEEL "A" #19	FIELD: GRAYBURG-JACKSON
LOCATION: 1350'FSL & 1320'FEL, SEC 7-T17S-R31E	COUNTY: EDDY STATE: NM
ELEVATION: GL=3798'; KB=3810'	SPUD DATE: 08/15/94 COMP DATE: 11/24/94
API#: 30-015-28040	PREPARED BY: C.H. CARLETON DATE: 03/07/96

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 519'	8 5/8"	24#	J-55	ST&C	12 1/4"
CASING:	0' - 1047'	4 1/2"	11.6#	J-55	LT&C	7 7/8"
CASING:						
TUBING:	673' - 1056'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



☒ CURRENT

☐ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 09/22/95

8 5/8" CASING, SET W/305 SXS. TOC @ SURFACE.
CIBP @ 611', CAP WITH CEMENT TO SURFACE.

PERFORATIONS: 660'- 700' (80 HOLES)
TOP OF STUCK TUBING @ 673'.

PERFORATIONS: 860'- 880' (40 HOLES)

PERFORATIONS: 940'- 970' (60 HOLES)

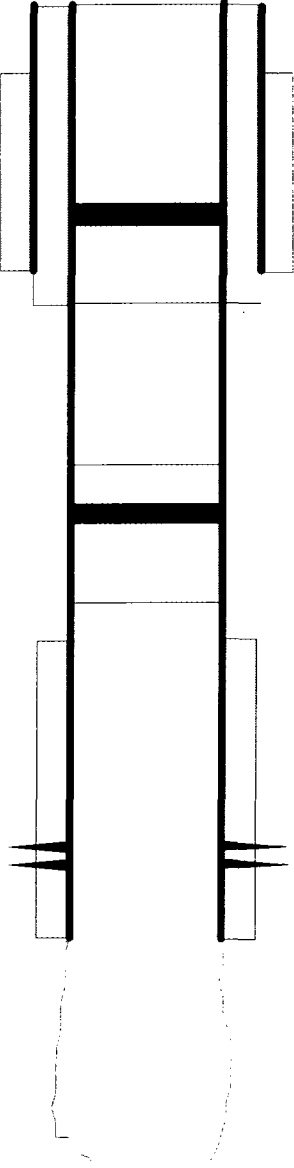
4 1/2" CASING SET W/1150 SXS. TOC @ 75' (TEMP SURVEY).
BOTTOM OF STUCK TUBING @ 1056'.

OPEN HOLE COMPLETION: 1047'- 1375'

TD @ 1375'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: TURNER "A" #4			FIELD: GRAYBURG-JACKSON			
LOCATION: 660'FSL & 660'FWL, SEC 18-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=3760'; KB=UNK			SPUD DATE: 03/07/38		COMP DATE: 05/22/38	
API#: 30-015-05212		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 580'	8 5/8"	24#			
CASING:	0' - 3399'	5 1/2"	17#			
CASING:						
TUBING:						
TUBING:						



☒ CURRENT

☐ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 10/21/80

CEMENT PLUG: 0'- 591'
 CEMENT RETAINER @ 564'
 8 5/8" CASING, SET W/50 SXS. TOC @ UNKNOWN
 PERFORATE 5 1/2" CASING @ 589'- 591'

CEMENT RETAINER @ 1375', PUMP 200 SXS BELOW & CAP W/10 SXS.

PERFORATIONS: 3132'- 3142' (OA)

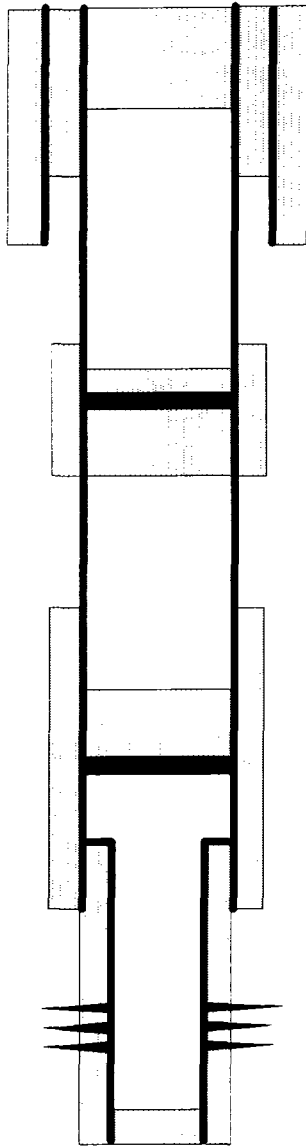
5 1/2" CASING SET W/100 SXS. TOC @ UNKNOWN

OPEN HOLE COMPLETION: 3399'- 3522'

TD @ 3522'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: TURNER "A" #6			FIELD: GRAYBURG-JACKSON			
LOCATION: 660'FSL & 1980'FWL, SEC 18-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=3750'; KB=UNK			SPUD DATE: 04/27/40		COMP DATE: 07/01/40	
API#: 30-015-05210		PREPARED BY: C.H. CARLETON			DATE: 05/14/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 571'	8 5/8"				10"
CASING:	0' - 2945'	7"	24#			8"
CASING:	2891' - 3494'	4 1/2"	9.5#			6"
TUBING:						
TUBING:						



The diagram is a vertical schematic of a wellbore. It shows several sections of casing and tubing. The top section is labeled '0' - 571' and is 8 5/8" in size. Below this is a section labeled '0' - 2945' which is 7" in size. The bottom section is labeled '2891' - 3494'' and is 4 1/2" in size. The diagram also shows a cement plug at the top, a cement retainer at 1236', and another cement retainer at 2788'. The bottom of the well is labeled 'TD @ 3494''.

CURRENT
 PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 05/13/96

CEMENT PLUG: 0' - 150'
 8 5/8" CASING, SET W/50 SXS. TOC @ UNKNOWN

CEMENT RETAINER @ 1236', PUMP 125 SXS BELOW & CAP W/4 SXS.

PERFORATE 7" CASING @ 1325' (4 HOLES)

CEMENT RETAINER @ 2788', CAP WITH 25 SXS (150').

TOP OF 4 1/2" LINER @ 2891'
 7" CASING SET W/100 SXS. TOC @ UNKNOWN

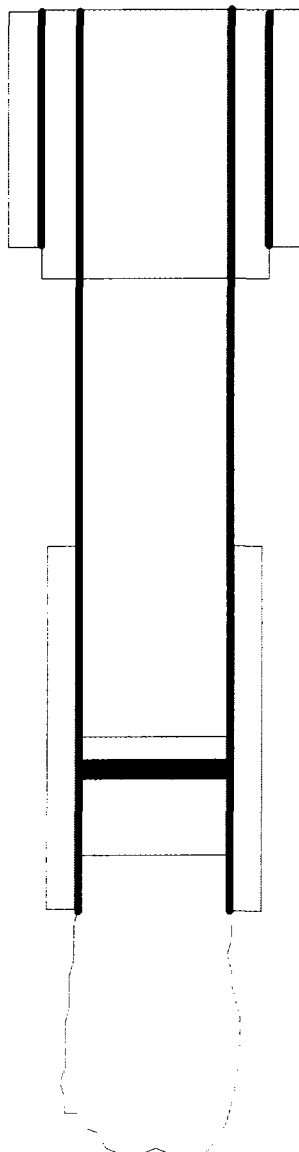
PERFORATIONS: 3414' - 3483' (OA)

PBTD @ 3489'
 4 1/2" LINER SET W/100 SXS.
 TD @ 3494'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #7			FIELD: GRAYBURG-JACKSON			
LOCATION: 330'FSL & 1980'FWL, SEC 19-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK ; KB=UNK			SPUD DATE: 05/24/40		COMP DATE: 08/04/40	
API#: 30-015-05236		PREPARED BY: C.H. CARLETON			DATE: 04/18/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 565'	8 5/8"	32#			10"
CASING:	0' - 2957'	7"	24#			8"
CASING:						
TUBING:						
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 02/02/95

CEMENT PLUG: 0' - 596'
8 5/8" CASING, SET W/50 SXS. TOC @ UNKNOWN
PERF 7" CASING @ 595' - 596' W/4 SPF

CEMENT RETAINER @ 2296'. PUMP 200 SXS BELOW & CAP W/50' CMT.

NOTE: 7" CASING COLLAPSED @ 2489'

7" CASING SET W/100 SXS. TOC @ UNKNOWN.

OPEN HOLE COMPLETION: 2957' - 3442'

TD @ 3442'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: TURNER "A" #8			FIELD: GRAYBURG-JACKSON			
LOCATION: 660'FSL & 1980'FEL, SEC 18-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=3691' ; KB=UNK			SPUD DATE: 07/23/40		COMP DATE: 01/13/41	
API#: 30-015-05213		PREPARED BY: C.H. CARLETON			DATE: 04/18/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 550'	8"				10"
CASING:	0' - 2918'	7"				8"
CASING:						
TUBING:						
TUBING:						

☒ CURRENT ☐ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 05/09/94

CEMENT PLUG: 0' - 600'
 8" CASING, SET W/50 SXS. TOC @ UNKNOWN
 PERF 7" CASING @ 600'

CEMENT RETAINER @ 1138'. PUMP 250 SXS BELOW RETAINER.

CIBP @ 2889', CAP WITH 50' CEMENT.

7" CASING SET W/100 SXS. TOC @ 1102'(CBL)

OPEN HOLE COMPLETION: 2918' - 3462'

TD @ 3462'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: TURNER "A" #17			FIELD: GRAYBURG-JACKSON			
LOCATION: 1980'FNL & 1980'FEL, SEC 19-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=3620'; KB=UNK			SPUD DATE: 08/29/44		COMP DATE: 10/24/44	
API#: 30-015-05242		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 493'	7"	17,24#			
CASING:	0' - 1847'	5 1/2"	14#			
CASING:						
TUBING:						
TUBING:						

☒ CURRENT ☐ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 10/12/85

CEMENT PLUG: 0'- 90'
 CEMENT PLUG: 120'- 518'
 7" CASING, SET W/50 SXS. TOC @ 240'(CALC)

CEMENT PLUG: 530'- 550'

CEMENT PLUG: 1100'- 1305'

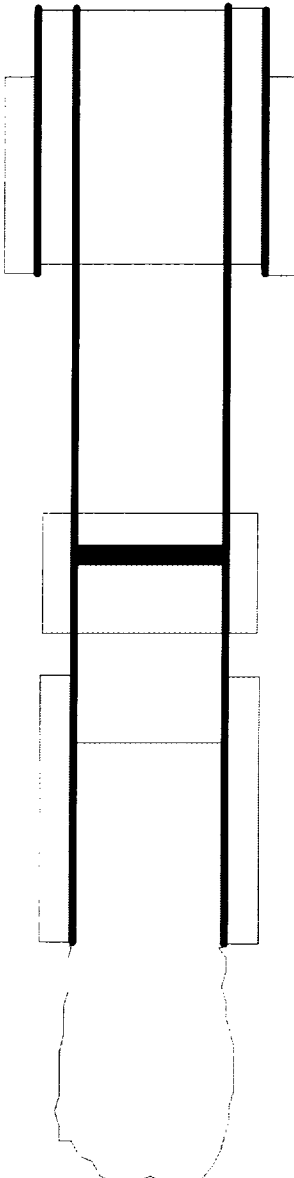
CEMENT RETAINER @ 1781', PUMP 150 SXS BELOW & CAP W/335' CMT.
 5 1/2" CASING SET W/100 SXS. TOC @ 810'(CALC)

OPEN HOLE COMPLETION: 1847'- 1965'

TD @ 1965'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: TURNER "A" #18			FIELD: GRAYBURG-JACKSON			
LOCATION: 1980'FNL & 660'FWL, SEC 19-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=3667'; KB=UNK			SPUD DATE: 02/04/45		COMP DATE: 04/23/45	
API#: 30-015-05243		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 493'	7"	20#			
CASING:	0' - 1859'	5 1/2"	14#			
CASING:						
TUBING:						
TUBING:						



The diagram shows a vertical wellbore. It starts with a casing section from 0' to 493' (7" size). This is followed by another casing section from 0' to 1859' (5 1/2" size). Below this, there is a section labeled 'OPEN HOLE COMPLETION' from 1859' to 1966'. The well terminates at 1966' (TD). Various completion features like cement plugs, retainers, and perforations are indicated at specific depths.

☒ CURRENT

☐ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 10/06/86

CEMENT PLUG: 0' - 490'
 PERFORATE 7" CASING @ 490'
 7" CASING, SET W/50 SXS. TOC @ UNKNOWN

CEMENT RETAINER @ 1132', PUMP 150 SXS BELOW & CAP W/50' CMT.
 PERFORATE 7" CASING @ 1250'

CEMENT PLUG: 1400' - 1952'

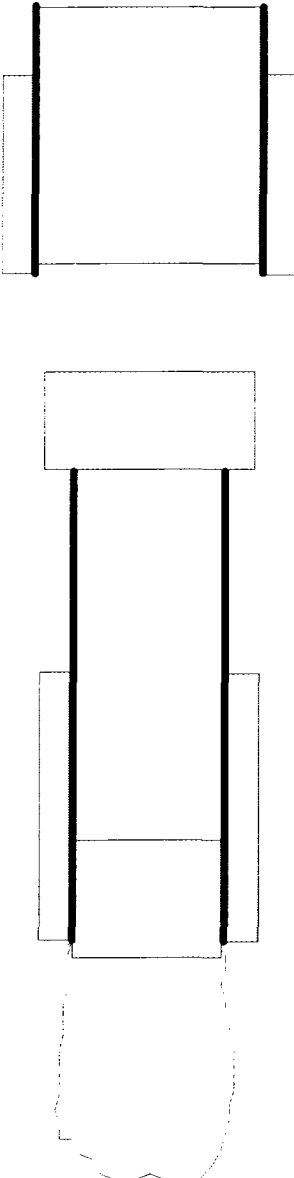
5 1/2" CASING SET W/100 SXS. TOC @ UNKNOWN

OPEN HOLE COMPLETION: 1859' - 1966'

TD @ 1966'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: TURNER "A" #19			FIELD: GRAYBURG-JACKSON			
LOCATION: 1980'FNL & 1980'FWL, SEC 19-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK; KB=UNK; DF=3650'			SPUD DATE: 01/28/45		COMP DATE: 04/28/45	
API#: 30-015-05244		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 494'	7"	17.24#			
CASING:	950' - 1837'	5 1/2"	14#			
CASING:						
TUBING:						
TUBING:						



☒ CURRENT ☐ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 02/13/76

CEMENT PLUG: 0'- 492'

7" CASING, SET W/50 SXS. TOC @ UNKNOWN

CEMENT PLUG: 720'- 950'

CUT 5 1/2" CASING @ 950'

CEMENT PLUG: 1716'- 1839'

5 1/2" CASING SET W/100 SXS. TOC @ UNKNOWN

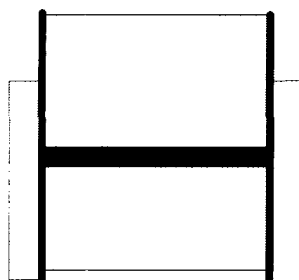
OPEN HOLE COMPLETION: 1837'- 1949'

TD @ 1949'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #20			FIELD: GRAYBURG-JACKSON			
LOCATION: 2310'FNL & 990'FEL, SEC 19-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=3698'; KB=UNK;			SPUD DATE: 04/15/48		COMP DATE: 06/08/48	
API#: 30-015-05245		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 510'	7"	24#			
CASING:	705' - 1866'	5 1/2"	14#			
CASING:						
TUBING:						
TUBING:						



CURRENT



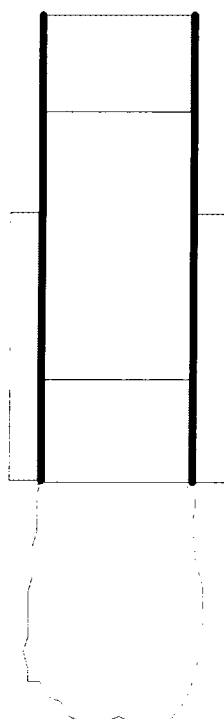
PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

DATE PLUGGED: 03/02/76

CEMENT RETAINER @ 200', PUMP 80 SXS BELOW & CAP WITH 45 SXS.

7" CASING, SET W/50 SXS. TOC @ UNKNOWN



CUT 5 1/2" CASING @ 705'

CEMENT PLUG: 705'- 950'

CEMENT PLUG: 1686'- 1866'

5 1/2" CASING SET W/100 SXS. TOC @ UNKNOWN

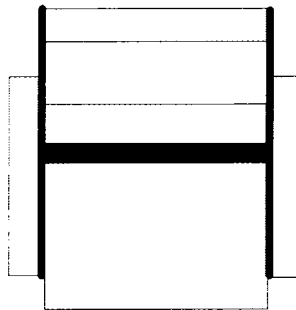
OPEN HOLE COMPLETION: 1866'- 1935'

TD @ 1935'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #21			FIELD: GRAYBURG-JACKSON			
LOCATION: 2310'FNL & 2310'FEL, SEC 19-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3614'; KB=UNK;			SPUD DATE: 10/10/48		COMP DATE: 11/29/48	
API#: 30-015-05246		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 500'	8 5/8"	24#			
CASING:	950' - 1855'	5 1/2"	14#			
CASING:						
TUBING:						
TUBING:						

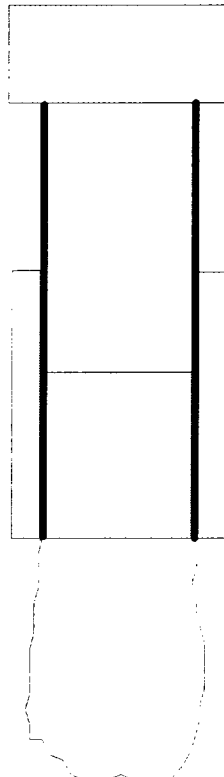


☒ CURRENT

☐ PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 02/24/76

CEMENT PLUG: 0' - 35'
CEMENT RETAINER @ 270', PUMP 200 SXS BELOW & CAP WITH 15 SXS.
8 5/8" CASING, SET W/30 SXS. TOC @ UNKNOWN



CEMENT PLUG: 800' - 950'

CUT 5 1/2" CASING @ 950'

CEMENT PLUG: 1500' - 1855'

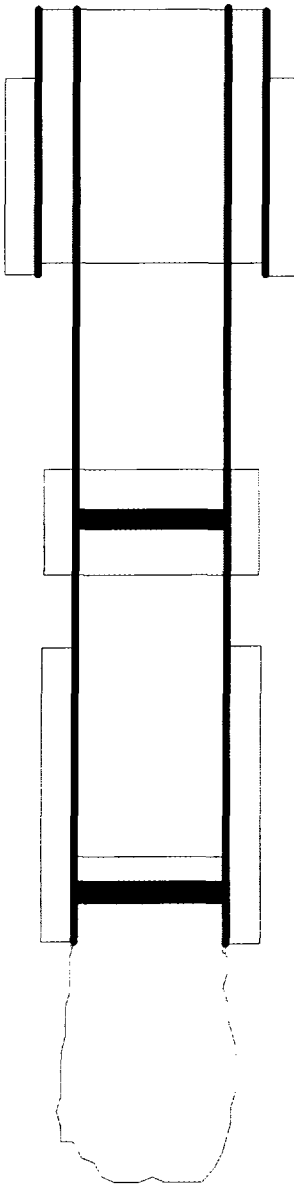
5 1/2" CASING SET W/75 SXS. TOC @ UNKNOWN

OPEN HOLE COMPLETION: 1855' - 1932'

TD @ 1932'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: TURNER "A" #23			FIELD: GRAYBURG-JACKSON			
LOCATION: 660'FNL & 660'FEL, SEC 19-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK; KB=UNK; DF=3670'			SPUD DATE: 11/23/48		COMP DATE: 02/08/49	
API#: 30-015-05248		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 512'	8 5/8"	24#			
CASING:	0' - 1880'	5 1/2"	17#			
CASING:						
TUBING:						
TUBING:						



OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 10/02/86

CEMENT PLUG: 0' - 500'
 PERFORATE 5 1/2" CASING @ 500'
 8 5/8" CASING, SET W/25 SXS. TOC @ UNKNOWN

CEMENT PLUG: 1020' - 1150'
 CEMENT RETAINER @ 1060'
 PERFORATE 5 1/2" CASING @ 1150'

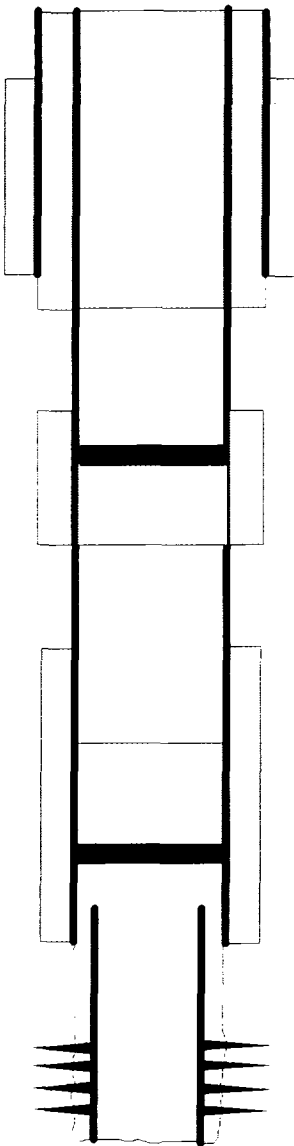
CEMENT PLUG: 1740' - 1967'
 CEMENT RETAINER @ 1770'
 5 1/2" CASING SET W/100 SXS. TOC @ UNKNOWN

OPEN HOLE COMPLETION: 1880' - 1967'

TD @ 1967'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: TURNER "A" #25			FIELD: GRAYBURG-JACKSON			
LOCATION: 990'FNL & 2310'FEL, SEC 19-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK; KB=UNK; DF=3642'			SPUD DATE: 10/24/52		COMP DATE: 12/08/52	
API#: 30-015-05276		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 508'	8 5/8"	28#			10"
CASING:	0' - 1848'	7"	23#			8"
CASING:	1840' - 1915'	5 1/2"	14#			6"
TUBING:						
TUBING:						



CURRENT
 PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 08/07/94

CEMENT PLUG: 0' - 548'

8 5/8" CASING, SET W/50 SXS. TOC @ UNKNOWN
 PERFORATE 7" CASING @ 548'

CEMENT RETAINER @ 850', PUMP 125 SXS BELOW RETAINER.
 PERFORATE 7" CASING @ 1175' & 1250'

CIBP @ 1817', CAP WITH 25 SXS.

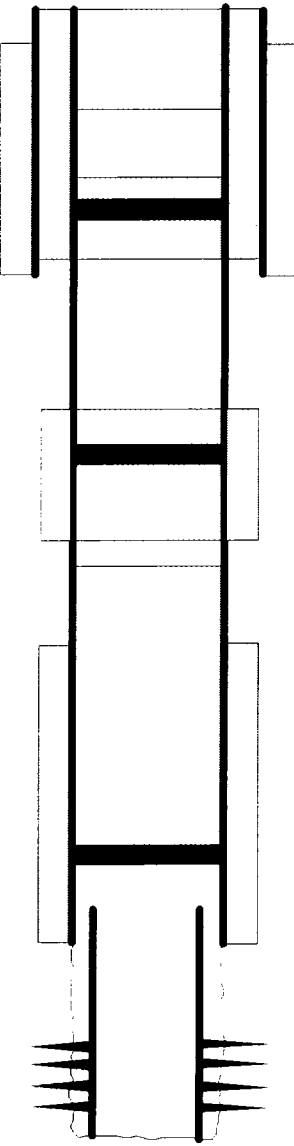
7" CASING SET W/100 SXS. TOC @ UNKNOWN

PERFORATIONS: 1872' - 1915' (W/140 QTS NITRO)

5 1/2" LINER LANDED (NOT CEMENTED)
 TD @ 1915'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: TURNER "A" #26			FIELD: GRAYBURG-JACKSON			
LOCATION: 660'FNL & 660'FWL, SEC 19-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK; KB=3730'			SPUD DATE: 02/15/53		COMP DATE: 03/16/53	
API#: 30-015-05277		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 540'	8 5/8"	28#			10"
CASING:	0' - 1907'	7"	20,23#			8"
CASING:	1898' - 1971'	5 1/2"	14#			6"
TUBING:						
TUBING:						



CURRENT
 PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 08/15/86

CEMENT PLUG: 0' - 275'
 CEMENT RETAINER @ 456', PUMP 125 SXS BELOW & CAP W/25' CMT.
 PERFORATE 7" CASING @ 535'
 8 5/8" CASING, SET W/50 SXS. TOC @ UNKNOWN

CEMENT RETAINER @ 1266', PUMP 150 SXS BELOW & CAP W/50' CMT.
 PERFORATE 7" CASING @ 1350'

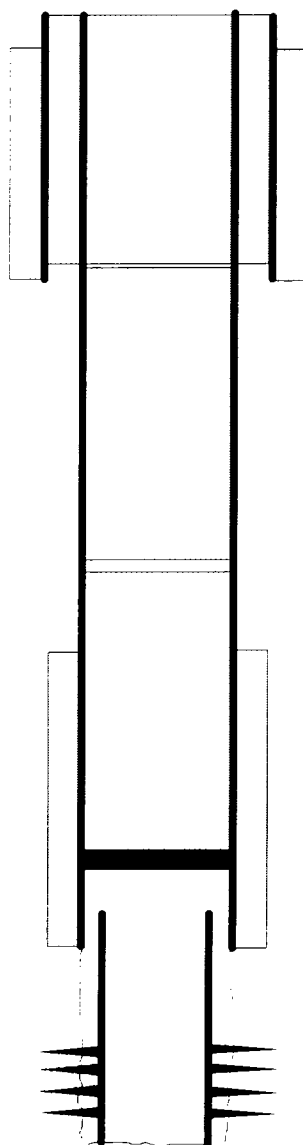
CIBP @ 1871', CAP WITH 110 SXS.
 7" CASING SET W/100 SXS. TOC @ UNKNOWN

PERFORATIONS: 1930' - 1971' (W/175 QTS NITRO)
 5 1/2" LINER LANDED (NOT CEMENTED)
 TD @ 1971'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #27			FIELD: GRAYBURG-JACKSON			
LOCATION: 330'FSL & 1398'FWL, SEC 18-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=3743'; KB=UNK			SPUD DATE: 03/18/53		COMP DATE: 04/13/53	
API#: 30-015-05223		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 580'	8 5/8"	28#			10"
CASING:	0' - 1930'	7"	20#			8"
CASING:	1925' - 1997'	5 1/2"	14#			6"
TUBING:						
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 07/02/86

CEMENT PLUG: 0' - 560'

PERFORATE 7" CASING @ 560'
8 5/8" CASING, SET W/50 SXS. TOC @ UNKNOWN

CEMENT PLUG: 560' - 1350'

PERFORATE 7" CASING @ 1350'

CIBP @ 1900', CAP WITH 115 SXS. TOC @ +/-1350'

7" CASING SET W/100 SXS. TOC @ UNKNOWN

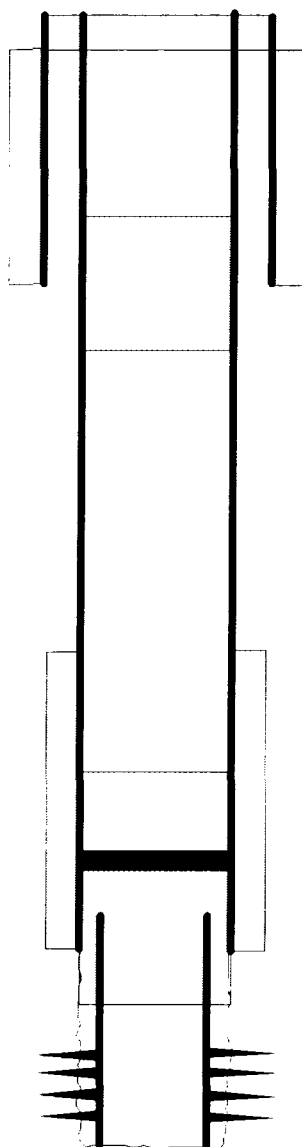
PERFORATIONS: 1956' - 1997'

5 1/2" LINER LANDED (NOT CEMENTED)
TD @ 1997'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #28			FIELD: GRAYBURG-JACKSON			
LOCATION: 330'FSL & 2310'FEL, SEC 18-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=3691'; KB=UNK			SPUD DATE: 04/16/53		COMP DATE: 05/11/53	
API#: 30-015-05225		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 530'	9 5/8"	25#			12 1/2"
CASING:	0' - 1882'	7"	20#			9"
CASING:	1873' - 1949'	5 1/2"	14#			6"
TUBING:						
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

DATE PLUGGED: 03/02/85

CEMENT PLUG: 0' - 50'

CEMENT PLUG: 400' - 600'

9 5/8" CASING, SET W/50 SXS. TOC @ UNKNOWN

CEMENT RETAINER @ 1850', PUMP 160 SXS BELOW & CAP W/200' CMT.

7" CASING SET W/100 SXS. TOC @ UNKNOWN

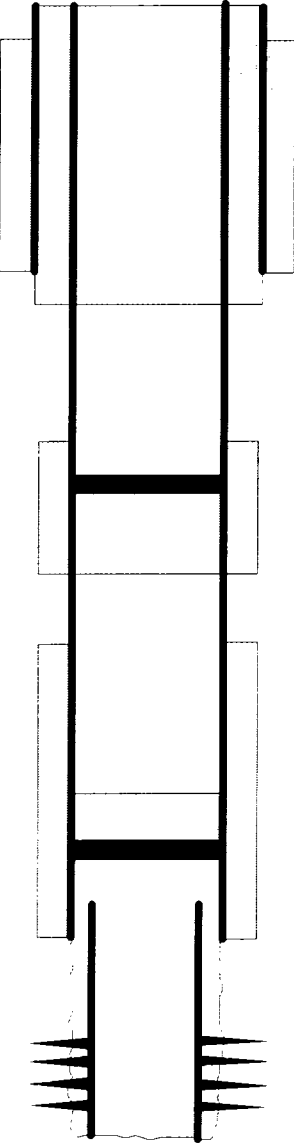
PERFORATIONS: 1907' - 1949'

5 1/2" LINER LANDED (NOT CEMENTED)

TD @ 1949'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: TURNER "A" #29			FIELD: GRAYBURG-JACKSON			
LOCATION: 705'FSL & 660'FEL, SEC 18-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=3694'; KB=UNK			SPUD DATE: 05/04/53		COMP DATE: 06/04/53	
API#: 30-015-05226		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 556'	9 5/8"	25#			12 1/2"
CASING:	0' - 1910'	7"	20#			9"
CASING:	1899' - 1977'	5 1/2"	14#			6"
TUBING:						
TUBING:						



The diagram is a vertical cross-section of a wellbore. It shows several sections of casing and tubing. The top section is labeled 'CURRENT' and 'PROPOSED'. Below this, there are sections of 9 5/8" casing, 7" casing, and 5 1/2" liner. The diagram includes depth markers and labels for various wellbore features such as cement plugs, retainers, and perforations.

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 08/25/94

CEMENT PLUG: 0' - 580'

9 5/8" CASING, SET W/50 SXS. TOC @ UNKNOWN

CEMENT RETAINER @ 1191', PUMP 100 SXS BELOW RETAINER.

PERFORATE 7" CASING @ 1250' & 1300'

CIBP @ 1850', CAP WITH 8 SXS.

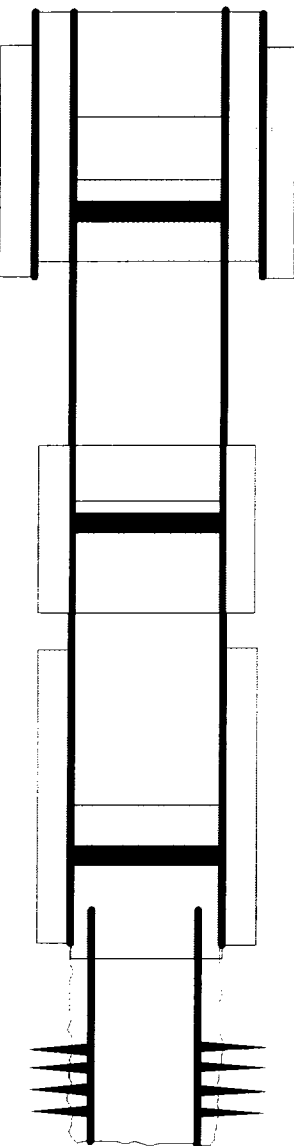
7" CASING SET W/100 SXS. TOC @ UNKNOWN

PERFORATIONS: 1932' - 1977' (W/253 QTS NITRO)

5 1/2" LINER LANDED (NOT CEMENTED)
 TD @ 1977'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: TURNER "A" #31			FIELD: GRAYBURG-JACKSON			
LOCATION: 560'FSL & 660'FWL, SEC 18-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=3760'; KB=UNK			SPUD DATE: 06/07/53		COMP DATE: 07/08/53	
API#: 30-015-05229		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 578'	9 5/8"	25#			12 1/2"
CASING:	0' - 1938'	7"	20#			9"
CASING:	1925' - 1999'	5 1/2"	14#			6"
TUBING:						
TUBING:						



OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 09/16/81

CEMENT PLUG: 0' - 285'
 CEMENT RETAINER @ 468', PUMP 300 SXS BELOW & CAP W/50' CMT.
 PERFORATE 7" CASING @ 520'
 9 5/8" CASING, SET W/50 SXS. TOC @ UNKNOWN

CEMENT PLUG: 1350' - 1450'
 CEMENT RETAINER @ 1488', PUMP 360 SXS BELOW RETAINER.
 PERFORATE 7" CASING @ 1530'

CEMENT RETAINER @ 1884', PUMP 100 SXS BELOW & CAP W/55' CMT.
 7" CASING SET W/100 SXS. TOC @ UNKNOWN

PERFORATIONS: 1954' - 1999' (W/270 QTS NITRO)
 5 1/2" LINER LANDED (NOT CEMENTED)
 TD @ 1999'

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "A" #37		FIELD: GRAYBURG-JACKSON	
LOCATION: 1980'FSL & 660'FWL, SEC 18-T17S-R31E		COUNTY: EDDY	STATE: NM
ELEVATION: GL=3758'; KB=UNK		SPUD DATE: 05/16/68	COMP DATE: 07/11/68
API#: 30-015-20142	PREPARED BY: C.H. CARLETON		DATE: 04/23/96

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 403'	13 3/8"	48#			17 1/2"
CASING:	0' - 2900'	8 5/8"	24,32#			11"
CASING:						
TUBING:						
TUBING:						

CURRENT

PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 07/11/69 (DRY & ABANDONED)

CEMENT PLUG: 0'- 20'

13 3/8" CASING, SET W/400 SXS. TOC @ SURFACE

8 5/8" CASING SET W/2000 SXS. TOC @ SURFACE

OPEN HOLE: 2900'- 9800'

CEMENT PLUG: 3850'- 3950'

CEMENT PLUG: 5500'- 5600'

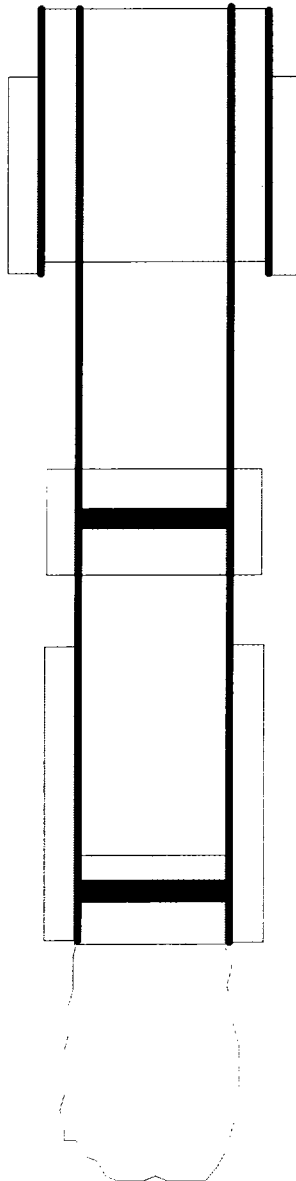
CEMENT PLUG: 7000'- 7100'

TD @ 9800'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "B" #15			FIELD: GRAYBURG-JACKSON			
LOCATION: 1980'FNL & 660'FWL, SEC 20-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3625'; KB=UNK; DF=UNK			SPUD DATE: 08/31/44		COMP DATE: 11/04/44	
API#: 30-015-05287		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 510'	8 1/4"				10"
CASING:	0' - 1875'	7"	20#			8"
CASING:						
TUBING:						
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 10/10/86

CEMENT PLUG: 0' - 500'
PERFORATE 7" CASING @ 500'
8 1/4" CASING, SET W/50 SXS. TOC @ UNKNOWN

CEMENT RETAINER @ 1244', PUMP 150 SXS BELOW & CAP W/20' CMT.
PERFORATE 7" CASING @ 1300'

CEMENT RETAINER @ 1801', PUMP 150 SXS BELOW & CAP W/60' CMT.
7" CASING SET W/100 SXS. TOC @ UNKNOWN

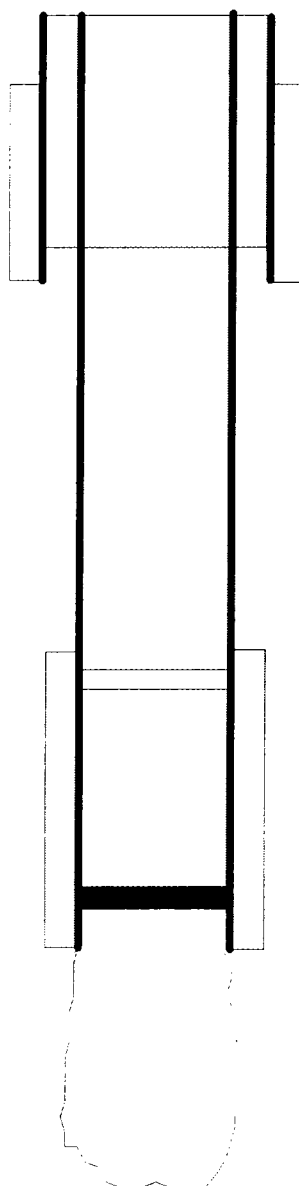
OPEN HOLE COMPLETION: 1875' - 1949'

TD @ 1949'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION
WELLBORE SCHEMATIC

WELL NAME: TURNER "B" #16			FIELD: GRAYBURG-JACKSON			
LOCATION: 1980'FNL & 1980'FWL, SEC 20-T17S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3713'; KB=UNK			SPUD DATE: 11/02/44		COMP DATE: 12/31/44	
API#: 30-015-05288		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 536'	8 5/8"	24#			10"
CASING:	0' - 1876'	7"	20#			8"
CASING:						
TUBING:						
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION

DATE PLUGGED: 07/03/86

CEMENT PLUG: 0'- 530'

PERFORATE 7" CASING @ 530'

8 5/8" CASING, SET W/50 SXS. TOC @ UNKNOWN

CEMENT PLUG: 530'- 1450'

CIBP @ 1850', CAP WITH 115 SXS.

7" CASING SET W/100 SXS. TOC @ UNKNOWN

OPEN HOLE COMPLETION: 1876'- 1974'

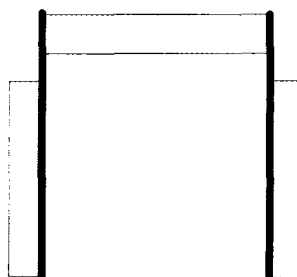
TD @ 1974'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "B" #26	FIELD: GRAYBURG-JACKSON
LOCATION: 1650'FSL & 330'FWL, SEC 20-T17S-R31E	COUNTY: EDDY STATE: NM
ELEVATION: GL=3615'; KB=UNK	SPUD DATE: 10/15/47 COMP DATE: 01/02/48
API#: 30-015-05294	PREPARED BY: C.H. CARLETON DATE: 04/23/96

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 536'	7"	20#			
CASING:	706' - 1932'	5 1/2"	14#			
CASING:						
TUBING:						
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 03/13/76

CEMENT PLUG: 0' - 50'

7" CASING, SET W/50 SXS. TOC @ UNKNOWN

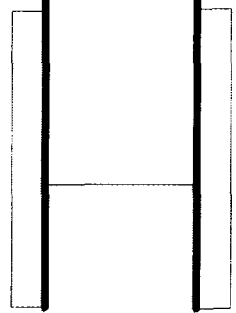
CEMENT PLUG: 615' - 785'

CUT 5 1/2" CASING @ 706'



CEMENT PLUG: 1850' - 1950'

5 1/2" CASING SET W/100 SXS. TOC @ UNKNOWN



OPEN HOLE COMPLETION: 1932' - 2010'

TD @ 2010'

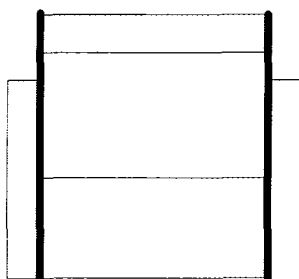


VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER "B" #28	FIELD: GRAYBURG-JACKSON	
LOCATION: 2310'FSL & 330'FWL, SEC 20-T17S-R31E	COUNTY: EDDY	STATE: NM
ELEVATION: GL=3617'; KB=UNK	SPUD DATE: 04/22/48	COMP DATE: 06/08/48
API#: 30-015-05296	PREPARED BY: C.H. CARLETON	DATE: 04/23/96

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 511'	7"	20#			
CASING:	700' - 1873'	5 1/2"	14#			
CASING:						
TUBING:						
TUBING:						



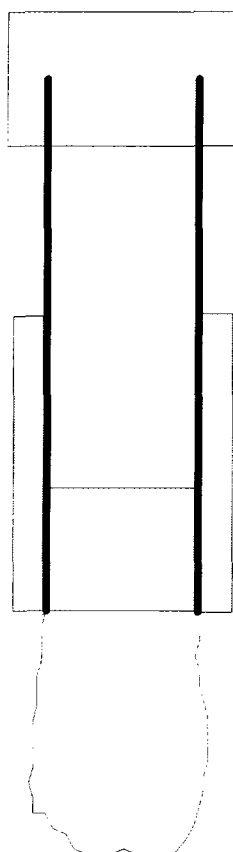
CURRENT



PROPOSED

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 03/08/76

CEMENT PLUG: 0' - 50'
CEMENT PLUG: 450' - 511'
7" CASING, SET W/50 SXS. TOC @ UNKNOWN



CEMENT PLUG: 650' - 800'
CUT 5 1/2" CASING @ 700'

CEMENT PLUG: 1665' - 1873'

5 1/2" CASING SET W/100 SXS. TOC @ UNKNOWN

OPEN HOLE COMPLETION: 1873' - 1949'

TD @ 1949'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: TURNER "B" #29			FIELD: GRAYBURG-JACKSON			
LOCATION: 660'FNL & 660'FWL, SEC 20-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK; KB=UNK; DF=UNK			SPUD DATE: 11/30/48		COMP DATE: 02/08/49	
API#: 30-015-05297		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 525'	8 5/8"	24#			
CASING:	0' - 1890'	5 1/2"	14#			
CASING:						
TUBING:						
TUBING:						

OPERATOR: DEVON ENERGY OPERATING CORPORATION
DATE PLUGGED: 08/25/94

CEMENT PLUG: 0' - 450'

8 5/8" CASING, SET W/50 SXS. TOC @ UNKNOWN

CEMENT RETAINER @ 1191', PUMP 100 SXS BELOW RETAINER.
 PERFORATE 5 1/2" CASING @ 1250' & 1300'

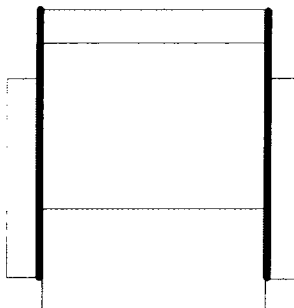
CIBP @ 1850', CAP WITH 8 SXS.
 5 1/2" CASING SET W/100 SXS. TOC @ UNKNOWN

OPEN HOLE COMPLETION: 1890' - 1972'

TD @ 1972'

VI Wellbore Schematic of Plugged Wells:

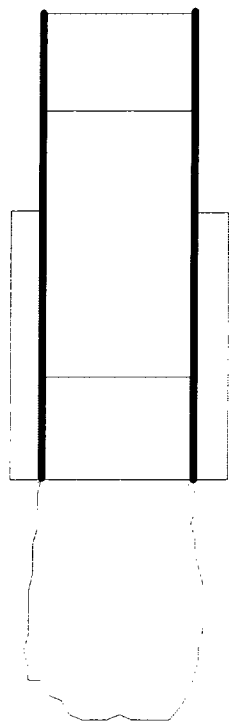
DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: FOSTER FEDERAL #8			FIELD: GRAYBURG-JACKSON			
LOCATION: 2342'FNL & 1682'FWL, SEC 17-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK; KB=UNK; DF=3721'			SPUD DATE: 05/15/54		COMP DATE: 07/03/54	
API#: 30-015-05207		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 517'	7"	20#			
CASING:	1100' - 1966'	5 1/2"	14#			
CASING:						
TUBING:						
TUBING:						



CURRENT
 PROPOSED

OPERATOR: WEIER DRILLING COMPANY
DATE PLUGGED: 06/16/60

CEMENT PLUG: 0' - 10'
 CEMENT PLUG: 350' - 550'
 7" CASING, SET W/50 SXS. TOC @ UNKNOWN



CUT 5 1/2" CASING @ 1100'
 CEMENT PLUG: 1106' - 1200'

CEMENT PLUG: 1900' - 1966'

5 1/2" CASING SET W/100 SXS. TOC @ UNKNOWN

OPEN HOLE COMPLETION: 1966' - 2081'

TD @ 2081'

VI Wellbore Schematic of Plugged Wells:

DEVON ENERGY OPERATING CORPORATION WELLBORE SCHEMATIC						
WELL NAME: FOSTER-EDDY FEDERAL #4			FIELD: GRAYBURG-JACKSON			
LOCATION: 660'FNL & 1980'FWL, SEC 17-T17S-R31E			COUNTY: EDDY		STATE: NM	
ELEVATION: GL=UNK; KB=UNK; DF=3710'			SPUD DATE: 08/22/43		COMP DATE: 01/11/44	
API#: 30-015-05195		PREPARED BY: C.H. CARLETON			DATE: 04/23/96	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 525'	8 5/8"	28#			
CASING:	0' - 2908'	7"	24#			
CASING:						
TUBING:						
TUBING:						

OPERATOR: ORYX ENERGY COMPANY
DATE PLUGGED: 09/11/82

CEMENT PLUG: 0' - 80'
 CEMENT RETAINER @ 310', PUMP 100 SXS BELOW RETAINER.
 8 5/8" CASING, SET W/50 SXS. TOC @ UNKNOWN
 PERFORATE 7" CASING @ 550' - 551'

CEMENT RETAINER @ 1018', PUMP 100 SXS BELOW & CAP W/10 SXS.
 PERFORATE 7" CASING @ 1350' - 1351'

CIBP @ 2850', CAP WITH 7 SXS.
 BAKER "AD-1" PACKER @ 2869'
 7" CASING SET W/100 SXS. TOC @ UNKNOWN

OPEN HOLE COMPLETION: 2908' - 3505'

TD @ 3505'

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

VII Proposed Operation Data:

- (1) Average daily injection rates - 500 BWPD
Maximum daily injection rates - 600 BWPD
- (2) Type of injection system - closed system
- (3) Average injection pressure - 2000 psig
Maximum injection pressures - 2500 psig
- (4) Injection water will be reinjected produced water, plus makeup water from the Keel West fresh water system.
- (5) N/A

VIII Geological Data:

The proposed injection zone is in the Grayburg/San Andres formation from 2700'-3950'. The Grayburg formation consists primarily of quartz sand with cementation. The San Andres formation consists primarily of dolomite with intermingled stringers of quartz sand with dolomite cementation.

Surface formation is Cretaceous and has no known source of drinking water. Additionally, there are no known underground sources of drinking water overlying or underlying the proposed injection interval.

IX Stimulation Program:

The proposed injection interval will be acidized with 15% NEFE acid prior to initial injection.

X Well Logs:

Copies of current well logs are on file with Oil Conservation Department.

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

XI Chemical Analysis of Fresh Water:

There are no known producing fresh water wells within one mile of a proposed injection well.

XII Affirmative Statement of Open Faults:

Upon examination of the available geologic and engineering data, no evidence of open faults or any other hydraulic connection between the disposal zone and any underground source of drinking water was found.

XIII "Proof of Notice" and "Proof of Publication":

The Bureau of Land Management is the surface owner. They have been notified by letter with a copy of our application.

Devon Energy Operating Corporation operates the Grayburg-Jackson Unit in sections 7, 18 & 19-T17S-R31E. Offset operators in the "area of review" are as follows:

- | | |
|---|--|
| (1) Burnett Oil Company, Inc.
801 Cherry Street, Suite 1500
Ft. Worth, TX 76102 | (2) Mack Energy Corporation
P.O. Box 1359
Artesia, NM 88221-1359 |
| (3) Marbob Energy Corporation
Drawer 217
Artesia, NM 88210 | (4) Oryx Energy Company
P.O. Box 2880
Dallas, TX 75221-2880 |
| (5) Trinity University & Closuit
P.O. Box 6A
Loco Hills, NM 88255 | |

Each of these operators were provided a letter by certified mail. Proof of notice is attached.

"Proof of Publication" from the Carlsbad Current-Argus is attached.



ENERGY CORPORATION

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

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

April 2, 1996

Certified Mail Z 253 342 884

Burnett Oil Company, Inc.
801 Cherry Street, Suite 1500
Ft. Worth, TX 76102

RE: Devon Energy Corporation
Grayburg-Jackson Waterflood Project
Russell/Turner Area - Phase 1
Sections 7, 18, & 19 - T17S - R31E
Eddy County, NM

Gentlemen:

Please consider this letter as official notification that Devon Energy Corporation is in the process of filing applications to convert fifteen (15) wells to water injection wells in the above referenced sections. Our records indicate that you are an offset operator. As an offset operator you must be notified by Devon and you must file any objections or requests for hearings of administrative applications with the Oil Conservation Division of New Mexico within fifteen (15) days of receiving this notification.

Please direct any questions regarding this matter to the undersigned at 405/552-4560.

Sincerely,
Devon Energy Corporation

Randy Jackson
District Engineer

/chc

xc: Well File

Is your RETURN ADDRESS completed on the reverse side?	SENDER: <ul style="list-style-type: none">• Complete items 1 and/or 2 for additional services.• Complete items 3, and 4a & b.• Print your name and address on the reverse of this form so that we can return this card to you.• Attach this form to the front of the mailpiece, or on the back if space does not permit.• Write "Return Receipt Requested" on the mailpiece below the article number.• The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
	3. Article Addressed to: BURNETT OIL COMPANY, INC 801 CHERRY ST., SUITE 1500 FT. WORTH, TX 76102		4a. Article Number Z 253 342 884	
			4b. Service Type <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
	5. Signature (Addressee)		7. Date of Delivery APR 04 1996	
	6. Signature (Agent) 		8. Addressee's Address (Only if requested and fee is paid)	

PS Form 3811, December 1991 ★U.S. GPO: 1993-362-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

devon

ENERGY CORPORATION

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

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

April 2, 1996

Certified Mail Z 253 342 885

Mack Energy Corporation
P.O. Box 1359
Artesia, NM 88221-1359

RE: Devon Energy Corporation
Grayburg-Jackson Waterflood Project
Russell/Turner Area - Phase 1
Sections 7, 18, & 19 - T17S - R31E
Eddy County, NM

Gentlemen:

Please consider this letter as official notification that Devon Energy Corporation is in the process of filing applications to convert fifteen (15) wells to water injection wells in the above referenced sections. Our records indicate that you are an offset operator. As an offset operator you must be notified by Devon and you must file any objections or requests for hearings of administrative applications with the Oil Conservation Division of New Mexico within fifteen (15) days of receiving this notification.

Please direct any questions regarding this matter to the undersigned at 405/552-4560.

Sincerely,
Devon Energy Corporation

Randy Jackson

Randy Jackson
District Engineer

/chc

xc: Well File

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

MACK ENERGY CORPORATION
P.O. BOX 1359
ARTESIA, NM 88221-1359

4a. Article Number

Z 253 342 885

4b. Service Type

- | | |
|---|---|
| <input type="checkbox"/> Registered | <input type="checkbox"/> Insured |
| <input checked="" type="checkbox"/> Certified | <input type="checkbox"/> COD |
| <input type="checkbox"/> Express Mail | <input type="checkbox"/> Return Receipt for Merchandise |

7. Date of Delivery

4-8-96

5. Signature (Addressee)

Staci Sanders

6. Signature (Agent)

Staci Sanders

8. Addressee's Address (Only if requested and fee is paid)

devon

ENERGY CORPORATION

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

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

April 2, 1996

Certified Mail Z 731 677 043

Marbob Energy Corporation
Drawer 217
Artesia, NM 88210

RE: Devon Energy Corporation
Grayburg-Jackson Waterflood Project
Russell/Turner Area - Phase 1
Sections 7, 18, & 19 - T17S - R31E
Eddy County, NM

Gentlemen:

Please consider this letter as official notification that Devon Energy Corporation is in the process of filing applications to convert fifteen (15) wells to water injection wells in the above referenced sections. Our records indicate that you are an offset operator. As an offset operator you must be notified by Devon and you must file any objections or requests for hearings of administrative applications with the Oil Conservation Division of New Mexico within fifteen (15) days of receiving this notification.

Please direct any questions regarding this matter to the undersigned at 405/552-4560.

Sincerely,
Devon Energy Corporation

Randy Jackson

Randy Jackson
District Engineer

/chc

xc: Well File

Is your RETURN ADDRESS completed on the reverse side?	SENDER:		I also wish to receive the following services (for an extra fee):	
	<ul style="list-style-type: none"> • Complete items 1 and/or 2 for additional services. • Complete items 3, and 4a & b. • Print your name and address on the reverse of this form so that we can return this card to you. • Attach this form to the front of the mailpiece, or on the back if space does not permit. • Write "Return Receipt Requested" on the mailpiece below the article number. • The Return Receipt will show to whom the article was delivered and the date delivered. 		1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
	3. Article Addressed to:		4a. Article Number	
	MARBOB ENERGY CORPORATION DRAWER 217 ARTESIA, NM 88210 P.O. BOX 227		Z 731 677 043	
	4b. Service Type		<input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
5. Signature (Addressee)		7. Date of Delivery		Thank you for using Return Receipt Service.
6. Signature (Agent)		8. Addressee's Address (Only if requested and fee is paid)		
MISTY McLurg		4-8-96		
Misty McLurg				
PS Form 3811, December 1991 *U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT				

devon
ENERGY CORPORATION

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

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

April 2, 1996

Certified Mail Z 731 677 044

Oryx Energy Company
P.O. Box 2880
Dallas, TX 75221-2880

RE: Devon Energy Corporation
Grayburg-Jackson Waterflood Project
Russell/Turner Area - Phase 1
Sections 7, 18, & 19 - T17S - R31E
Eddy County, NM

Gentlemen:

Please consider this letter as official notification that Devon Energy Corporation is in the process of filing applications to convert fifteen (15) wells to water injection wells in the above referenced sections. Our records indicate that you are an offset operator. As an offset operator you must be notified by Devon and you must file any objections or requests for hearings of administrative applications with the Oil Conservation Division of New Mexico within fifteen (15) days of receiving this notification.

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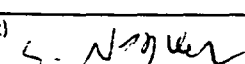
Sincerely,
Devon Energy Corporation



Randy Jackson
District Engineer

/chc

xc: Well File

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3. Article Addressed to: ORYX ENERGY COMPANY P.O. BOX 2880 DALLAS, TX 75221-2880		4a. Article Number Z 731 677 044	
5. Signature (Addressee)		4b. Service Type <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
6. Signature (Agent) 		7. Date of Delivery APR 5 1996	
8. Addressee's Address (Only if requested and fee)			

PS Form 3811, December 1991 ★U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

devon

ENERGY CORPORATION

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

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

April 2, 1996

Certified Mail Z 731 677 045

Trinity University & Closuit
P.O. Box 6A
Loco Hills, NM 88255

RE: Devon Energy Corporation
Grayburg-Jackson Waterflood Project
Russell/Turner Area - Phase 1
Sections 7, 18, & 19 - T17S - R31E
Eddy County, NM

Gentlemen:

Please consider this letter as official notification that Devon Energy Corporation is in the process of filing applications to convert fifteen (15) wells to water injection wells in the above referenced sections. Our records indicate that you are an offset operator. As an offset operator you must be notified by Devon and you must file any objections or requests for hearings of administrative applications with the Oil Conservation Division of New Mexico within fifteen (15) days of receiving this notification.

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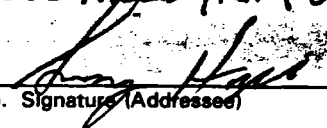
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Devon Energy Corporation



Randy Jackson
District Engineer

/chc

xc: Well File

Is your RETURN ADDRESS completed on the reverse side?	SENDER: <ul style="list-style-type: none"> • Complete items 1 and/or 2 for additional services. • Complete items 3, and 4a & b. • Print your name and address on the reverse of this form so that we can return this card to you. • Attach this form to the front of the mailpiece, or on the back if space does not permit. • Write "Return Receipt Requested" on the mailpiece below the article number. • The Return Receipt will show to whom the article was delivered and the date delivered. 		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
	3. Article Addressed to: TRINITY UNIVERSITY & CLOSUIT P.O. BOX 6A LOCO HILLS, NM 88255		4a. Article Number Z 731 677 045	
	5. Signature (Addressee) 		4b. Service Type <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
	6. Signature (Agent)		7. Date of Delivery 4-6-96	
		8. Addressee's Address (Only if requested and fee is paid)		Thank you for using Return Receipt Service.

PS Form 3811, December 1991 *U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

Affidavit of Publication

Nº 17913

State of New Mexico,
County of Eddy, ss.

Amy McKay,
being first duly sworn, on oath says:

That she is Business Manager
of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the state wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

April 3, 1996
_____, 19____
_____, 19____
_____, 19____
_____, 19____
_____, 19____

That the cost of publication is \$ 25.11,
and that payment thereof has been made and will
be assessed as court costs.

Amy McKay

Subscribed and sworn to before me this

4th day of April, 1996

Donna Crump

My commission expires 08/01/98
Notary Public

April 3, 1996

Notice is hereby given that Devon Energy Corporation (Nevada) is applying to the New Mexico Oil Conservation Division to convert fifteen (15) wells to injection wells for secondary recovery purposes in:

Section 7, 18, & 19 of
T17S - R31E,
Eddy County, NM

The intended purpose of these wells is to inject produced waters into the Grayburg/San Andres Formations to enhance oil production through secondary recovery. Maximum injection rates of 600 bwpd and a maximum pressure of 2500 psig are expected.

Interested parties must file objections or requests for hearing within 15 days to the following commission:

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

Randy Jackson
District Engineer
Devon Energy Corporation
(Nevada)
20 North Broadway,
Suite 1500
Oklahoma City, OK 73102
(405) 552-4560

John Brown
748 4219

devon

ENERGY CORPORATION

20 NORTH BROADWAY, SUITE 1500
OKLAHOMA CITY, OK 73102-8260
OFFICE (405) 735-7611

DATE: JUNE 17, 1996

TO: BEN STONE

COMPANY NEW MEXICO OIL CONSERVATION DIVISION

FAX PHONE: (505) 827-8177

OFFICE PHONE: _____

NUMBER OF PAGES TO FOLLOW: 3

FROM: SKIP CARLETON (405) 552-4528
DEVON ENERGY CORPORATION

WFX 687

MESSAGE: BEN - HERE'S A WELL LIST FOR THE PACKET I
SENT TO YOU IN MAY, HOPE IT HELPS YOU OUT.

WELL LISTING "AREA OF REVIEW"
GRAYBURG-JACKSON WATERFLOOD
RUSSELL/TURNER AREA - PHASE 1

WELL NAME	LOCATION	OPERATOR	STATUS	REMARKS
Fren Oil #1	19-T17S-R31E	Devon Energy Corp.	TA'd	
Fren Oil #3	19-T17S-R31E	Devon Energy Corp.	Active Oil	
Fren Oil #4	19-T17S-R31E	Devon Energy Corp.	P&A'd	
Fren Oil #6	19-T17S-R31E	Devon Energy Corp.	P&A'd	
Fren Oil #7	19-T17S-R31E	Devon Energy Corp.	Active Oil	
Fren Oil #8	19-T17S-R31E	Devon Energy Corp.	P&A'd	
Fren Oil #9	19-T17S-R31E	Devon Energy Corp.	P&A'd	
Fren Oil #10	19-T17S-R31E	Devon Energy Corp.	Active Oil	
Fren Oil #11	19-T17S-R31E	Devon Energy Corp.	Shutin Oil	
Fren Oil #16	19-T17S-R31E	Devon Energy Corp.	TA'd	
Fren Oil #18	19-T17S-R31E	Devon Energy Corp.	Active Oil	
Fren Oil #19	19-T17S-R31E	Devon Energy Corp.	Active Oil	
Fries Federal #1	19-T17S-R31E	Devon Energy Corp.	TA'd	
Fries Federal #2	19-T17S-R31E	Devon Energy Corp.	Shutin WIW	
Fries Federal #3	19-T17S-R31E	Devon Energy Corp.	Active Oil	
Hudson Federal #1	18-T17S-R31E	Devon Energy Corp.	P&A'd	Phase-1 Injector
Hudson Federal #2	18-T17S-R31E	Devon Energy Corp.	Active Oil	
Hudson Federal #3	17-T71S-R31E	Devon Energy Corp.	Active Oil	
Hudson Federal #4	17-T71S-R31E	Devon Energy Corp.	P&A'd	
Hudson Federal #5	17-T71S-R31E	Devon Energy Corp.	Active Oil	
Hudson Federal #6	18-T17S-R31E	Devon Energy Corp.	Active Oil	Phase-1 Injector
J.L. Keel "A" #3	7-T17S-R31E	Devon Energy Corp.	Active Oil	Phase-1 Injector
J.L. Keel "A" #4	7-T17S-R31E	Devon Energy Corp.	Active Oil	
J.L. Keel "A" #5	7-T17S-R31E	Devon Energy Corp.	P&A'd	
J.L. Keel "A" #6	7-T17S-R31E	Devon Energy Corp.	Active Oil	Phase-1 Injector
J.L. Keel "A" #8	7-T17S-R31E	Devon Energy Corp.	P&A'd	
J.L. Keel "A" #10	7-T17S-R31E	Devon Energy Corp.	Shutin WIW	
J.L. Keel "A" #11	7-T17S-R31E	Devon Energy Corp.	Active WIW	
J.L. Keel "A" #19	7-T17S-R31E	Devon Energy Corp.	D&A	
J.L. Keel "A" #19Y	7-T17S-R31E	Devon Energy Corp.	Active Oil	
J.L. Keel "A" #24	7-T17S-R31E	Devon Energy Corp.	Active Oil	
J.L. Keel "A" #25	7-T17S-R31E	Devon Energy Corp.	Active Oil	
J.L. Keel "A" #27	7-T17S-R31E	Devon Energy Corp.	Active Oil	
J.L. Keel "A" #28	7-T17S-R31E	Devon Energy Corp.	Active Oil	
J.L. Keel "A" #29	7-T17S-R31E	Devon Energy Corp.	Active Oil	
J.L. Keel "A" #30	7-T17S-R31E	Devon Energy Corp.	Active Oil	Phase-1 Injector
J.L. Keel "A" #32	7-T17S-R31E	Devon Energy Corp.	Active Oil	
J.L. Keel "A" #33	7-T17S-R31E	Devon Energy Corp.	Active Oil	
J.L. Keel "A" #34	7-T17S-R31E	Devon Energy Corp.	Active Oil	
J.L. Keel "B" #2	8-T17S-R31E	Devon Energy Corp.	Shutin WIW	
J.L. Keel "B" #3	8-T17S-R31E	Devon Energy Corp.	Shutin Oil	
J.L. Keel "B" #5	8-T17S-R31E	Devon Energy Corp.	Active Oil	
J.L. Keel "B" #9	8-T17S-R31E	Devon Energy Corp.	Active Oil	
J.L. Keel "B" #58	8-T17S-R31E	Devon Energy Corp.	Active Oil	
C.A. Russell #4	18-T17S-R31E	Devon Energy Corp.	Active Oil	
C.A. Russell #5	18-T17S-R31E	Devon Energy Corp.	Active Oil	
C.A. Russell #6	18-T17S-R31E	Devon Energy Corp.	Active Oil	Phase-1 Injector
C.A. Russell #7	18-T17S-R31E	Devon Energy Corp.	Active Oil	Phase-1 Injector
C.A. Russell #8	18-T17S-R31E	Devon Energy Corp.	Active Oil	Phase-1 Injector

WELL LISTING "AREA OF REVIEW"
GRAYBURG-JACKSON WATERFLOOD
RUSSELL/TURNER AREA - PHASE 1

WELL NAME	LOCATION	OPERATOR	STATUS	REMARKS
C.A. Russell #9	18-T17S-R31E	Devon Energy Corp.	Active Oil	Phase-1 Injector
C.A. Russell #10	18-T17S-R31E	Devon Energy Corp.	Shutin WIW	Phase-1 Injector
C.A. Russell #11	18-T17S-R31E	Devon Energy Corp.	Active Oil	Phase-1 Injector
Turner "A" #2	18-T17S-R31E	Devon Energy Corp.	Shutin WIW	
Turner "A" #3	18-T17S-R31E	Devon Energy Corp.	Active Oil	Phase-1 Injector
Turner "A" #4	18-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "A" #5	19-T17S-R31E	Devon Energy Corp.	Shutin WIW	
Turner "A" #6	18-T17S-R31E	Devon Energy Corp.	Shutin WIW	P&A then Re-drill as TA #56
Turner "A" #7	19-T17S-R31E	Devon Energy Corp.	P&A'd	Re-drill as TA #57
Turner "A" #8	18-T17S-R31E	Devon Energy Corp.	P&A'd	Re-drill as TA #58
Turner "A" #9	19-T17S-R31E	Devon Energy Corp.	Active WIW	Phase-1 Injector
Turner "A" #10	18-T17S-R31E	Devon Energy Corp.	Active WIW	Phase-1 Injector
Turner "A" #11	18-T17S-R31E	Devon Energy Corp.	Shutin WIW	Phase-1 Injector
Turner "A" #12	19-T17S-R31E	Devon Energy Corp.	Active Oil	Phase-1 Injector
Turner "A" #13	18-T17S-R31E	Devon Energy Corp.	Active Oil	Phase-1 Injector
Turner "A" #14	19-T17S-R31E	Devon Energy Corp.	Active Oil	
Turner "A" #15	19-T17S-R31E	Devon Energy Corp.	Shutin WIW	Phase-1 Injector
Turner "A" #16	19-T17S-R31E	Devon Energy Corp.	TA'd	
Turner "A" #17	19-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "A" #18	19-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "A" #19	19-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "A" #20	19-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "A" #21	19-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "A" #22	19-T17S-R31E	Devon Energy Corp.	TA'd	
Turner "A" #23	19-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "A" #24	19-T17S-R31E	Devon Energy Corp.	TA'd	
Turner "A" #25	19-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "A" #26	19-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "A" #27	18-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "A" #28	18-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "A" #29	18-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "A" #30	18-T17S-R31E	Devon Energy Corp.	Shutin Oil	
Turner "A" #31	18-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "A" #32	18-T17S-R31E	Devon Energy Corp.	TA'd	
Turner "A" #33	18-T17S-R31E	Devon Energy Corp.	TA'd	
Turner "A" #34	18-T17S-R31E	Devon Energy Corp.	TA'd	
Turner "A" #35	19-T17S-R31E	Devon Energy Corp.	Active WIW	Phase-1 Injector
Turner "A" #36	19-T17S-R31E	Devon Energy Corp.	Active Oil	Phase-1 Injector
Turner "A" #37	18-T17S-R31E	Devon Energy Corp.	D&A	
Turner "A" #56	18-T17S-R31E	Devon Energy Corp.	Re-drill (TA#6)	Phase-1 Injector
Turner "A" #57	19-T17S-R31E	Devon Energy Corp.	Re-drill (TA#7)	Phase-1 Injector
Turner "A" #58	18-T17S-R31E	Devon Energy Corp.	Re-drill (TA#8)	Phase-1 Injector
Turner "B" #2	17-T17S-R31E	Devon Energy Corp.	Active Oil	
Turner "B" #3	20-T17S-R31E	Devon Energy Corp.	Active WIW	
Turner "B" #5	17-T17S-R31E	Devon Energy Corp.	Active WIW	
Turner "B" #6	20-T17S-R31E	Devon Energy Corp.	Active Oil	
Turner "B" #12	20-T17S-R31E	Devon Energy Corp.	TA'd	
Turner "B" #15	20-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "B" #16	20-T17S-R31E	Devon Energy Corp.	P&A'd	

**WELL LISTING "AREA OF REVIEW"
GRAYBURG-JACKSON WATERFLOOD
RUSSELL/TURNER AREA - PHASE 1**

WELL NAME	LOCATION	OPERATOR	STATUS	REMARKS
Turner "B" #26	20-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "B" #28	20-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "B" #29	20-T17S-R31E	Devon Energy Corp.	P&A'd	
Turner "B" #37	17-T17S-R31E	Devon Energy Corp.	Shutin Oil	
Turner "B" #40	17-T17S-R31E	Devon Energy Corp.	Shutin Oil	
Turner "B" #41	20-T17S-R31E	Devon Energy Corp.	Active WIW	
Turner "B" #42	20-T17S-R31E	Devon Energy Corp.	Active Oil	
Turner "B" #67	20-T17S-R31E	Devon Energy Corp.	Active WIW	
Turner "B" #95	20-T17S-R31E	Devon Energy Corp.	Active Oil	
Turner "B" #101	20-T17S-R31E	Devon Energy Corp.	Active Oil	
Turner "B" #104	17-T17S-R31E	Devon Energy Corp.	Active Oil	
Foster Federal #8	17-T17S-R31E	Weiler Drilling Company	P&A'd	
Foster-Eddy Federal #4	17-T17S-R31E	Oryx Energy Company	P&A'd	
Foster-Eddy Federal #8	17-T17S-R31E	Marbob Energy Corp.	Active Oil	
Foster-Eddy Federal #10	17-T17S-R31E	Marbob Energy Corp.	Active Oil	
Grybrg-Jcksn SA Ut #1	24-T17S-R30E	Burnett Oil Company	Shutin Oil	
Grybrg-Jcksn SA Ut #3	24-T17S-R30E	Burnett Oil Company	Active Oil	
Grybrg-Jcksn SA Ut #11	24-T17S-R30E	Burnett Oil Company	Active WIW	
Grybrg-Jcksn SA Ut #15	13-T17S-R30E	Burnett Oil Company	Shutin Oil	
Grybrg-Jcksn SA Ut #16	13-T17S-R30E	Burnett Oil Company	Active Oil	
Grybrg-Jcksn SA Ut #28	13-T17S-R30E	Burnett Oil Company	Shutin Oil	
Grybrg-Jcksn SA Ut #30	13-T17S-R30E	Burnett Oil Company	Active Oil	
Grybrg-Jcksn SA Ut #35	12-T17S-R30E	Burnett Oil Company	Shutin Oil	
Grybrg-Jcksn SA Ut #36	12-T17S-R30E	Burnett Oil Company	Active Oil	
State #1	19-T17S-R31E	Mack Energy Corp.	Shutin Oil	
State #2	19-T17S-R31E	Mack Energy Corp.	Active Oil	
State #3	19-T17S-R31E	Mack Energy Corp.	Active Oil	
Superior Federal #2	17-T17S-R31E	Trinity Univ. & Closuit	Active Oil	