12/18/06 DATE IN	1/2/07 SUSPENSE	DAVID CATANACH ENGINEER	12/27/06 LOGGED IN	WFX TYPE	APP NO. pTDS0636152552

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505

827

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☒ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

RECD 12/18/06

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name	Signature	Title	Date

e-mail Address

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: X Secondary Recovery ____ Pressure Maintenance ____ Disposal ____ Storage
Application qualifies for administrative approval? X Yes ____ No

II. OPERATOR: MARBOB ENERGY CORPORATION

ADDRESS: P O BOX 227, ARTESIA, NM 88211-0227

CONTACT PARTY: ____ PHONE: 505-748-3303

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 ~~X~~ No
If yes, give the Division order number authorizing the project: R-12255

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:

DEC 18 2006

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

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 geologic data on the injection zone including appropriate lithologic detail, geologic 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 sources 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 sources 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: BRIAN COLLINS TITLE: ENGINEER

SIGNATURE: Brian Collins DATE: 08/12/06

E-MAIL ADDRESS: engineering@marbob.com

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: ____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

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 the 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, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, 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.

Marbob Energy Corporation

C-108 Application for Authorization to Inject

1. Dodd Federal Unit 22 (Formerly M. Dodd B-52)
   A-15-17S-29E, Eddy County
2. Dodd Federal Unit 23 (Formerly M. Dodd B-61)
   D-14-17S-29E, Eddy County
3. Dodd Federal Unit 25 (Formerly M. Dodd B-54)
   D-14-17S-29E, Eddy County
4. Dodd Federal Unit 27 (Formerly M. Dodd B-6)
   C-14-17S-29E, Eddy County
5. Dodd Federal Unit 36 (Formerly M. Dodd B-50)
   F-14-17S-29E, Eddy County
6. Dodd Federal Unit 37 (Formerly M. Dodd B-46)
   E-14-17S-29E, Eddy County
7. Dodd Federal Unit 43 (Formerly M. Dodd A-39, Little Wing Federal 1)
   L-14-17S-29E, Eddy County

III. Well data is attached

V. Map is attached

VI. Wellbore schematics of all wells penetrating the proposed injection zone within the 1/2 mile radius area of review are attached. All wells have cement coverage across the injection zone.

VII.

WELL	DFU 22	DFU 23	DFU 25	DFU 27	DFU 36	DFU 37	DFU 43
Avg. Inj. Rate	2000 bpd	2000 bpd	2000 bpd	2000 bpd	2000 bpd	2000 bpd	2000 bpd
Max Inj. Rate	5000 bpd	5000 bpd	5000 bpd	5000 bpd	5000 bpd	5000 bpd	5000 bpd
Max Inj. Pressure	818 psi	833 psi	817 psi	815 psi	828 psi	812 psi	832 psi

1. Will be a closed system.

2. Maximum injection pressure calculated by multiplying depth to top perforations by 0.2 psi/ft.

3. Source of injected water will be San Andres and Yeso produced water. The San Andres and Yeso waters are produced together and injected into water disposal wells together in this area with no compatibility problems.

4. Injection zone formation water is essentially the same as the injection water.

VIII. The injection zone is the Yeso formation composed of dolomite. Any underground sources of fresh water will be shallower that 460 feet.

WELL	DFU 22	DFU 23	DFU 25	DFU 27	DFU 36	DFU 37	DFU 43
Inj. Interval	4092-4315'	4166-4301'	4084-4301'	4074-4307'	4141-4263'	4062-4310'	4162-4360'

IX. No stimulation program is planned.

X. Well logs have been filed with the Division.

XI. There is one fresh water livestock well near the one mile radius of the Dodd Federal Unit 37. The livestock well is in the NW/4NW/4 Section 22-T17S-R29E and a water analysis is attached.

XII. After examining the available geologic and engineering data, no evidence was found of open faults or any other hydrologic connection between the injection zone and any underground sources of drinking water.

XIII. Proof of Notice is attached.

III.

WELL DATA

Proposed Injection Wells

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Marbob Energy Corp

WELL NAME & NUMBER: Dodd Federal Unit 22

WELL LOCATION: 1225' FNL, 225' FEL | A | 15 | 17s | 29e

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

Attached

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 337'

Cemented with: 250 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4560'

Cemented with: 2450 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4580'

Injection Interval

4092' feet to 4315'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 7/8" Lining Material: Plastic

Type of Packer: 10K double grip nickel plated retrievable

Packer Setting Depth: 4050'±

Other Type of Tubing/Casing Seal (if applicable): N/A

Additional Data

1. Is this a new well drilled for injection? ____ Yes X No

   If no, for what purpose was the well originally drilled? Oil & Gas

2. Name of the Injection Formation: Yeso

3. Name of Field or Pool (if applicable): Grayburg Jackson

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

   2448-3408' Grayburg-S.Andres; Will be cement squeezed when converted to WIW.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Overlying: Grayburg-San Andres 2400-3400' Underlying: Strawn 10000', Atoka 10600', Morrow 10700'

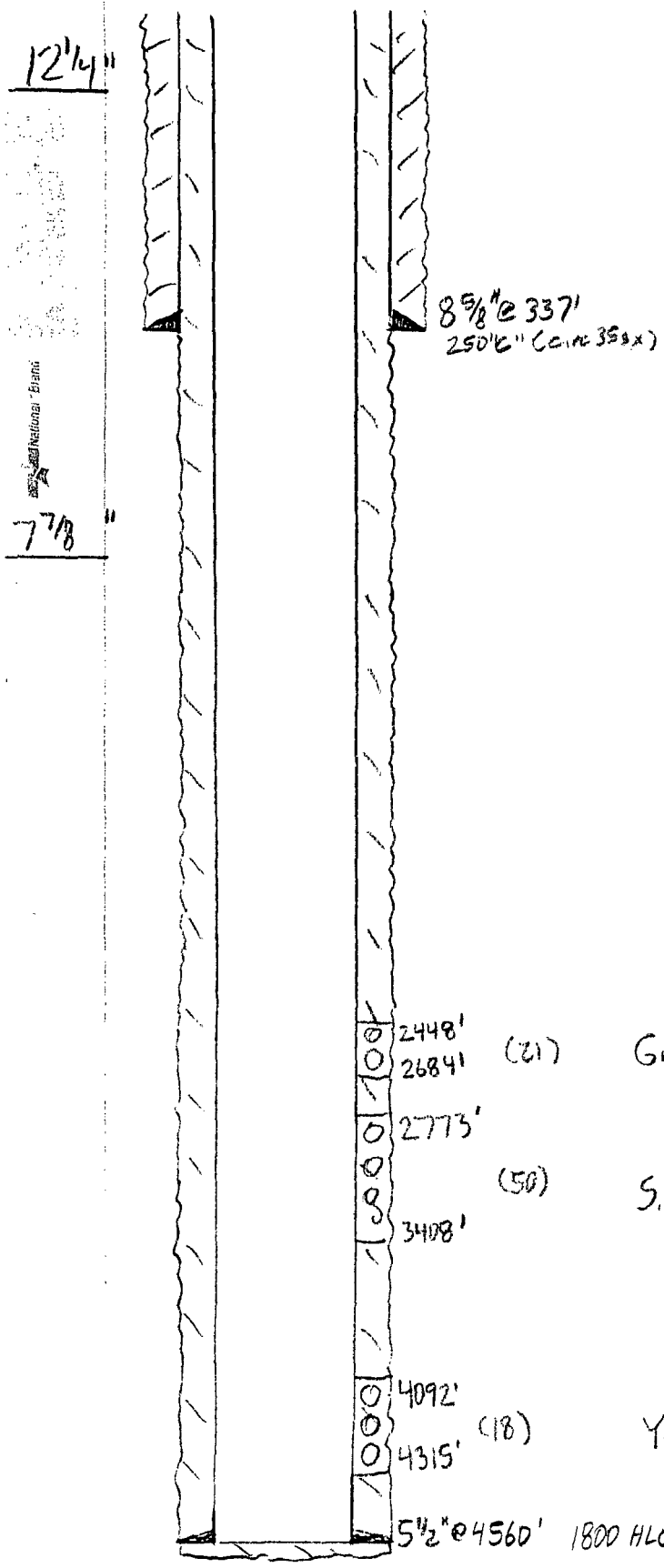
Well: DFU 22 (M.D.dd B-52)

Location: 1225' FNL, 225' FEL
A-15-17S-29E
Eddy, NM
30-015-25341

Zero: 0' AGL
KB: ____
GL: 3612.4'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	STC	337'
5 1/2"	15.5	J55	LTC	4560'
2 7/8	6.5	J55	EUE	



BEFORE CONVERSION

Well: DFU 22 (M.Dodd B-52)

Location: 1225' FNL, 225' FEL
A-15-17S-29E
Eddy NM
30-015-25341

Zero: 0' AGL
KB: ____
GL: 3612.4'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	STC	337'
5 1/2"	15.5	J55	LTC	4560'
2 7/8	6.5	J55	EUE	

12 1/4"

7 7/8"

8 5/8" @ 337'
250'C" (circ 35sx)

AFTER CONVERSION

2 7/8" IPC Inj. Tbg

2448'
2684' (21) Grbg
2773'
(50) S. Andres
3408'

Cement Squeezed & Pressure Tested

Inj. Pkr. ±4050'

4092'
4315' (18) Yeso

5 1/2" @ 4560' 1800 HLC + 650'C" (circ 335sx)

4580'

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Marbob Energy Corp

WELL NAME & NUMBER: Dodd Federal Unit 23

WELL LOCATION: 125' FNL 25' FWL | D | 14 | 17s | 29e

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

Attached

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 333'

Cemented with: 250 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4477'

Cemented with: 2250 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4496'

Injection Interval

4166' feet to 4301'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 7/8" Lining Material: Plastic

Type of Packer: 10K nickel plated double grip retrievable

Packer Setting Depth: 4125' ±

Other Type of Tubing/Casing Seal (if applicable): N/A

Additional Data

1. Is this a new well drilled for injection? ____ Yes X No

   If no, for what purpose was the well originally drilled? Oil & Gas

2. Name of the Injection Formation: Yeso

3. Name of Field or Pool (if applicable): Grayburg Jackson

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

   2789-3405' S. Andres : Will be cement squeezed when converted to WIW.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

   Overlying : Grayburg / San Andres 2400'-3400'

   Underlying: Strawn 10000', Atoka 10600', Morrow 10700'

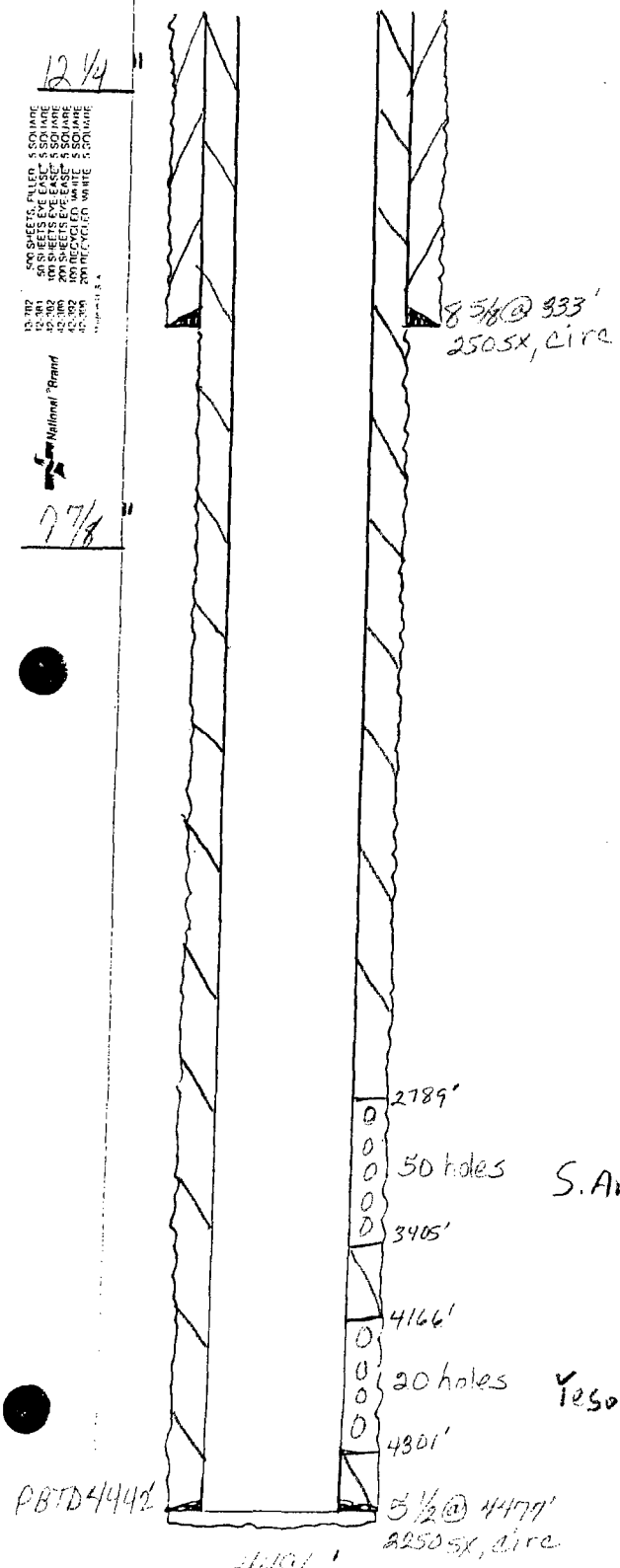
Well: Dodd Federal Unit #23
(Mary Dodd B #61)

Location: 125 FNL 25 FWL
D- Sec 14-T17S-R29E
Eddy County, NM

Zero: 8' AGL
KB : 3627.1
GL : 3619.1

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24#	J-55	STC	333'
5 1/2"	17#	J55	LTC	4477'
2 3/8"	6.5	J-55	EUE	4346'



BEFORE CONVERSION

- Sketch Not To Scale -

KBG Illing / Allen
08/26/05

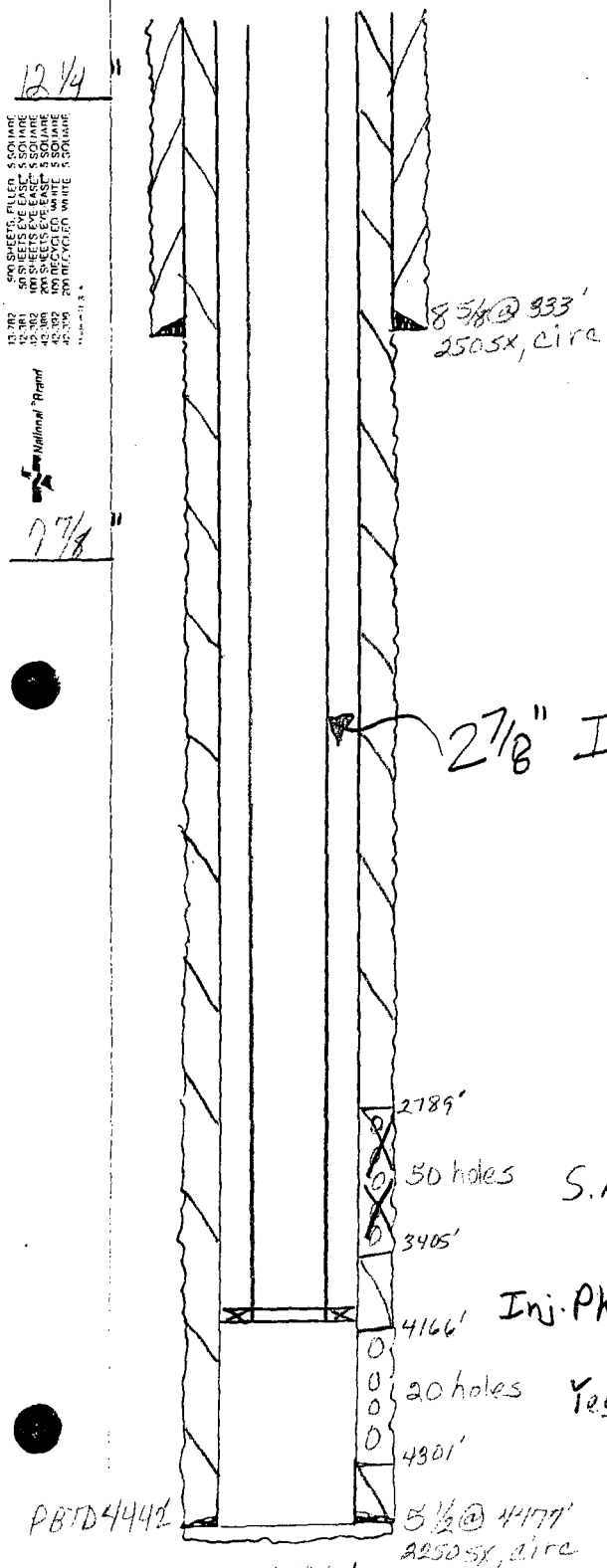
Well: Dodd Federal Unit #23
(Mary Dodd B #61)

Location: 125 FNL 25 FWL
Sec 14-T17S-R29E
Eddy County, NM

Zero: 8' AGL
KB : 3627.1
GL : 3619.1

Casing Program:

Size	Wt.	Grade	Conn	Depth
~~8 5/8"~~	~~24#~~	J-55	STC	333'
5 1/2"	17#	J55	LTC	4477'
2 3/8"	6.5	J-55	EUE	4346'



AFTER CONVERSION

- Sketch Not To Scale -

KBGilling
08/24/05

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Marbob Energy Corp

WELL NAME & NUMBER: Dodd Federal Unit 25

WELL LOCATION: 75' FNL 1295' FWL D 14 17s 29e

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

Attached

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 342'

Cemented with: 250 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4530'

Cemented with: 2450 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4560'

Injection Interval

4084' feet to 4301'

(Perforated) or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 7/8" Lining Material: Plastic

Type of Packer: 10K nickel plated double grip retrievable

Packer Setting Depth: 4040' ±

Other Type of Tubing/Casing Seal (if applicable): N/A

Additional Data

1. Is this a new well drilled for injection? ____ Yes X No

   If no, for what purpose was the well originally drilled? Oil & Gas

2. Name of the Injection Formation: Yeso

3. Name of Field or Pool (if applicable): Grayburg Jackson

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

   2755-3402' S. Andres: Will be cement squeezed when converted to WIW.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

   Overlying: Grayburg / San Andres 2400'-3400'

   Underlying: Strawn 10000', Atoka 10600', Morrow 10700'

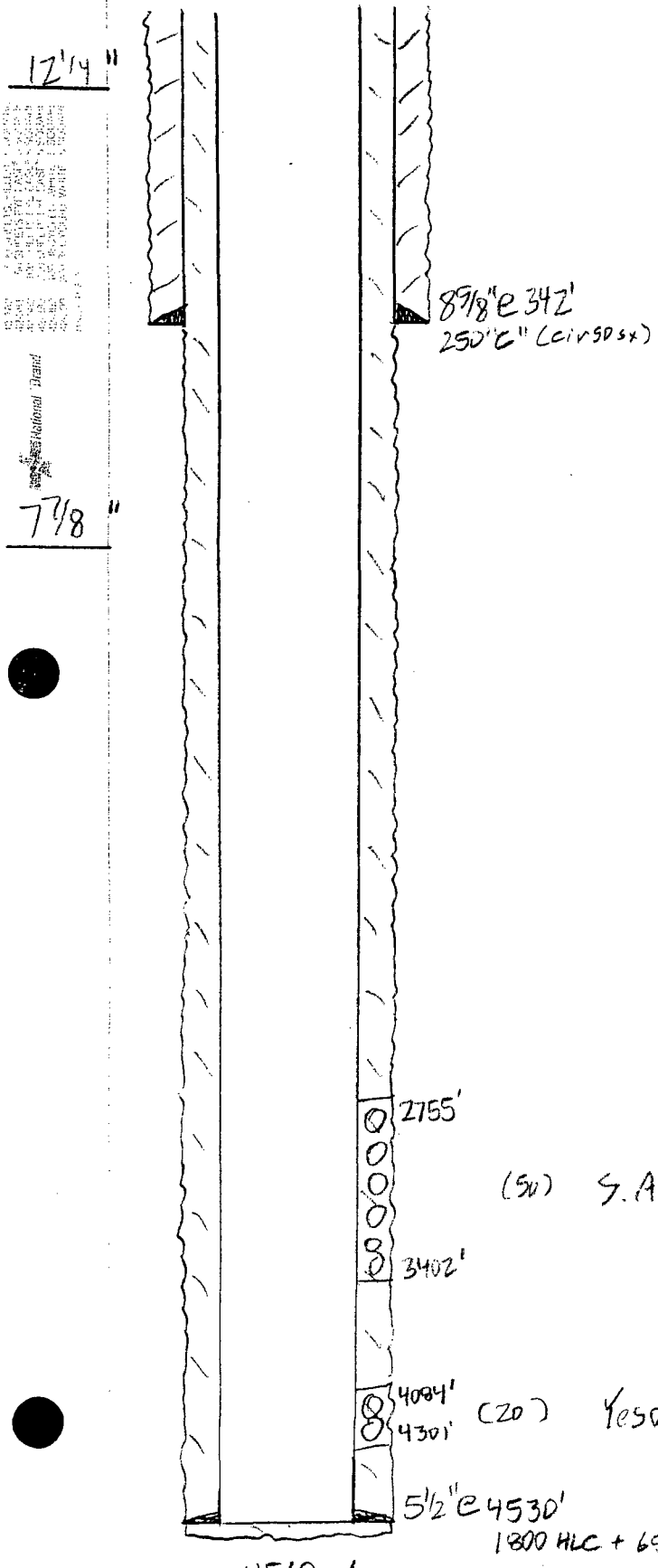
Well: Dodd Fed Unit #25
(M. Dodd B-541)

Location: 75' FNL, 1295' FWL
D-14-17s-29e
Eddy NM
30-015-25456

Zero: GL
KB :
GL : 3612.2

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8	24			342'
5 1/2	15.5	J55	LTC	4530'
2 7/8"	6.5	J55	EUE	



BEFORE CONVERSION

Well: Dodd Fed Unit #25
(M. Dodd B-64)

Location: 75' FNL, 1295' FWL
D-14-17s-29e
Eddy NM
30-015-25456

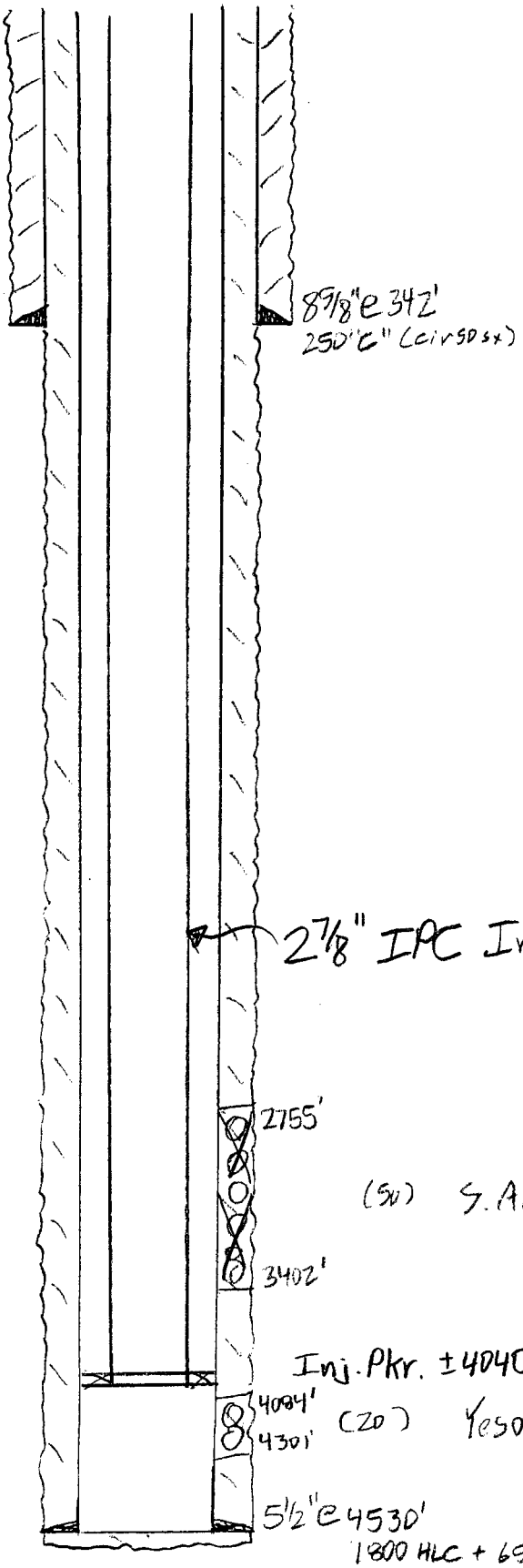
Zero: GL
KB :
GL : 3612.2

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8	24			342'
5 1/2	15.5	J55	LTC	4530'
2 7/8"	6.5	J55	EUE	

12 1/4"

7 7/8"



AFTER CONVERSION

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Marbob Energy Corp

WELL NAME & NUMBER: Dodd Federal Unit 27

WELL LOCATION: 660' FNL 1980' FWL C 14 17s 29e

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

Attached

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 14" x 12" Casing Size: 10 3/4" @ 459'

Cemented with: 50 sx. *or* _____ ft³

Top of Cement: 275' est. Method Determined: Calculated

Intermediate Casing

Hole Size: 8" Casing Size: 7" @ 2296'

Cemented with: 500 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulated

Production Casing

Hole Size: 6 1/4" Casing Size: 4 1/2" @ 4470'

Cemented with: 400 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4470'

Injection Interval

4074' feet to 4307'

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Plastic

Type of Packer: 10K nickel plated double grip retrievable

Packer Setting Depth: ±4025'

Other Type of Tubing/Casing Seal (if applicable): N/A

Additional Data

1. Is this a new well drilled for injection? ____ Yes X No

   If no, for what purpose was the well originally drilled? Oil & Gas

2. Name of the Injection Formation: Yeso

3. Name of Field or Pool (if applicable): Grayburg Jackson

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

   2795-3308' S. Andres : Will be cement squeezed when converted to WIW.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

   Overlying : Grayburg / San Andres 2400'-3400'

   Underlying: Strawn 10000', Atoka 10600', Morrow 10700'

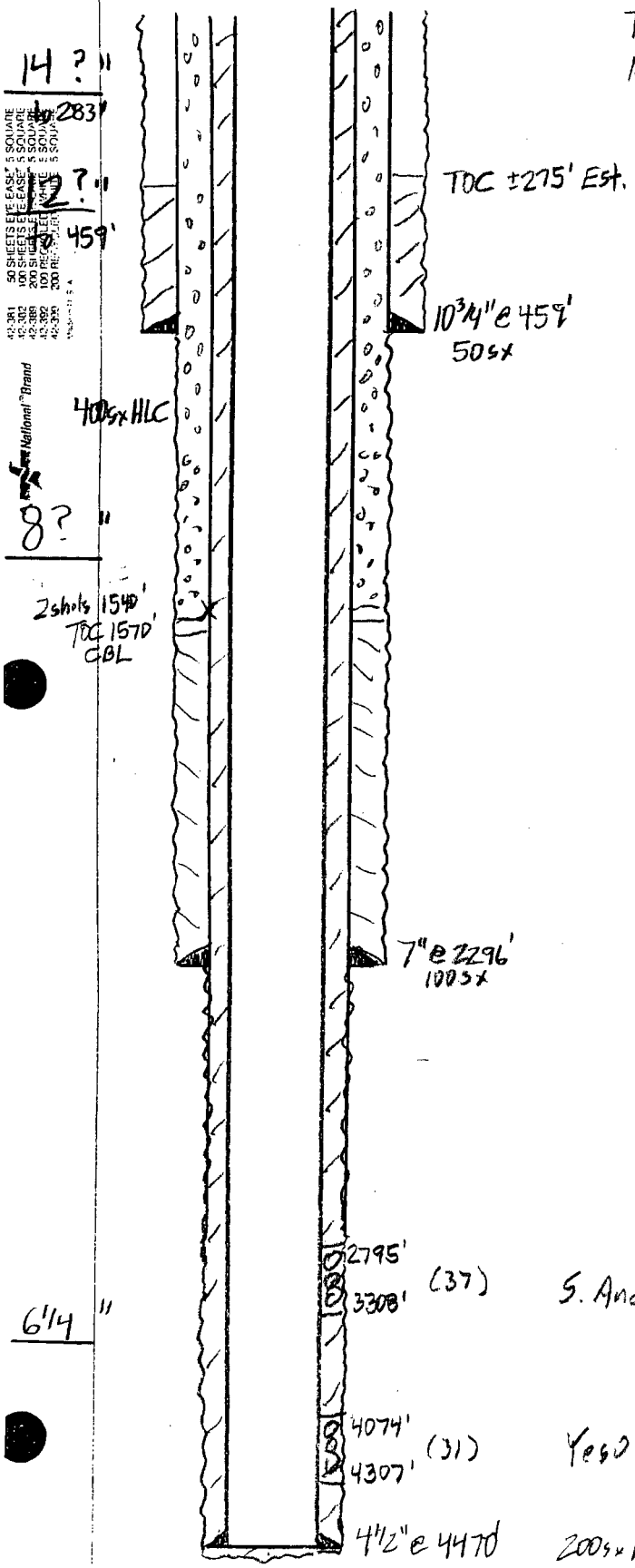
Well: DFU 27 (M. Dodd B-6)

Location: 660' FNL 1980' FWL
C - 14-17s-29e
Eddy NM

Zero: 0' AGL
KB :
GL : 3638'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
10 3/4"	40			459'
7"	20			2296'
4 1/2"	11.6			4470'
2 3/8	4.7	J55	EUE	



BEFORE CONVERSION

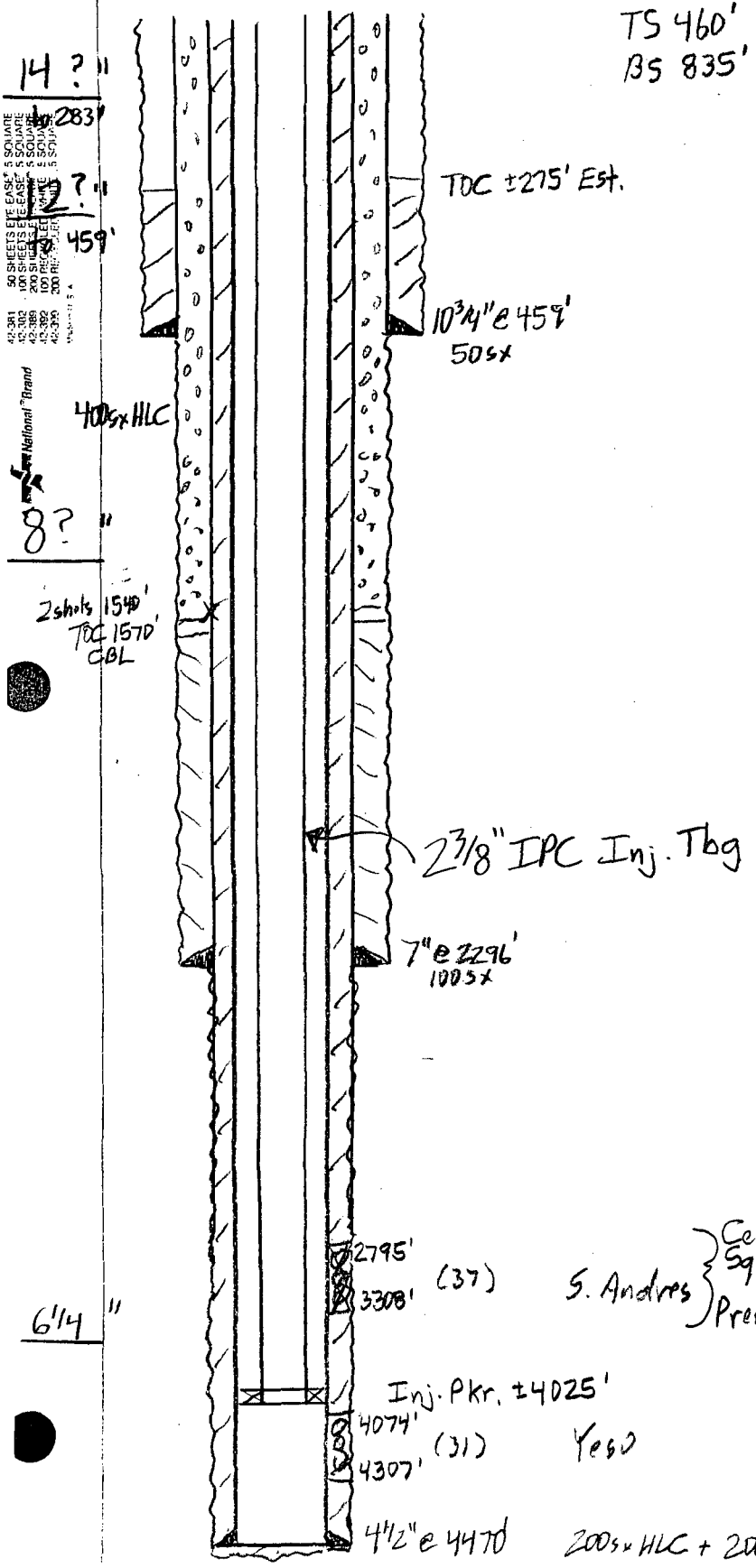
Well: DFU 27 (M. Dodd B-6)

Location: 660' FNL 1980' FWL
C - 14-17s-29e
Eddy NM

Zero: 0' AGL
KB :
GL : 3638'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
10 3/4"	40			459'
7"	20			2296'
4 1/2"	11.6			4470'
2 3/8	4.7	J55	EUE	



AFTER CONVERSION

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Marbob Energy Corp

WELL NAME & NUMBER: Dodd Federal Unit 36

WELL LOCATION: 1425' FNL 2615' FWL F 14 17s 29e

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

Attached

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 343'

Cemented with: 250 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4548'

Cemented with: 2800 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4563'

Injection Interval

4141' feet to 4263'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 7/8" Lining Material: Plastic

Type of Packer: 10K nickel plated double grip retrievable

Packer Setting Depth: ± 4100'

Other Type of Tubing/Casing Seal (if applicable): N/A

Additional Data

1. Is this a new well drilled for injection? ____ Yes __X__ No

   If no, for what purpose was the well originally drilled? Oil & Gas

2. Name of the Injection Formation: Yeso

3. Name of Field or Pool (if applicable): Grayburg Jackson

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

   2473-3322' Grayburg/S. Andres; Will be cement squeezed when converted to WIW.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

   Overlying: Grayburg / San Andres 2400'-3400'

   Underlying: Strawn 10000', Atoka 10600', Morrow 10700'

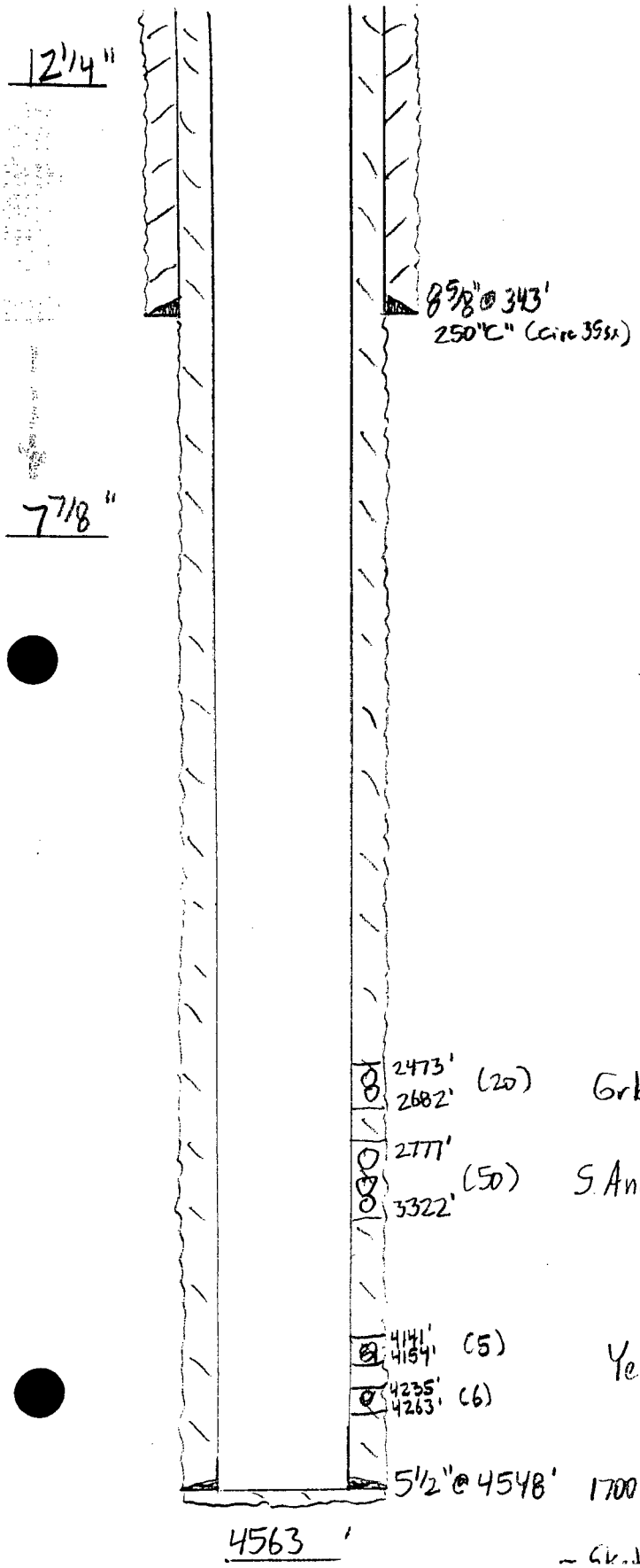
Well: DFU 36 (M.D. Hall B-50)

Location: 1425' FNL 2615' FWL
F-14-17s-29e
Eddy NM

Zero: 0' AGL
KB: 3625.9
GL: 3625.9

Casing Program:

Size	Wt.	Grade	Conn.	Depth
8 5/8"	24	J55	STC	343'
5 1/2"	15.5	J55	LTC	4548'
7 7/8	6.5	J55	BUE	



BEFORE CONVERSION

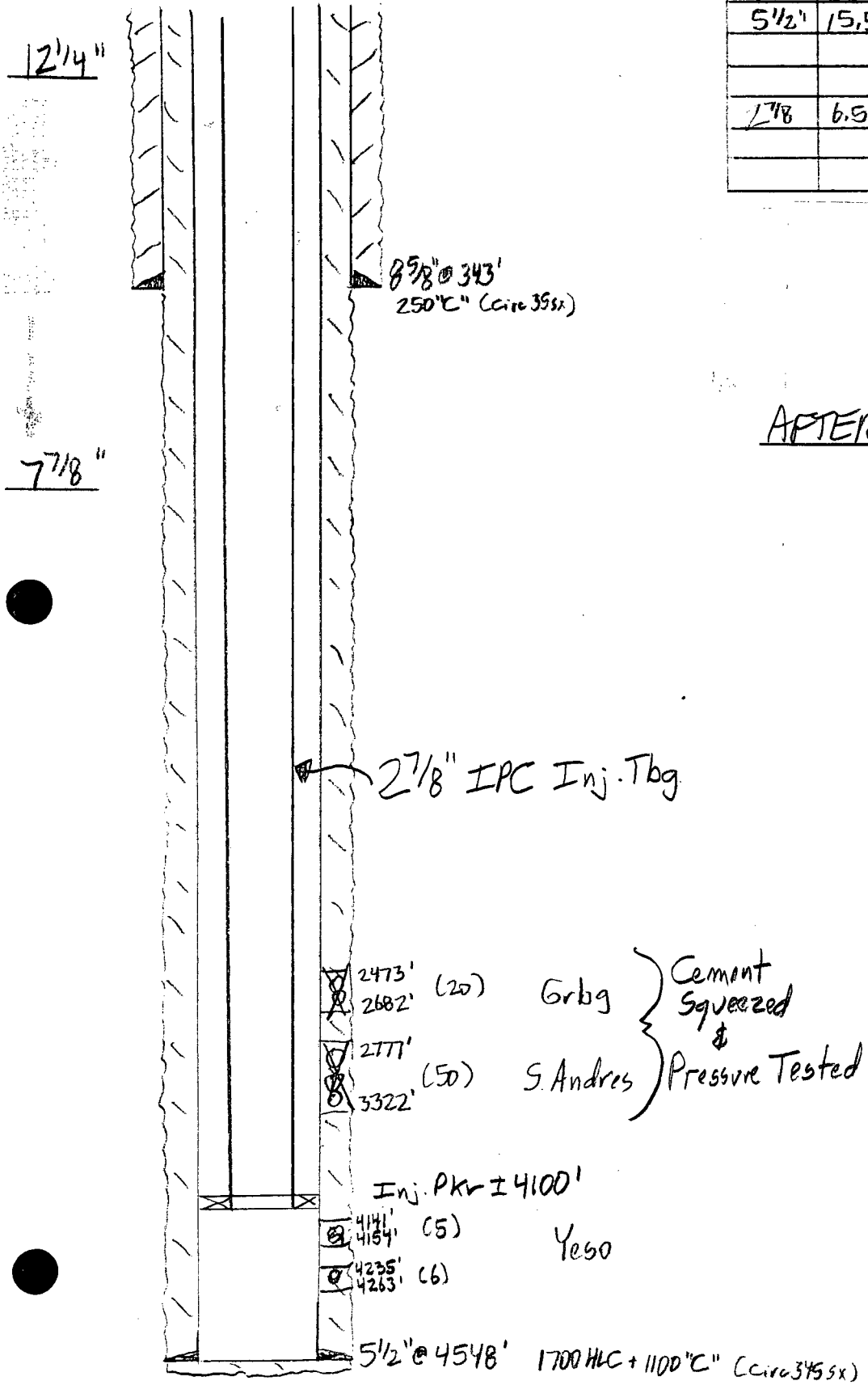
Well: DFU 36 (M.Dodd B-50)

Location: 1425' FNL 2615' FWL
F-14-17s-29e
Eddy NM

Zero: 0' AGL
KB: 3625.9
GL: 3625.9

Casing Program:

Size	Wt.	Grade	Conn.	Depth
8 5/8"	24	J55	STC	343'
5 1/2"	15.5	J55	LTC	4548'
1"	6.5	J55	EUE	



AFTER CONVERSION

~ Sketch Not To Scale ~

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Marbob Energy Corp

WELL NAME & NUMBER: Dodd Federal Unit 37

WELL LOCATION:	2310' FNL 25' FWL	E	14	17s	29e
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

Attached

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 337'

Cemented with: 250 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4524'

Cemented with: 1500 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4545'

Injection Interval

4062' feet to 4310'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 7/8" Lining Material: Plastic

Type of Packer: 10K nickel plated double grip retrievable

Packer Setting Depth: ±4020'

Other Type of Tubing/Casing Seal (if applicable): N/A

Additional Data

1. Is this a new well drilled for injection? ____ Yes X No

   If no, for what purpose was the well originally drilled? Oil & Gas

2. Name of the Injection Formation: Yeso

3. Name of Field or Pool (if applicable): Grayburg Jackson

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

   2424-3725' Grayburg/S. Andres ; Will be cement squeezed when converted to WIW.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

   Overlying: Grayburg / San Andres 2400'-3400'

   Underlying: Strawn 10000', Atoka 10600', Morrow 10700'

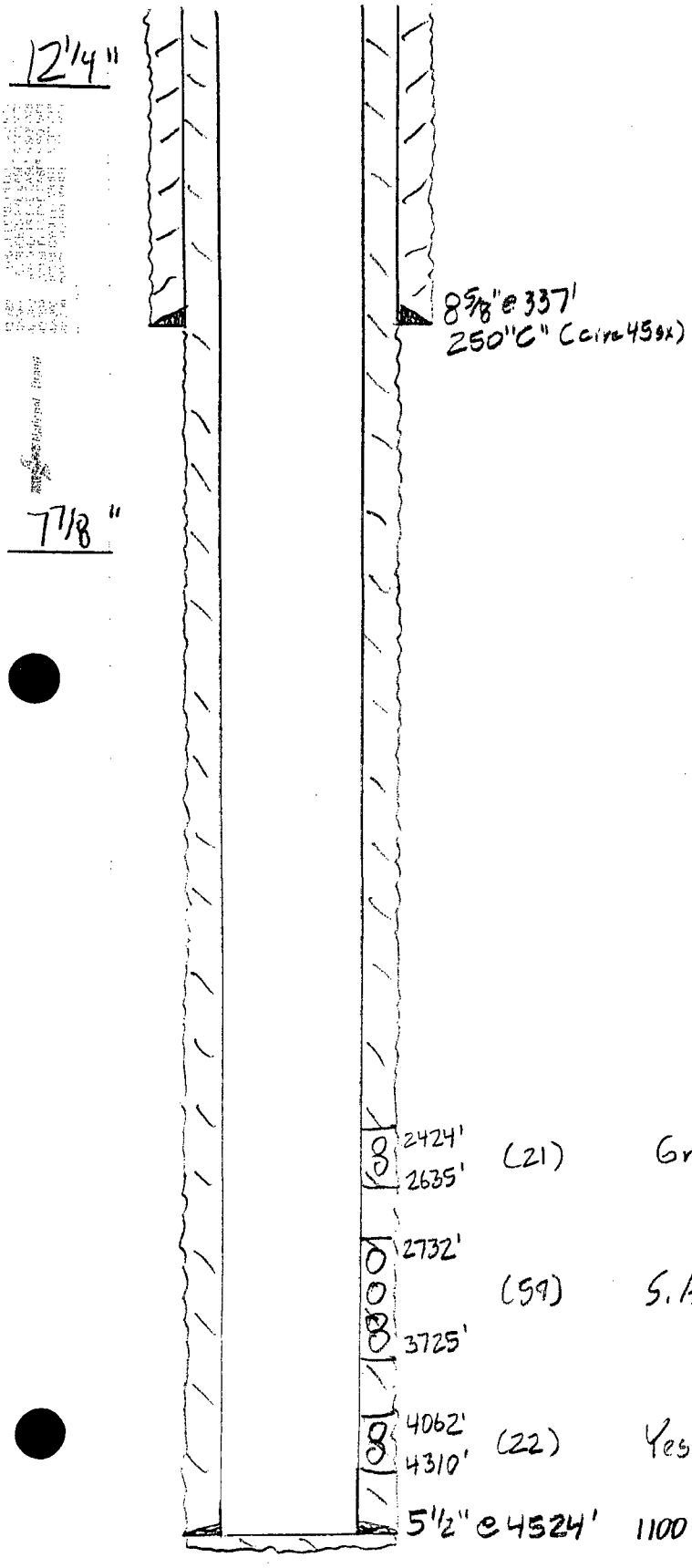
Well: DFU 37 (M. Odd B-46)

Location: 2310' FNL, 25' FWL
E-14-17s-29e
Eddy, NM

Zero: 0' AGL
KB: –
GL: 3603.1

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	STC	337'
5 1/2"	15.5	J55	LTC	4524'
2 1/8	6.5	J55	EUE	



BEFORE CONVERSION

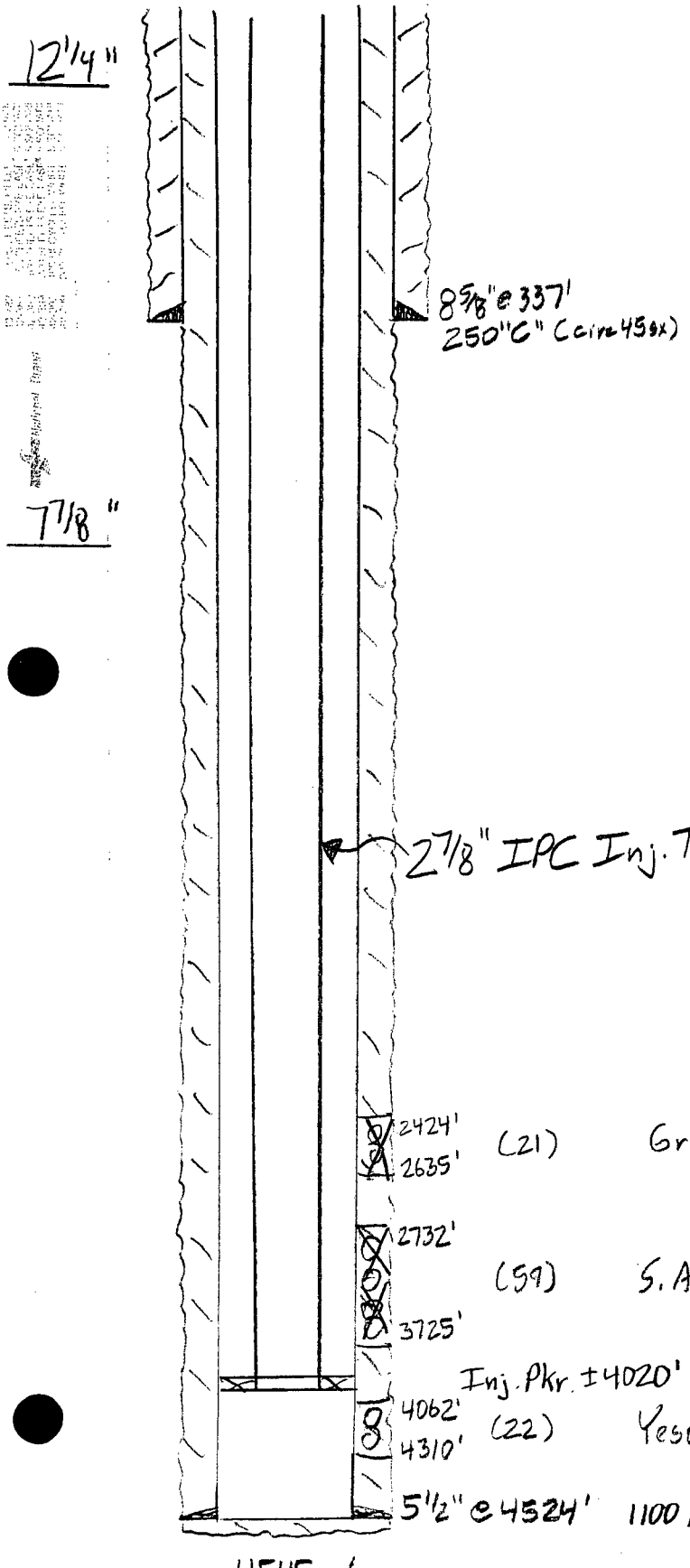
Well: DFU 37 (M. Dodd B-46)

Location: 2310' FNL, 25' FWL
E-14-17s-29e
Eddy NM

Zero: 0' AGL
KB: –
GL: 3603.1

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	STC	337'
5 1/2"	15.5	J55	LTC	4524'
2 1/8	6.5	J55	EUE	



AFTER CONVERSION

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Marbob Energy Corp

WELL NAME & NUMBER: Dodd Federal Unit 43

WELL LOCATION:	2180' FSL 860' FWL	L	14	17s	29e
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

Attached

Note, 8 5/8" is now the production casing →

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17 1/2" Casing Size: 13 3/8" @ 440'

Cemented with: 425 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: 11" Casing Size: 8 5/8" @ 4500'

Cemented with: 2000 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulated

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 11024'

Cemented with: 1300 sx. *or* _____ ft³

Top of Cement: 6580' Method Determined: Bond Log

Total Depth: 11025'

Injection Interval

4162' feet to 4360'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 7/8" Lining Material: Plastic

Type of Packer: 10K nickel plated double grip retrievable

Packer Setting Depth: ± 4120'

Other Type of Tubing/Casing Seal (if applicable): N/A

Additional Data

1. Is this a new well drilled for injection? ____ Yes X No

   If no, for what purpose was the well originally drilled? Oil & Gas

2. Name of the Injection Formation: Yeso

3. Name of Field or Pool (if applicable): Grayburg Jackson

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. Morrow 10721-10800', CIBP+cmt. 10650' 25sx cmt @ 7671', 30sx cmt 4560-4396', 5 1/2" cut & pulled 4454'. 2809-3426' S. Andres: will be cement squeezed when converted to WIW.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

   Overlying: Grayburg / San Andres 2400'-3400'

   Underlying: Strawn 10000', Atoka 10600', Morrow 10700'

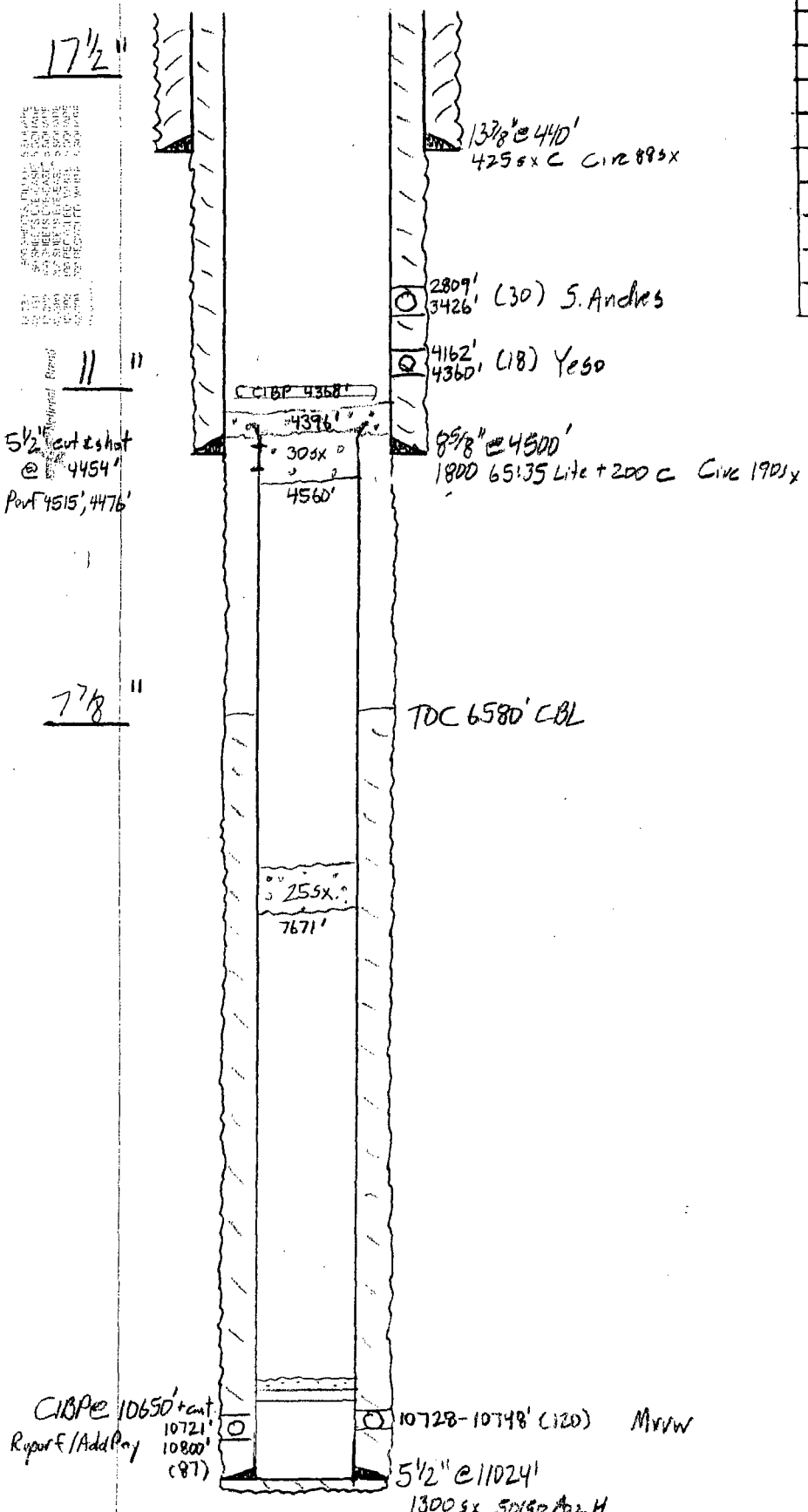
Well: Mary Dodd 4-39 DHC43
(Little Wing F. .1)

Location: 2180' FSL, 860' FWL
L-14-17s-29e
Eddy NM

Ze: 15.7' AGL
KB: 3618.9'
GL: 3603.2'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
13 3/8	54.5	K55	STC	440'
8 5/8	32	K55	STC	4500'
5 1/2	17	K55	BTC	6548'
	17	K55	LTC	10079'
	17	N80	LTC	11024'
2 7/8	6.5	J55	EUE	



BEFORE CONVERSION

— Sketch Not To Scale —

KBCollins / 13 Dec 00

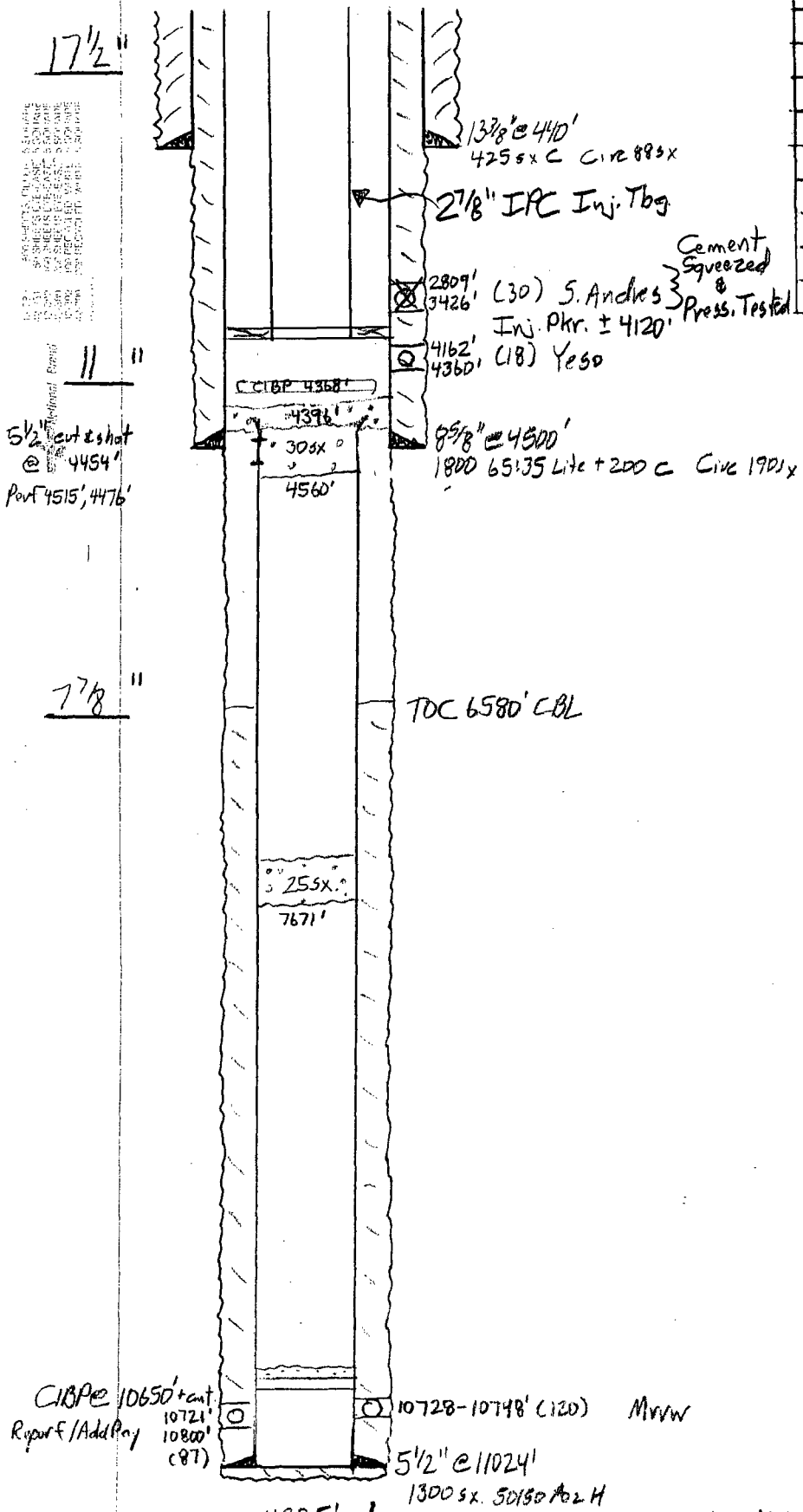
Well: Mary Dodd 4-39 DHU43
(Little Wing F...1)

Location: 2180' FSL, 860' FWL
L-14-17s-29e
Eddy NM

Ze: 15.7' AGL
KB: 3618.9'
GL: 3603.2'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
13 3/8	54.5	K55	STC	440'
8 5/8	32	K55	STC	4500'
5 1/2	17	K55	BTC	6548'
	17	K55	LTC	10079'
	17	N80	LTC	11024'
2 7/8	6.5	J55	EUE	



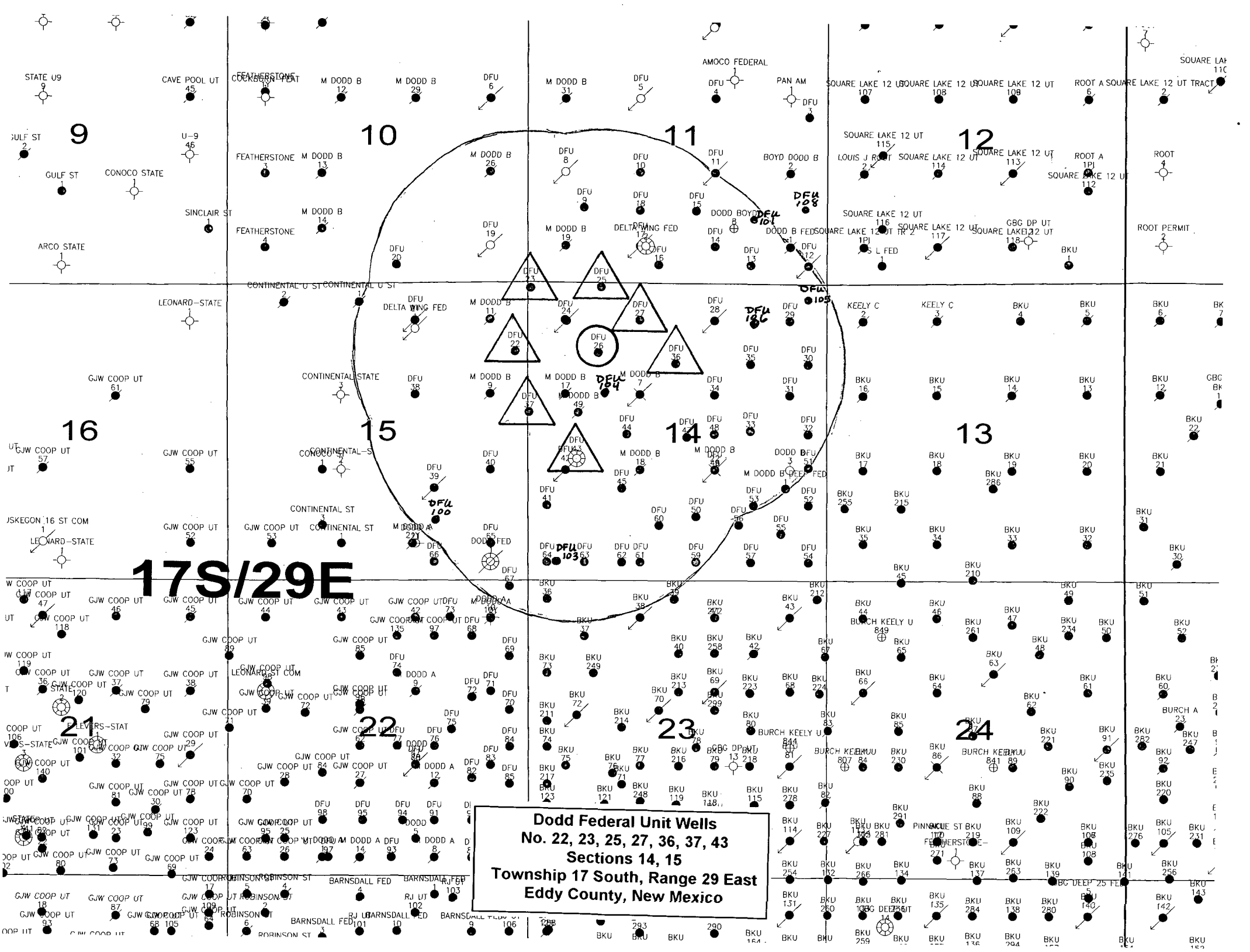
AFTER CONVERSION

— Sketch Not To Scale —

KBCollins / 13 Dec 00

V.

MAP


17S/29E
Dodd Federal Unit Wells
No. 22, 23, 25, 27, 36, 37, 43
Sections 14, 15
Township 17 South, Range 29 East
Eddy County, New Mexico

VI.

Wells Within 1/2 Mile Area of Review That Penetrate Proposed Injection Zone

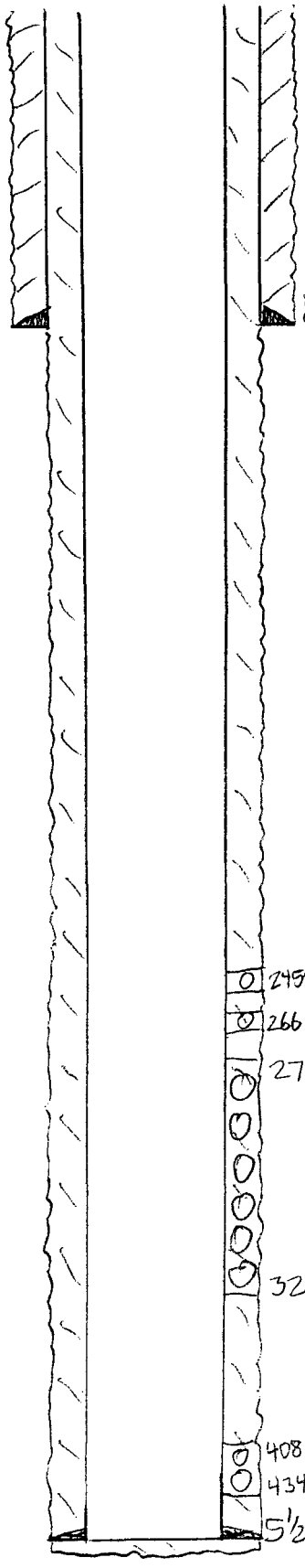
Well: Dodd Fed Unit 9
(M. Dodd B-56)

Location: 1345' FSL, 990' FWL
L-11-17s-29e
Eddy NM
30-015-25464

Zero: 8' AGL
KB: 3633.9'
GL: 3625.9'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24			252'
5 1/2"	15.5	J55	LTC	4507'
2 7/8"	6.5	J55	EVE	



1/87: Yeso: 4081, 86, 88, 90, 91, 94, 95, 4105, 07, 09, 12, 92, 96, 97, 4201, 07, 11, 12, 19, 45, 58, 64, 68, 76, 86, 4302, 13, 23, 28, 4341' (30)

BD 2000g 15% HCl
HA 54,000g gel + 32,000g 20% HCl
6 bpm @ 2100 ISI = 1390 psi
CA 5000g 15% HCl

S. Andres: 2763', 71, 81, 96, 2804, 20, 22, 26, 27, 33, 52, 66, 96, 2916, 22, 34, 39, 42, 46, 61, 71, 73, 90, 3001, 18, 25, 42, 56, 98, 3104, 16, 23, 45, 50, 63, 66, 69, 82, 97, 3204, 11, 19, 30, 32, 50, 57, 66, 73, 78, 3296' (50)

BD 4000g 15% HCl
Frac 8000 bbls 100,000 20/40 200,000 12/20
200,000# 8/16 150 bpm @ 3100 psi ISI 1700

Grbg

5188': Rodpart #63, box. Pmp chg

9/90: Grbg: 2459-63', 2466-70' (12)
2661-66' (10)

S. Andres

Frac 14,500# 20/40 + 5,000# 12/20
13 bpm @ 3100 psi ISI = 1980
(Fraced 2661-66')

8193: Pmp chg
11/94: Pmp chg
4/95: Pmp chg
9/00: Pmp chg
3/02: Rodpart #88, 7/8", box Pmp chg
7/05: Rod part #65, 7/8", box Pmp chg

Yeso

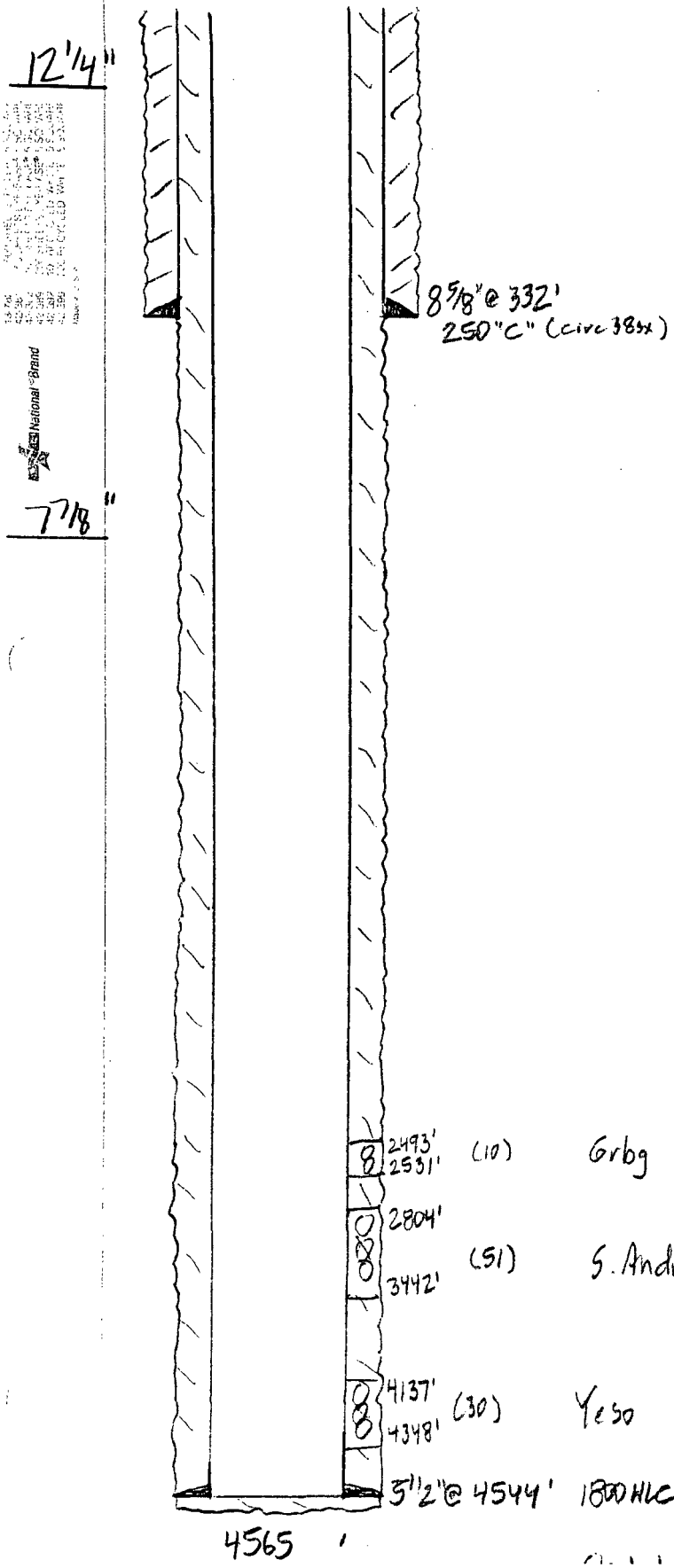
Well: DFU 13 (Boyd Dad 7)

Location: 330' FSL, 1345' FEL
O-11-17s-29e
Eddy NM

Zero: O' AGL
KB: —
GL: 3635.2'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	STC	332'
5 1/2"	15.5	J55	STC	4544'
2 7/8"	6.5	J55	EVE	



12185: S. Andres 2804-3442' (51)
Acdz 4000g 10% HCl
Frac 100,000# 20/40, 200,000# 12/20, 200,000# 8/16
169 bpm @ 2986

Grbg 2493-2531' (10) Acdz 1000g 15%
Frac 11000# 20/40 + 18000# 12/20
30 bpm @ 2850 psi

6/88: Yeso 4137-4348' (30) Acdz 4000g 15%
HA 54,000g gel + 32,000g 20% HCl
CA 5000g 15% HCl

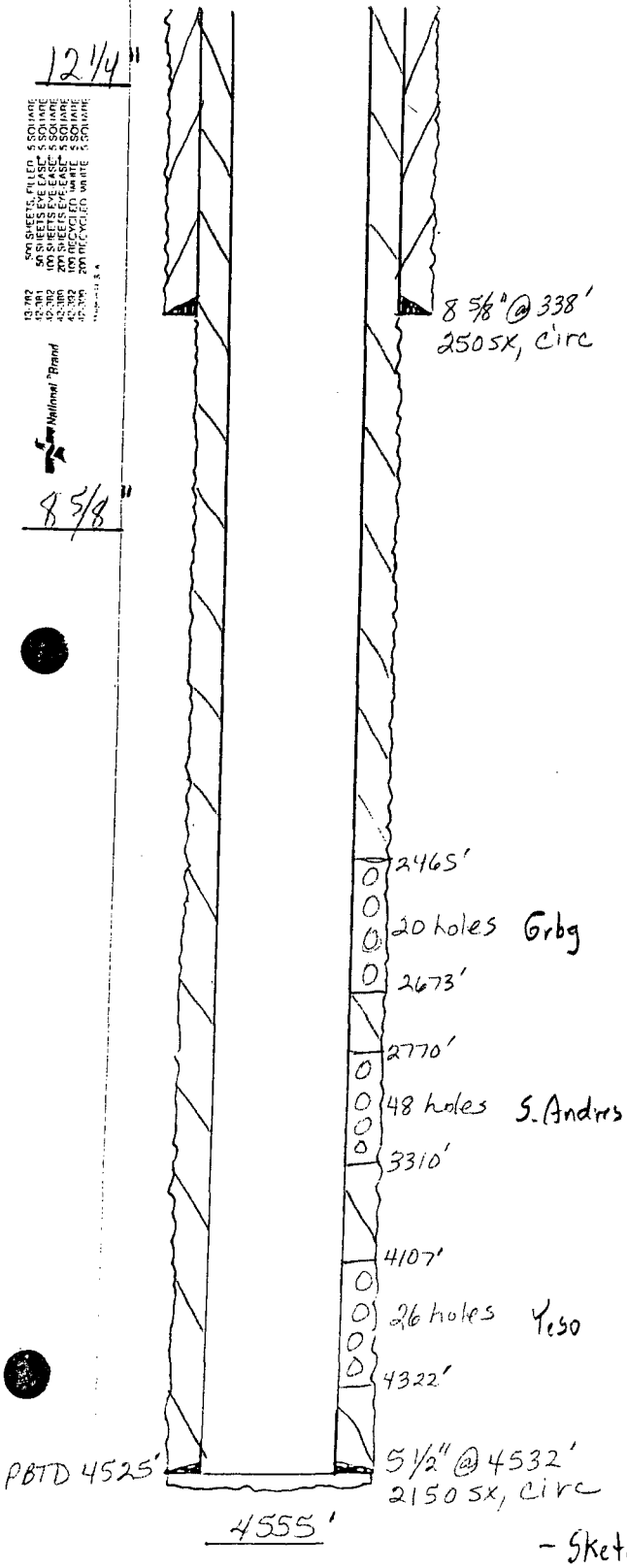
Well: Dodd Federal Unit #16
(Mary Dodd B #53)
Location: 2310 FWL 330 FSL
Sec 11-T17S-R29E
Eddy County, NM

Zero: 0' AGL
KB :
GL : 3624.8'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
8 5/8"	24#	J55	STC	338'
5 1/2"	15.5#	J55	LTC	4532'
2 7/8"				SN @ 4337'

Spud: 11/11/85 TD: 11/22/85 Comp: 12/13/



Perf 2770, 77, 86, 92, 2802, 08, 25, 26, 30, 31, 38, 39, 55, 76, 2941, 48, 55, 72, 77, 81, 90, 3001, 12, 31, 36, 55, 75, 3109, 24, 29, 37, 42, 53, 66, 70, 75, 78, 85, 90, 3204, 14, 24, 33, 47, 65, 69, 3302, 10
Acdz w/4000 gal 10% NE acid
Frac w/6748 bbls gel wtr, 100000# 20/40, 200000# 12/20, 200000# 8/16 sand

Perf 2465, 67, 70, 72, 87, 96, 2525, 35, 45, 61, 64, 67, 2624, 33, 46, 59, 64, 66, 68, 73
Acdz w/1000 gal 15% NE acid.
Frac w/1476 bbls gel wtr, 20000# 20/40, 40000# 12/20, 40000# 8/16 sand

12/11/86 - Perf 4107, 08, 13, 14, 19, 23, 24, 31, 34, 40, 77, 4221, 24, 35, 37, 54, 63, 71, 73, 4280, 82, 91, 4300, 04, 15, 22

12/12/86 - Acdz perfs w/2000 gal 15% NE acid
12/13/86 - Re-acdz perfs w/32000 gal 20% heated acid & 54000 gal 40# gel. heated, Flush w/4000 gal cold acid

- Sketch Not To Scale -

KBG/llins/dlw
08/26/05

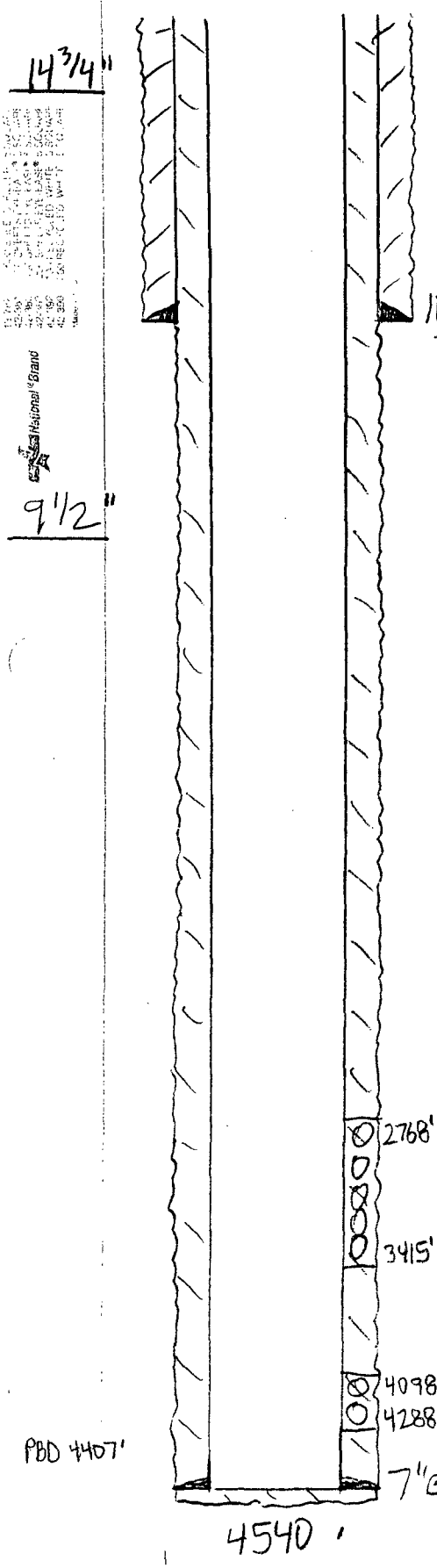
Well: DFU 18 (M. Dodd B-55)

Location: 1295' FSL, 1980' FWL
N-11-17S-29E
Eddy NM

Zero: 0' AGL
KB: —
GL: 3630.2'

Casing Program:

Size	Wt.	Grade	Conn	Depth
10 3/4"	40.5	J55	STC	328'
7"	20	J55	STC	4526'
2 7/8"	6.5	J55	EUE	



12/85 S. Andres 2768-3415' (83) 4000g 15% HCl

Frac 150,000# 20/40 + 375,000# 12/20 + 375,000# 8/16
280 bpm @ 3200 psi

12/86 Yeso 4098-4288' (25)

HA g. gel + 32,000g 20% HCl
CA 4000g 15% HCl

Well: DFU 26 (M. Dodd B-51)

Location: 1245' FNL 1245' FWL
D-14-17s-29e
Eddy NM

Zero: 0' AGL
KB: -
GL: 3615'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	STC	337'
5 1/2"	15.5	J55	LT	5801'
2 7/8	6.5	J55	EVE	

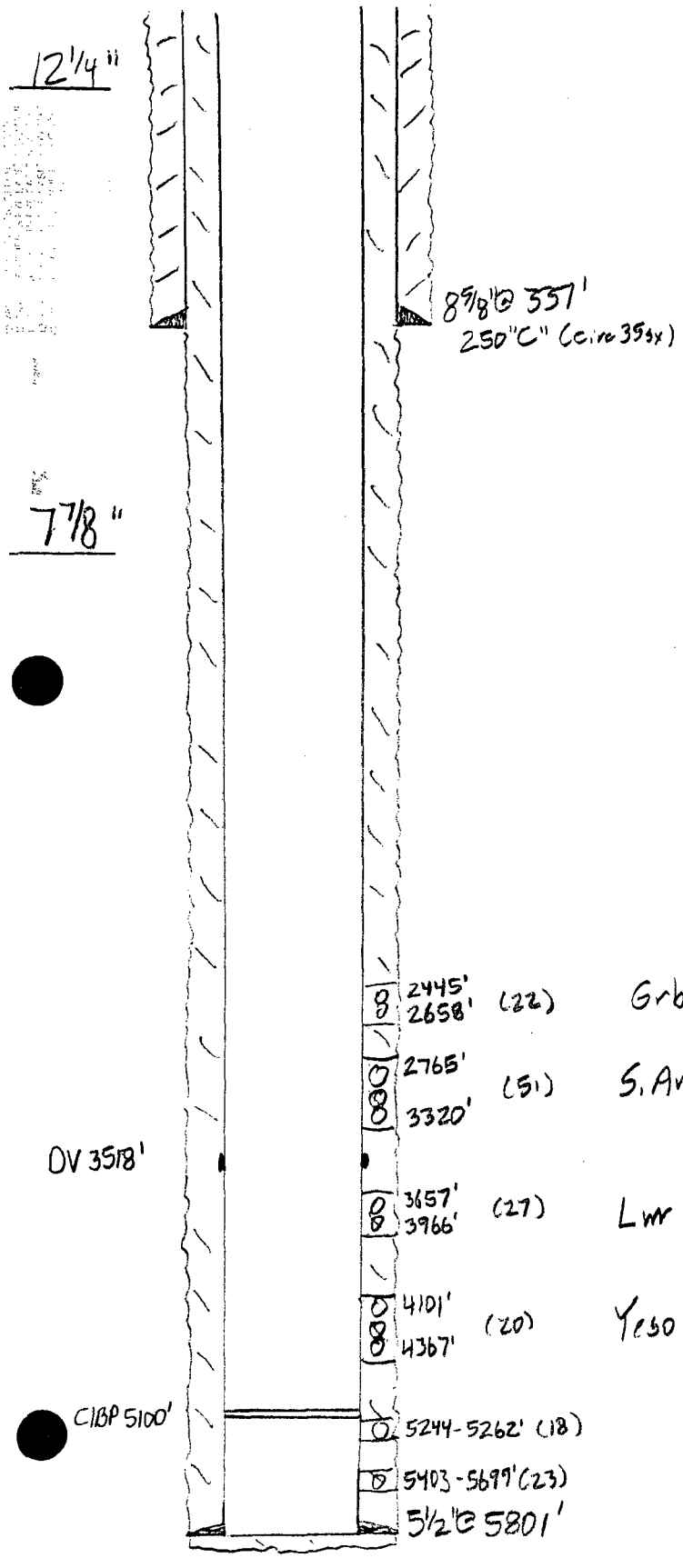
11/85: 5403-5699' (23) Acdz 1000g 15%

5244-5262' (18) Acdz 1000g 15%

S. Andres 3657-3966' (27) Acdz 1500g 15%

S. Andres 2765-3320' (51) Acdz 4000g 15%
Frac 100,000# 20/40 + 200,000# 12/20 + 200,000# 8/16
Grbg 2445-2658' (22) Acdz 1000g 15%
Frac 20,000# 20/40 + 56000# 12/20 + 25,000# 8/16

5/87: Yeso 4101-4367' (20) Acdz 1000g 15%
Acid Frac 50000g gel + 30,000g 20%



1st: 500 "C" (Circ trace)
2nd: 1500 HLC + 450 "C" (Circ 350sx)

- Sketch Not To Scale -

Well: OFU 28 (M. Dodd B-4)

Zero: 0' AGL
KB: –
GL: 3637'

Location: 660' FNL 1980' FEL
B-14-17s-29e
Eddy NM
30-015-02974

Casing Program:

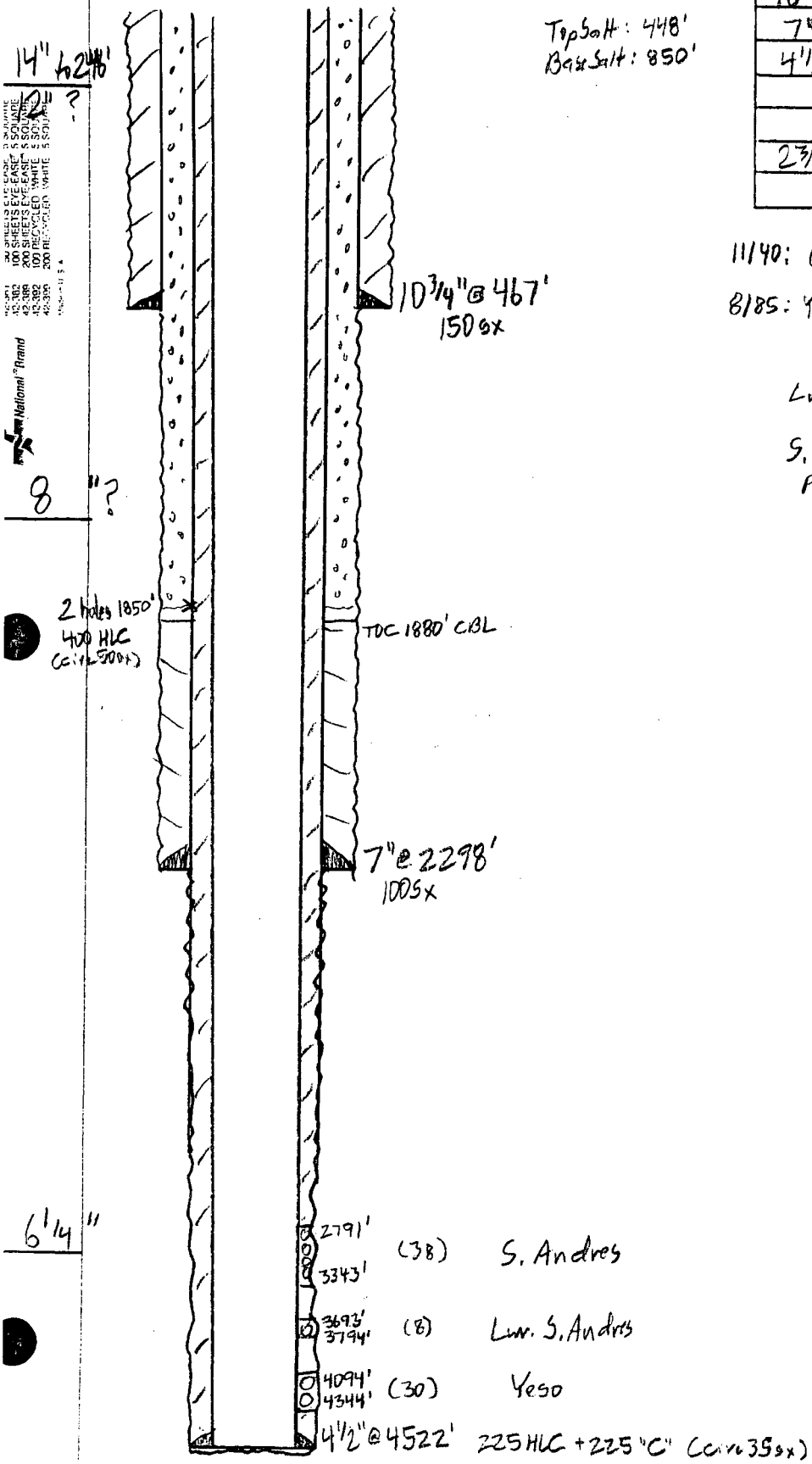
Size	Wt.	Grade	Conn.	Depth
10 3/4"	35			467'
7"	20	H40		2298'
4 1/2"	11.6	J55	STC	4522'
2 3/8	4.7	J55	EUE	

11/40: OH 2298-2550'. 145 qts nitro 2478-2534'

8/85: Yeso 4094-4344' (30) Acidize 3000g 10% HCl

Lwr S. Andres 3693-3794' (8) 500g. 10% HCl

S. Andres 2791-3343' (38) 3000g. 10% HCl
Frac 50,000# 20/40, 245,000# 12/20, 75000# 8/16



– Sketch Not To Scale –

KA Rollins /

Well: DFV 30 (M. Dodd B-47)

Location: 1425' FNL, 330' FEL
H-14-17s-29e
Eddy NM
30-015-25230

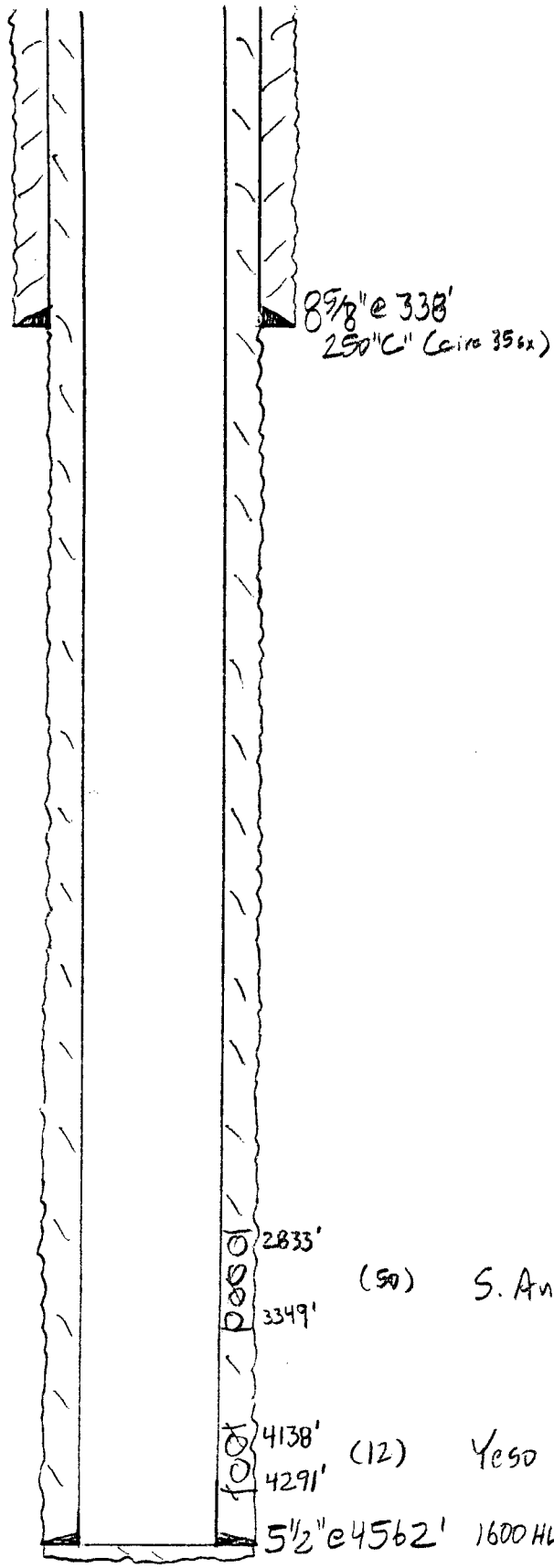
Zero: 0' AGL
KB: -
GL: 3636.8'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	STC	338'
5 1/2"	15.5	J55	STC	4562'
2 7/8"	6.5	J55	EUE	

12/85: Yeso 4138-4291' (12) Acidz 2000g 20%
HA 34,000g 20% Sd 1800

11/86: S. Andres 2833-3349' (50) Acidz 4000g 10%
Frac 50,000# 20/40, 150,000# 12/20, 200,000# 8/16
140 @ 3150 psi



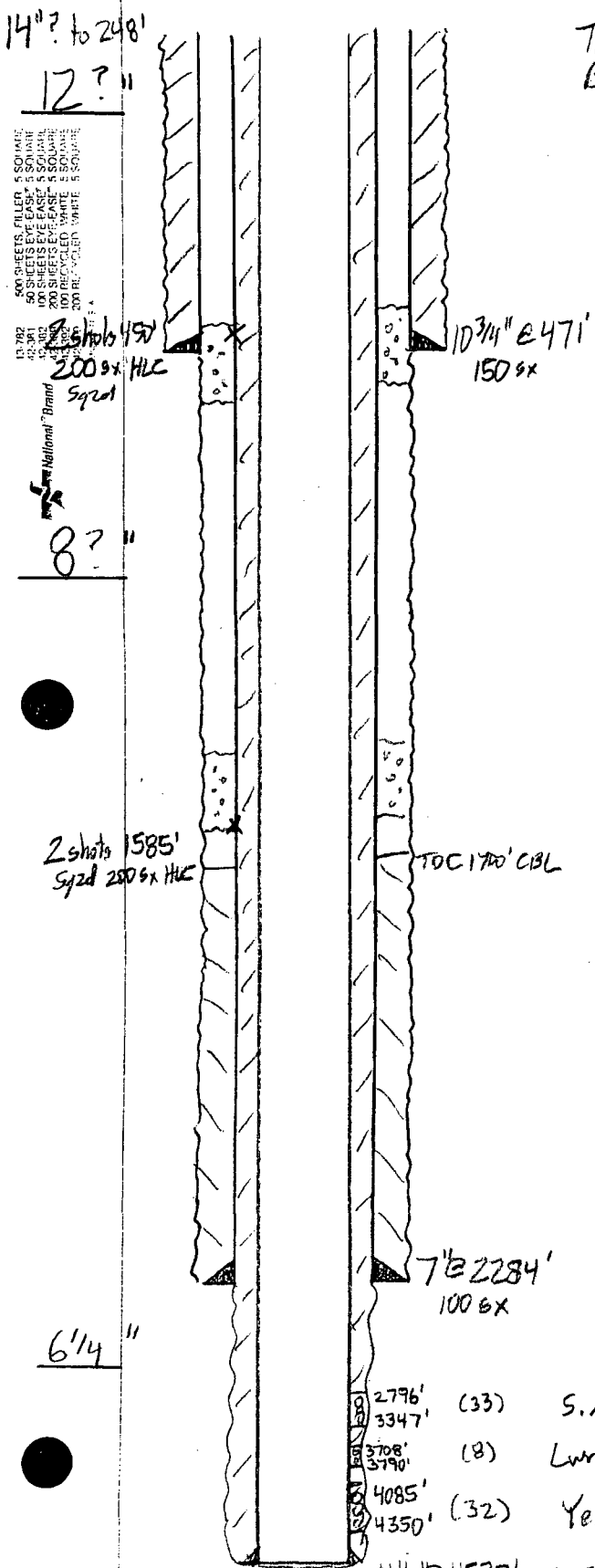
Well: DFU 31 (M. Dodd B-2)

Location: 1980' FNL, 660' FEL
14-17s-29e
Eddy, NM

Zero: 0' AGL
KB: -
GL: 3630'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
10 3/4"	40, 32.75			471'
7"	20, 22, 24	H40	STC	2284'
4 1/2"	11.6		LTC	4362'
	10.5		STC	4538'
2 3/8	4.7	J55	EUE	



6/40: Nitro shot 140 qts 2471-2525'

5/55: Frac OH 10,000g oil + 10,000# Sd

9/67: Convert WIW "AD" phr 2259'

8/85: Perf 1585' Sqz 200 HLC
Perf 450' Sqz 200 HLC
Ran 4 1/2" & cmt to surface & ptr
deepen to 4558'.
L. S. Andres 3708-3790' (8)

Yeso 4085-4350' (32) Acdz 2750g 15%
HA 12500g #1 + 15000g 20% HCl 5@190
CA 5000g 15% HCl

11/87: S. Andres 2796-3347' (33) Acdz 4000g 10%
Frac 50000# 20/40, 100000# 12/20, 100,000# 8/16
100 @ 3280

- Sketch Not To Scale -

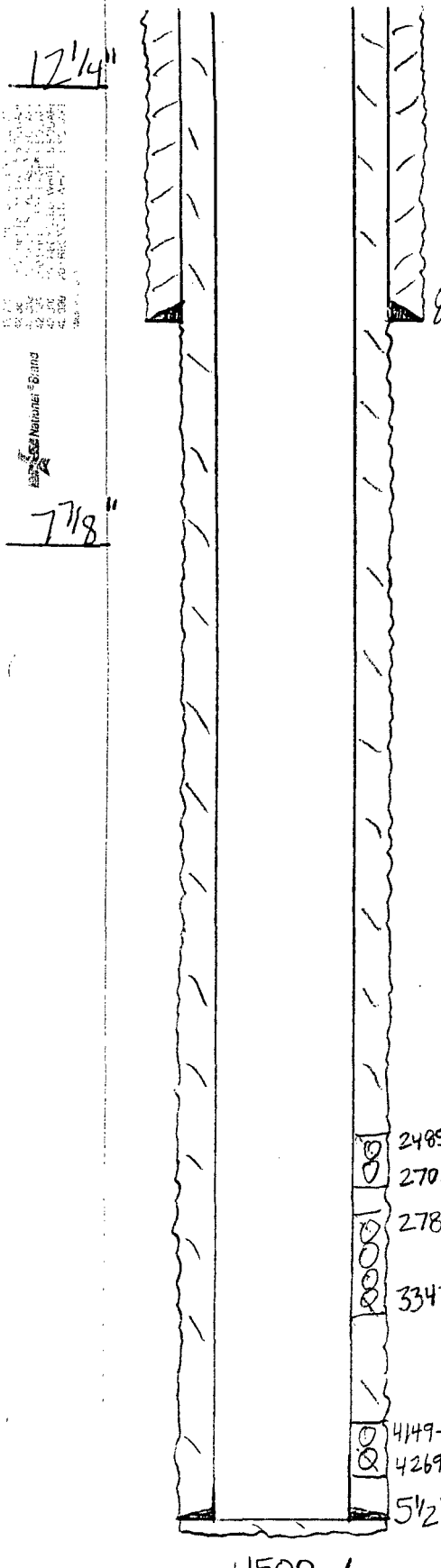
Well: DFU 35 (M. Dodd B-48)

Location: 1425' FNL, 1345' FEL
G-14-17s-29e
Eddy NM

Zero: 0' AGL
KB: –
GL: 3627.7'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	STC	336
5 1/2"	15.5	J55		4434'
2 7/8	6.5	J55	EUE	



10/85: Yeso 4149-4201' (18) 500g 15%

S. Andres 2788-3347' (51) 3000g 10% HC
Frac 50,000# 20/40, 150,000# 12/20, 60,000# 8/16
155 @ 3050

11/85: Grbg 2485-2701' (23)
Frac 21,000# 20/40, 39,500# 12/20, 22,000# 8/16

12/86: Yeso 4269-4342' (10) Acdz 1000g. 15%
HA 4149-4342' 33,000g gel + 20,000g 20/40 SD
CA 5000g. 18% HCl 6.7 @ 2050

4/98: Acdz 2500g 15% dump job

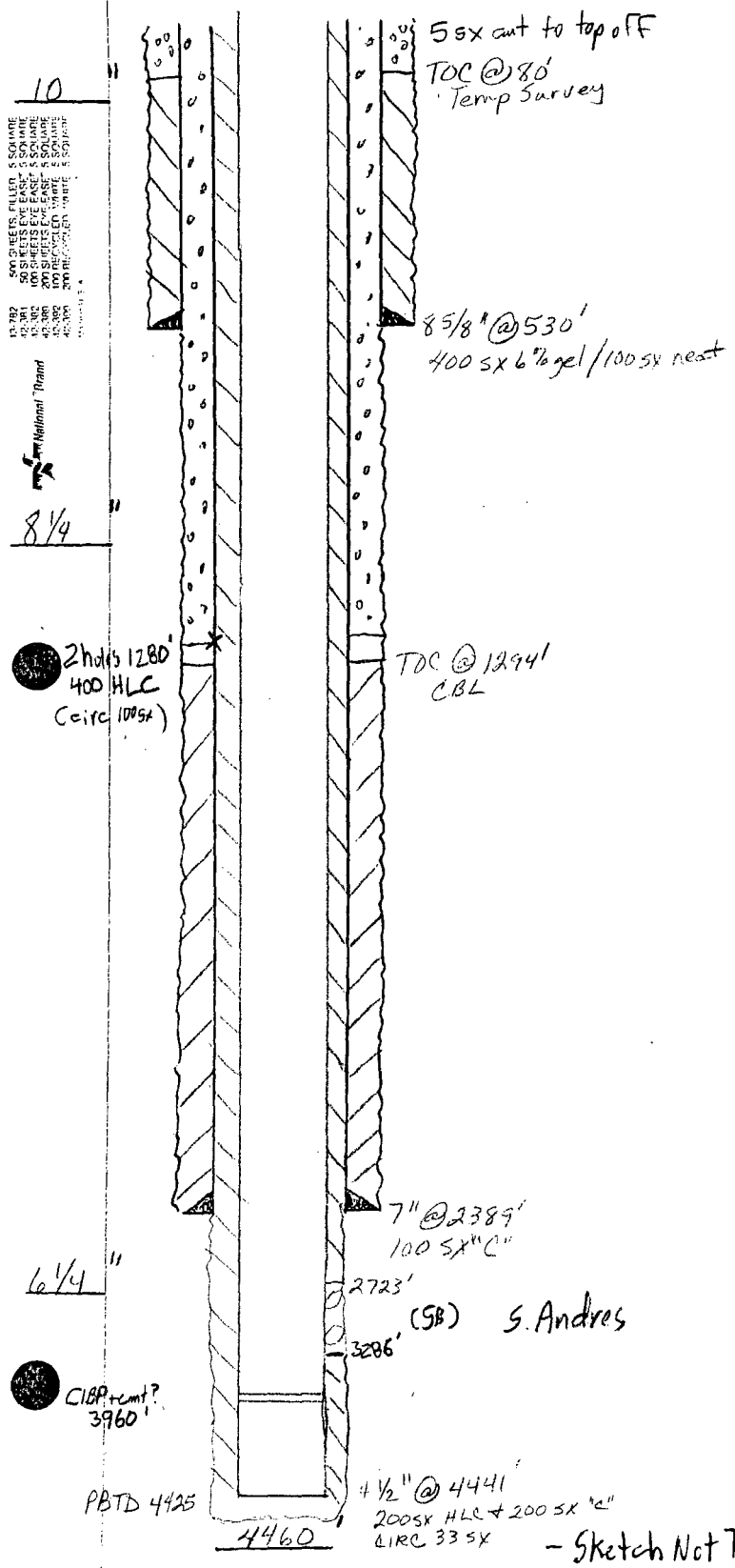
Well: Dodd Federal Unit #40
(Mary Dodd A #16)

Location: 1980 FSL 660 FEL
I-15-17S-29E
Eddy, NM

Zero: 0' AGL
KB: -
GL: 3597.4'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
8 5/8"	24#	J-55	8RD	530'
7"	20#	H-40	8RD	2389'
4 1/2"	11.6#	J55		4441'
2 3/8"	4.7#	J-55	8RD	3171.44'



Spud: 2/22/56
TD: 4/13/56
Comp: 4/16/56 IP = 39 bopd

06/28/06: Sand frac w/ 10000 gal oil + 15000# sand - 2389 - 2420'

10/10/72: T+A

7/21/83: Acdz OH w/ 1000 gal

7/10/85: Re-enter + deepen well to 4460'

Perf: 2723, 33, 38, 51, 78, 83, 93, 2830, 79, 2912, 55, 80, 86, 93, 3002, 25, 34, 44, 66, 85, 94, 98, 3103, 73, 3201, 10, 24, 45, 68, 80, 86

Acdz: 2000 gal 15% NE

Frac: 4000 bbl, 1000 sx 20/40, 1000 sx 12/20, 500 sx 8/16

- Sketch Not To Scale -

KBCollins / dlw
6/29/06

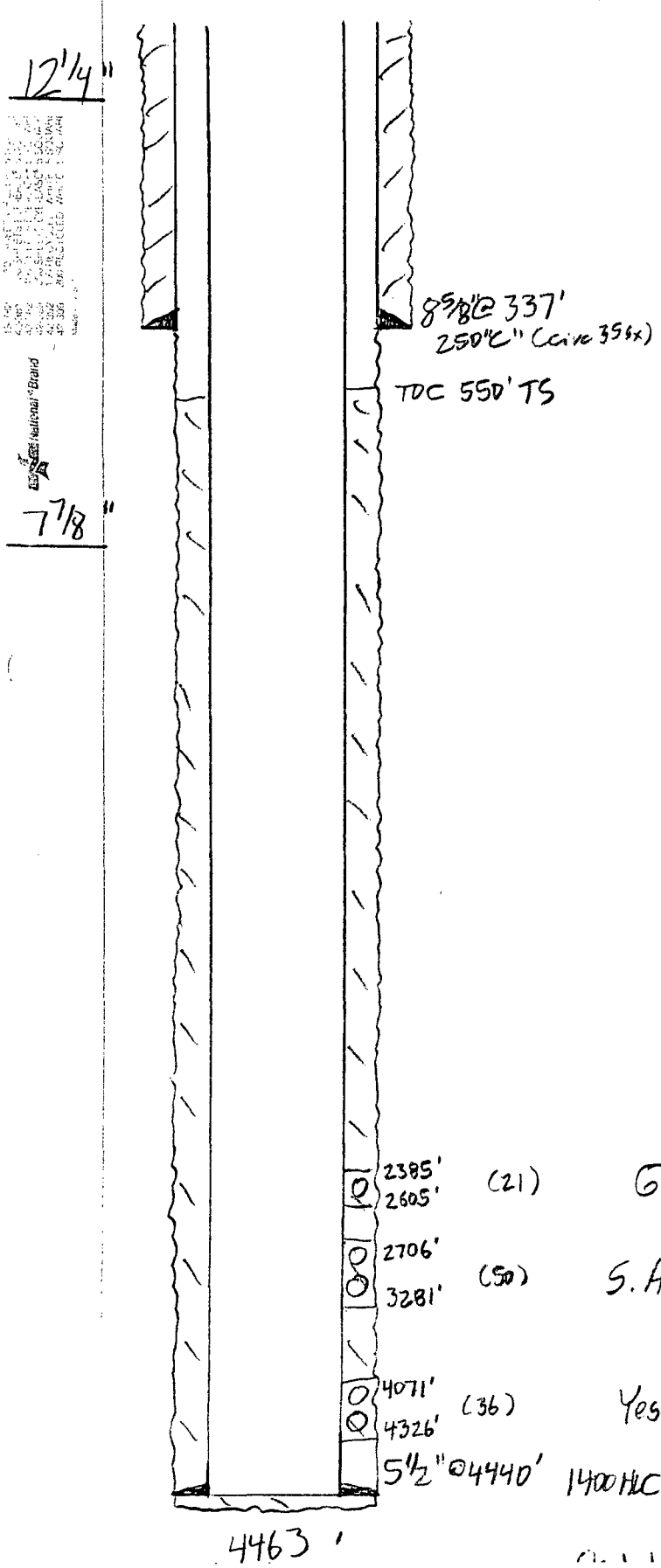
Well: DFU 41 (M. Dodd A-37)

Location: 1345' FSL, 330' FWL
L-14-17s-29e
Eddy NM
30-015-25397

Zero: 0' AGL
KB: -
GL: 3596.3'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8	24	J55	STC	337'
5 1/2	15.5	J55		4440



10/85: Yeso 4071-4138' (10) Acdz 500g 15%
4163-4177' (6) Acdz 500g 15%
4217-4222' (4) Acdz 500g 15%
4274-4326' (15) Acdz 500g 15%
Reacdz 4274-4326' 1000g. 15% HCl

S. Andres 2706-3281' (50) Acdz 4000g 10%
Frac 500# 20/40, 2800sx 12/20, 1200sx 8/16
153 @ 3050 psi.

Grbg 2385-2605' (21)
Frac 150sx 20/40, 375sx 12/20, 300sx 8/16
57 @ 2700 psi

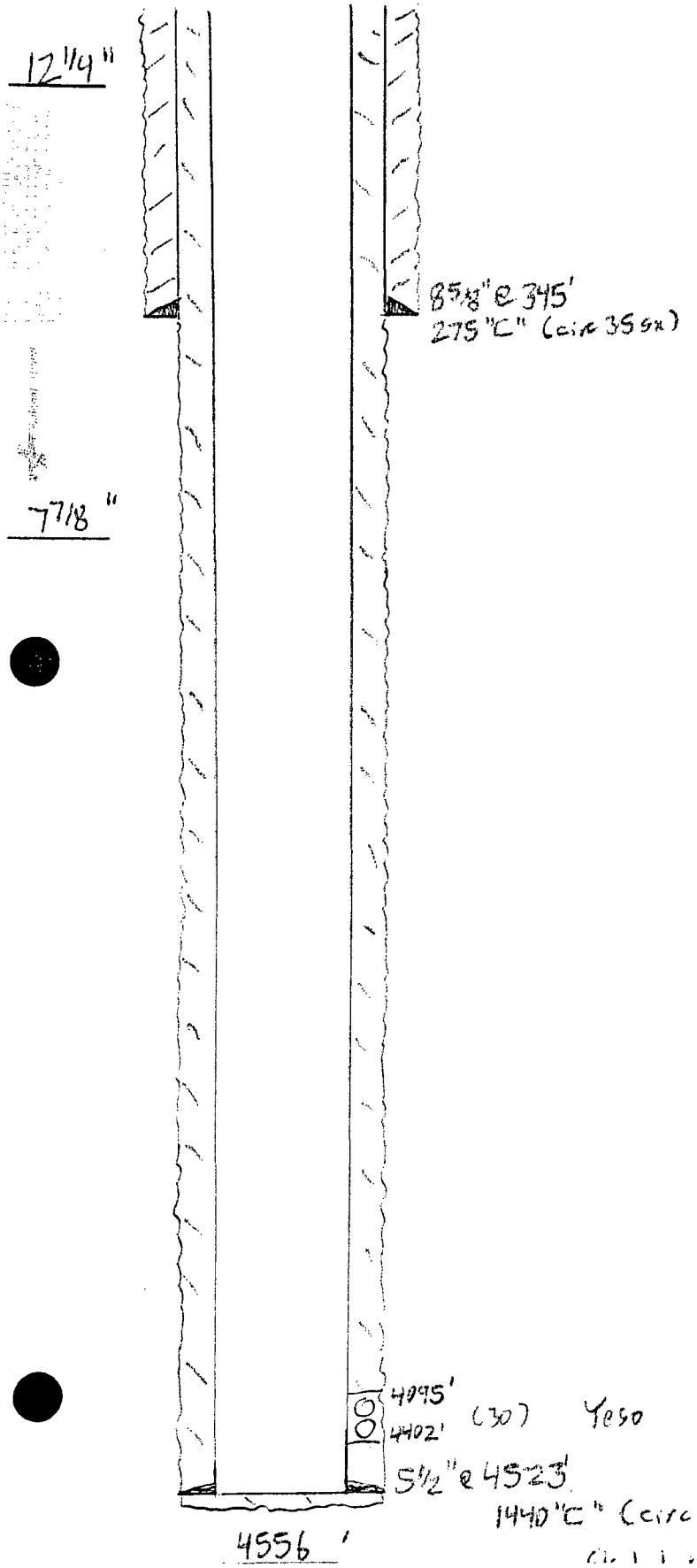
12/86: Treat Yeso 4071-4326' (36)
HA 54000g gel + 32,000g 20% HCl
7.2 @ 2200 psi
CA 5000g 15% HCl

Well: Dodd Fed Unit 46
(Cm. Dodd B-66)
Location: 1870' FSL, 2615' FEL
J-14-17s-29e
Eddy NM
30-015-26220

Zero: 9' AGL
KB: 3628.9
GL: 3619.9

Casing Program:

Size	Wt.	Grade	Conn.	Depth
8 5/8	24			345'
5 1/2	17	J55	LTC	4523'
2 7/8"	6.5	J55	EUE	



11/89 Yeso 4095, 97, 98, 99, 4101, 03, 07, 35, 36, 42, 43, 4228, 29, 32, 33, 80, 81, 84, 85, 90, 91, 4303, 04, 11, 12, 13, 70, 71, 4401, 4402' (30)

BD 2000g 15% HCl
HA 54000g gel + 32,000g 20% HCl
CA 5000g 15% HCl

9/90: Pump chg.
1/91: HIT #133 collar. Laydown most 1" & 7/8" rods & replace w/ 3/4"
11/94: Pump chg
4/96: Pump chg
7/96: Pump chg
9/96: Rodpart 3/4" x 2' slk on top pump.
6/97: 2000g 15% HCl
6/02: Pump chg (Fes)

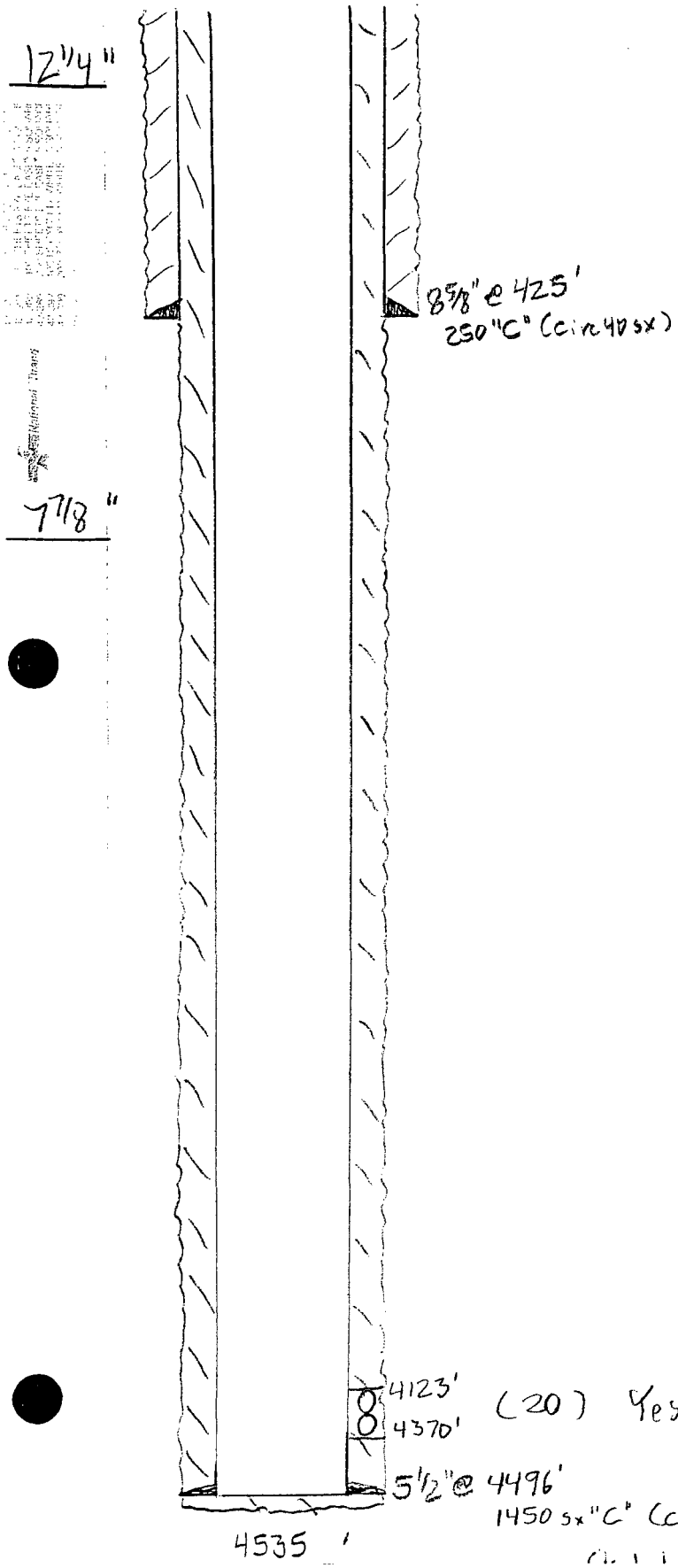
Well: Dodd Fed Unit 48
(M. Dodd B-67)

Location: 2615' FSL, 1980' FEL
J-14-17S-29E
Eddy NM
30-015-26365

Zero: 8' AGL
KB: 3626.9'
GL: 3618.9'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	STC	425'
5 1/2"	17	J55	LTC	4496'
2 7/8"	6.5	J55	EVE	4398'
				(134 jts)



11/90: Yeso 4123, 31, 58, 64, 4252, 53, 55, 61, 64, 72, 73, 87, 88, 92, 4301, 03, 18, 35, 51, 70, (20)

BD 2000g 15% HCl
HA 54000g gel + 32,000g 20% HCl
6 bpm @ 1800 psi ISI = 1220 psi
CA 5000g 15% HCl

11/91: LD 136 7/8" rods & repl with 3/4"
11/92: Parted @ top pmp. Pump chg
10/93: Pump chg
4/01: Pump chg
3/02: Pump chg
11/03: Pump chg
4/05: 500g acid + 500 xylene

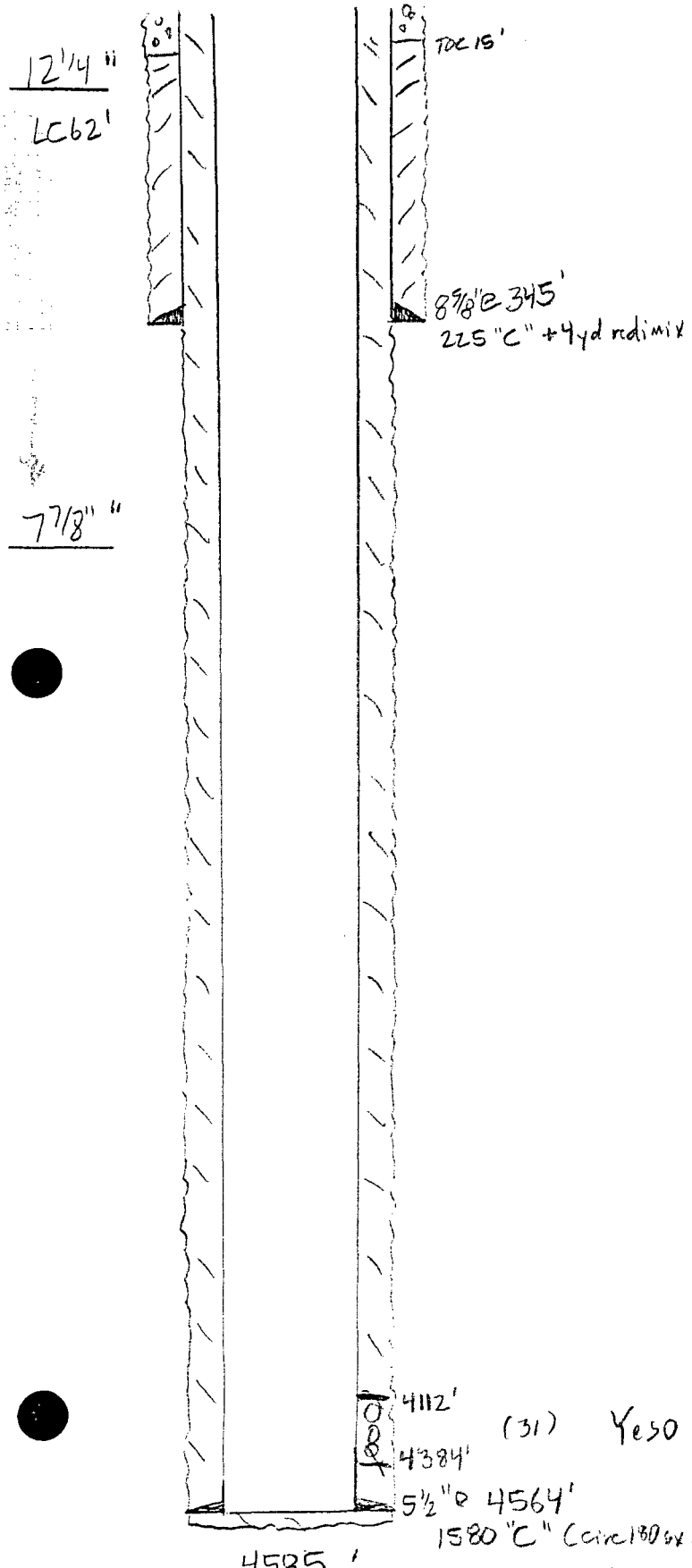
Well: Dodd Fed Unit 49
(M. Dodd B-65)

Location: 1980' FSL, 1345' FEL
J-14-17s-29e
Eddy NM
30-015-26227

Zero: 9' AGL
KB: 3632.6
GL: 3623.6

Casing Program:

Size	Wt.	Grade	Conn.	Depth
8 5/8"	24			345'
5 1/2"	17	J55	LTC	4564'



11/89: Yeso 4112, 13, 14, 16, 17, 18, 37, 38, 42, 43, 44, 4233, 34, 35, 36, 63, 69, 78, 79, 89, 94, 4306, 12, 25, 46, 50, 56, 62, 74, 80, 4384' (31)
BD 2000g 15% HCl
HA 34000g gel + 32000g 20% HCl 6 bpm @ 1600
ISI 1150
CA 5000g 15% HCl

6/93: Pmp chg

9/98: Pmp chg

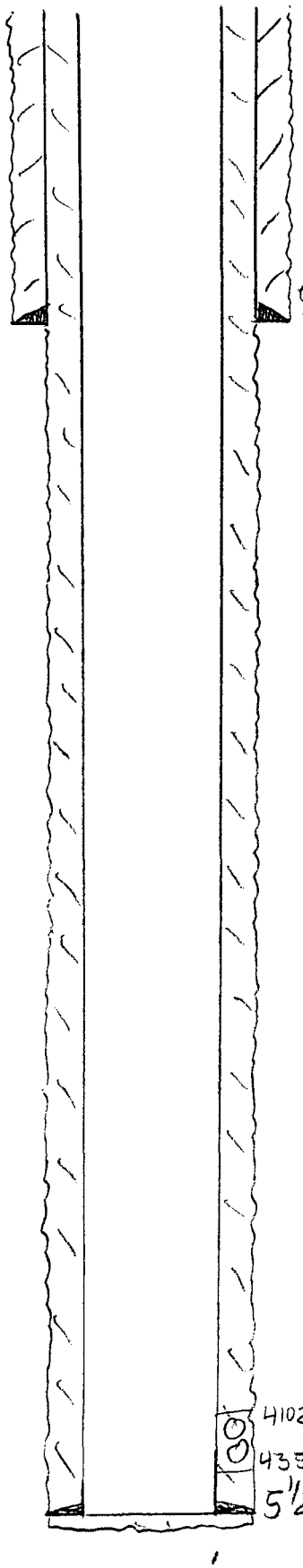
Well: Dodd Fed Unit 62
(Ml. Dodd A-43)

Location: 330'FSL, 1650'FWL
N-14-17s-29e
Eddy NM
30-015-26282

Zero: 8' AGL
KB: 3615.4'
GL: 3607.4'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
8 5/8	24	J55	STC	340'
5 1/2	17	J55	LTC	4533'
		+N80		
2 7/8	6.5	J55	EUE	



4/90: Yeso 4102, 03, 10, 20, 29, 34, 39, 66, 76, 4205, 11, 30, 37, 41, 47, 48, 51, 67, 68, 73, 91, 99, 4308, 20, 23, 24, 29, 41, 46, 4359' (30)

BD 2000g 15% HCl
HA 54,000g gel + 32,000g 20% HCl
CA 4,000g 15% HCl

9/93: Pump chg.

8/02: Pump chg

8/02: HIT Rpl. last 7 jts (pitting) Pump chg

10/03: Rod part #74, 7/8", box Pump chg

Well: DFU 100

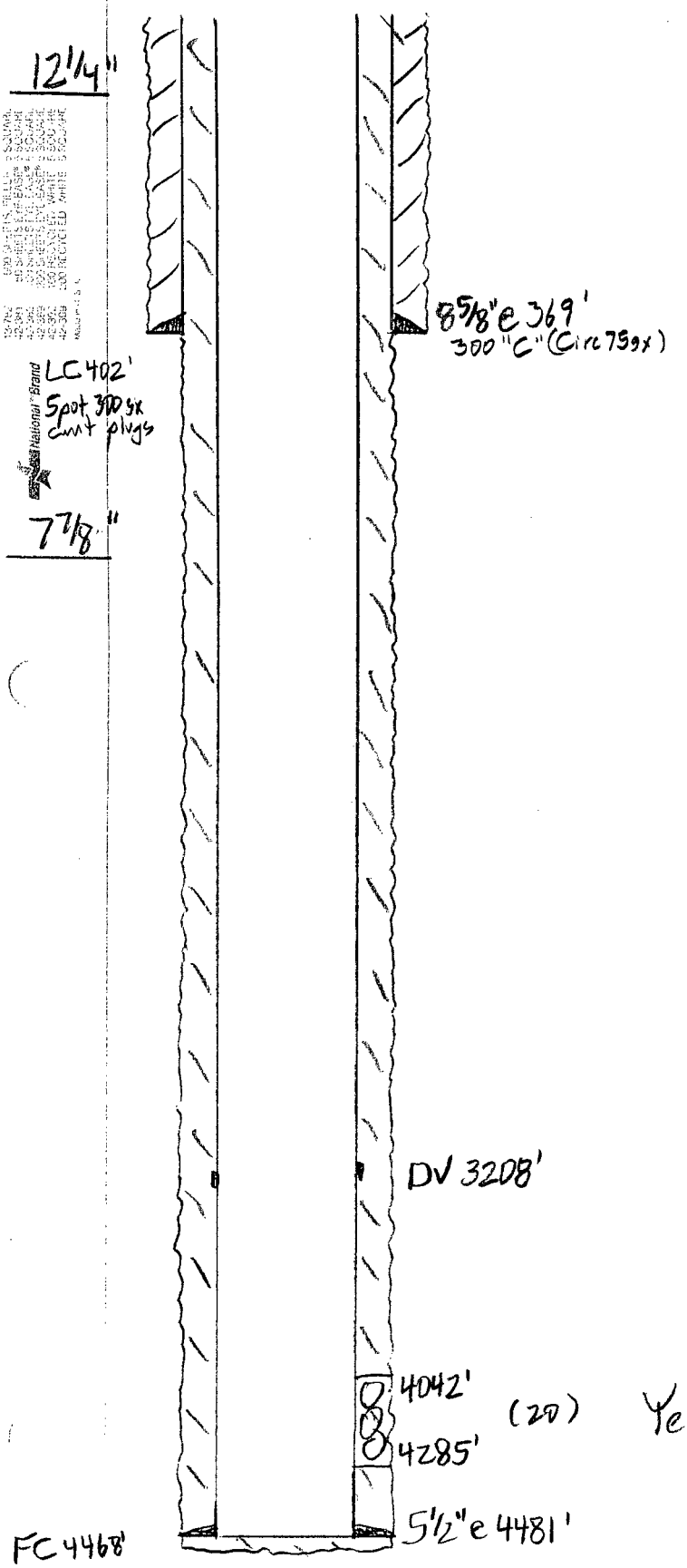
Location: 1030' FSL, 1650' FEL
O-15-17s-29e
Eddy NM
30-015-34560'

Zero: 14' AGL
KB: 3606'
GL: 3592'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	STC	369'
5 1/2"	17	J55	LTC	4481'
2 7/8"	6.5	J55	EUE	

606' Yeso 4042', 53, 58, 79 4145, 51, 55, 63, 79, 83', 92', 96', 4203, 08, 20, 40, 60, 67, 77 4285' (20)
Acdz 2000g 15% HCl BDx2
HA 5400g gel + 35,000g 20% HCl 20/30/1630
CA 5000g 15% HCl



1st: 250sx per H (Could not fill if circ out)
2nd: 1800 HLC + 500sx per H (circ 175sx)

Well: DFU 101

Location: 1195' FSL, 1345' FEL
O-11-17s-29e
Eddy, NM
30-015-34566

Zero: 14' AGL
KB: 3653'
GL: 3639'

Casing Program:

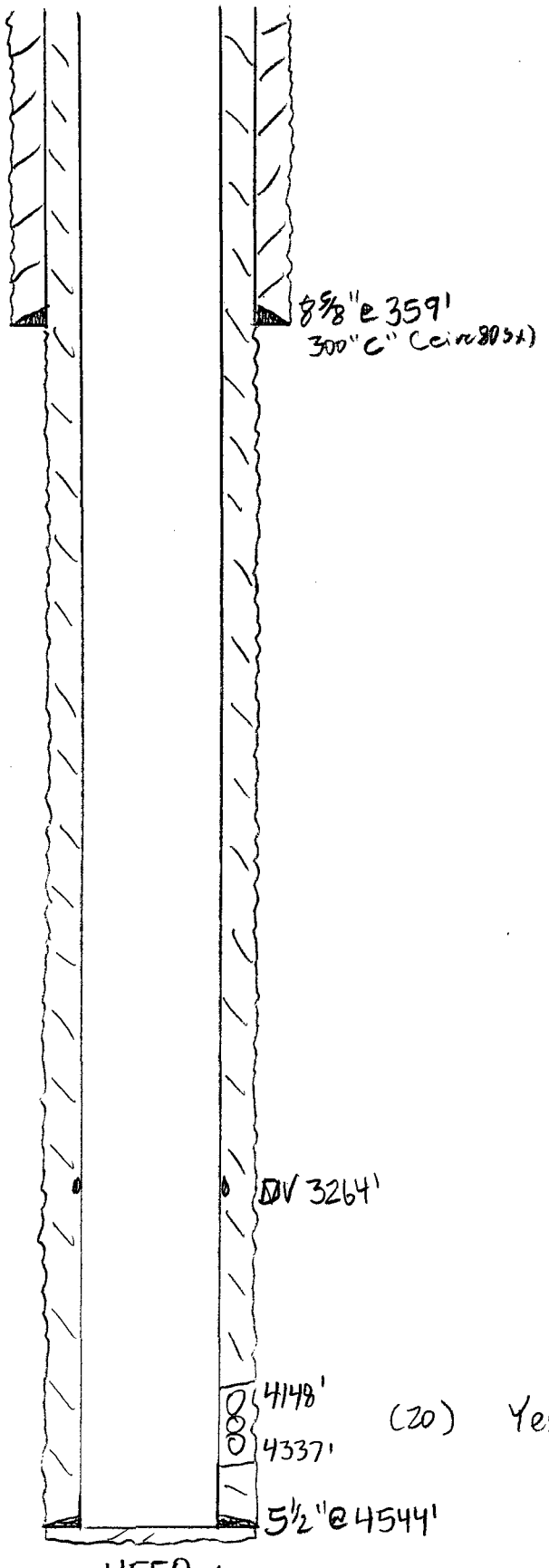
Size	Wt.	Grade	Conn	Depth
8 3/8"	24	J55	STC	359'
5 1/2"	17	J55	LTC	4544'
2 7/8"	6.5	J55	EUE	

6/06: Yeso: 4148', 62, 67, 72, 79, 4211, 24, 43, 55, 62, 68, 77, 83, 87, 91, 4300', 12, 18, 30, 4337' (20)

Acdz 2000g 15%

HA: 54,000g x-l + 35,000g 20% HCl 20:2e/870

CA: 5000g 15% HCl



(20) Yeso

1st: 250 S. per H (Circ 67 sx)
2nd: 550 HLC + 600 S. per H (Circ 142 sx)

FC

Well: DFU 103

Location: 330' FSL, 430' FWL
M-14-17s-29e
Eddy NM
30-015-34499

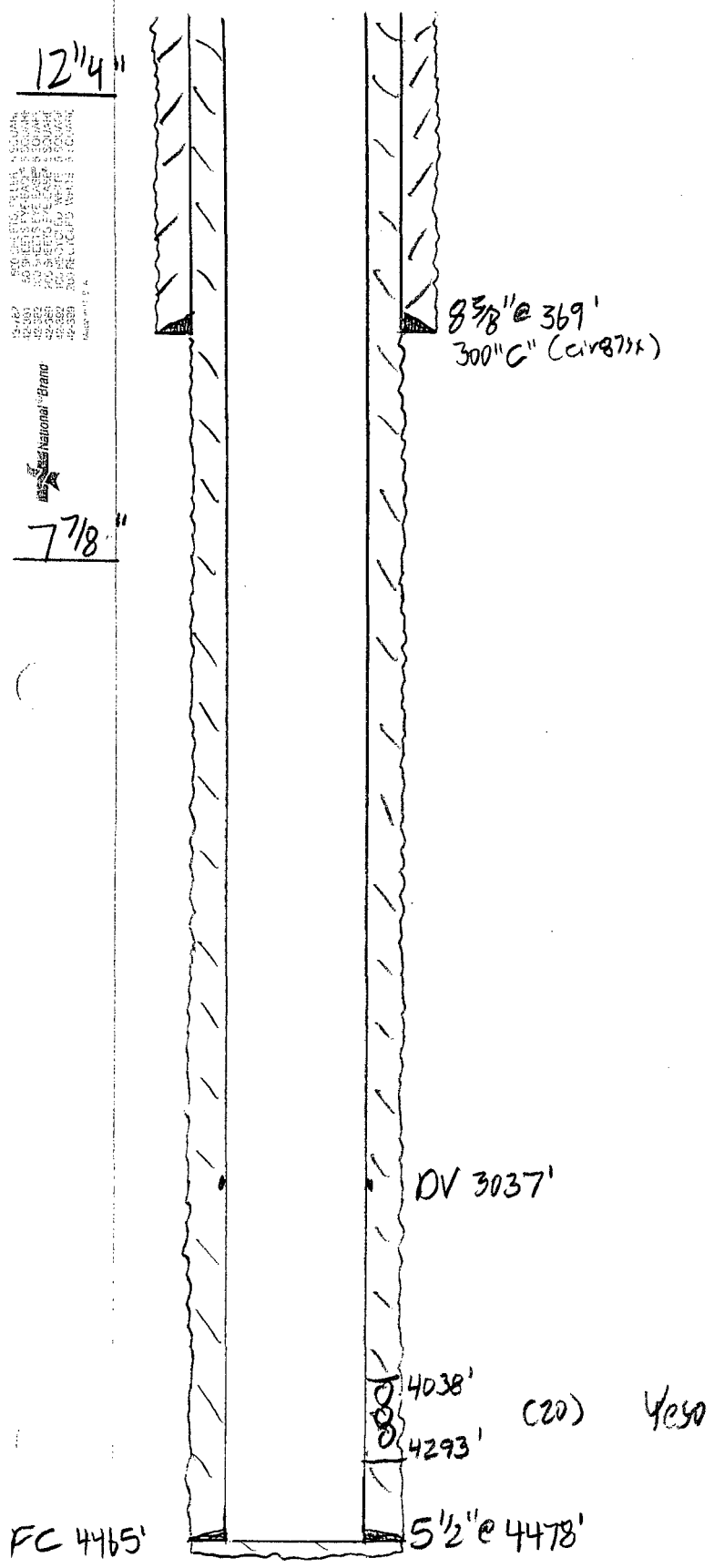
Zero: 14' AGL
KB: 3604'
GL: 3590'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	STC	369'
5 1/2"	17	J55	LTC	4478'
2 7/8"	6.5	J55	EUE	

Tbg: Yeso 4038', 81, 89, 95, 99, 4125, 36, 49, 54, 70, 96, 4220, 27, 35, 44, 51, 57, 62, 73, 4293' (20)

Acdz 2000g 15%
HA 5400g gel + 3500g 20% 20@1690
CA 5000g 15% HCl



1st: 250 Super H (circ 42sx)
2nd: 300 HLC + 550 Super H (circ 34sx)

Well: DFV 104

Location: 1980' FNL, 1305' FWL
E - 14 - 17s - 29e
Eddy NM
30-015-

Zero: 14' AGL
KB: 3626'
GL: 3612'

Casing Program:

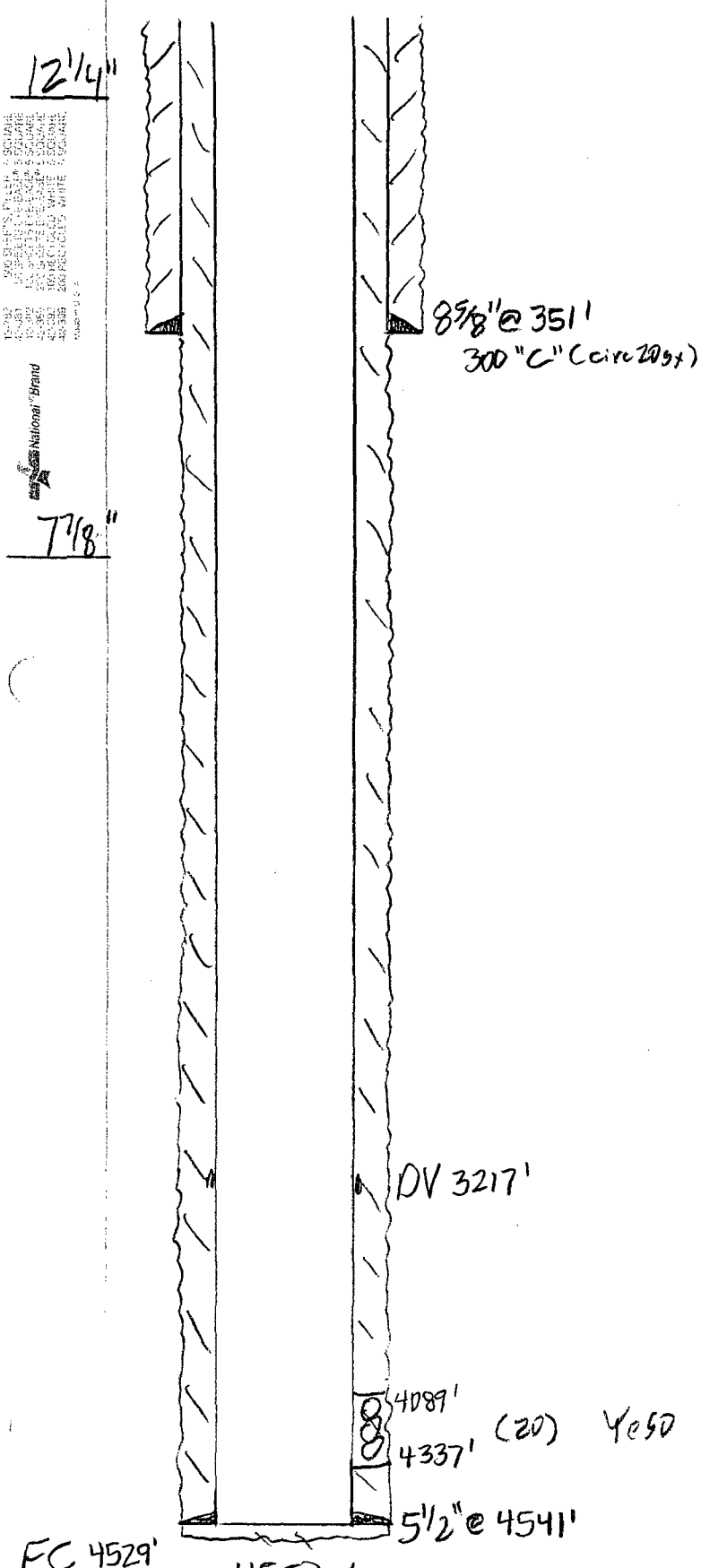
Size	Wt.	Grade	Conn	Depth
8 5/8	24	J55	STC	351'
5 1/2"	17	J55	LTC	4541'
2 7/8	6.5	J55	EUE	

10/06: Yeso 4089, 93, 99, 4120, 39, 80, 89, 4211, 17, 24, 32, 41, 53, 67, 74, 84, 4300, 15, 30, 4337' (20)

Acdz 2000g 15%

HA 54000g gel + 35000g 20%

CA 5000g 15% HCl



1st: 250 Sx per H (circ 103sx)

2nd: 250 HLC + 500 Sx per H (circ 75sx)

Well: DFU 105

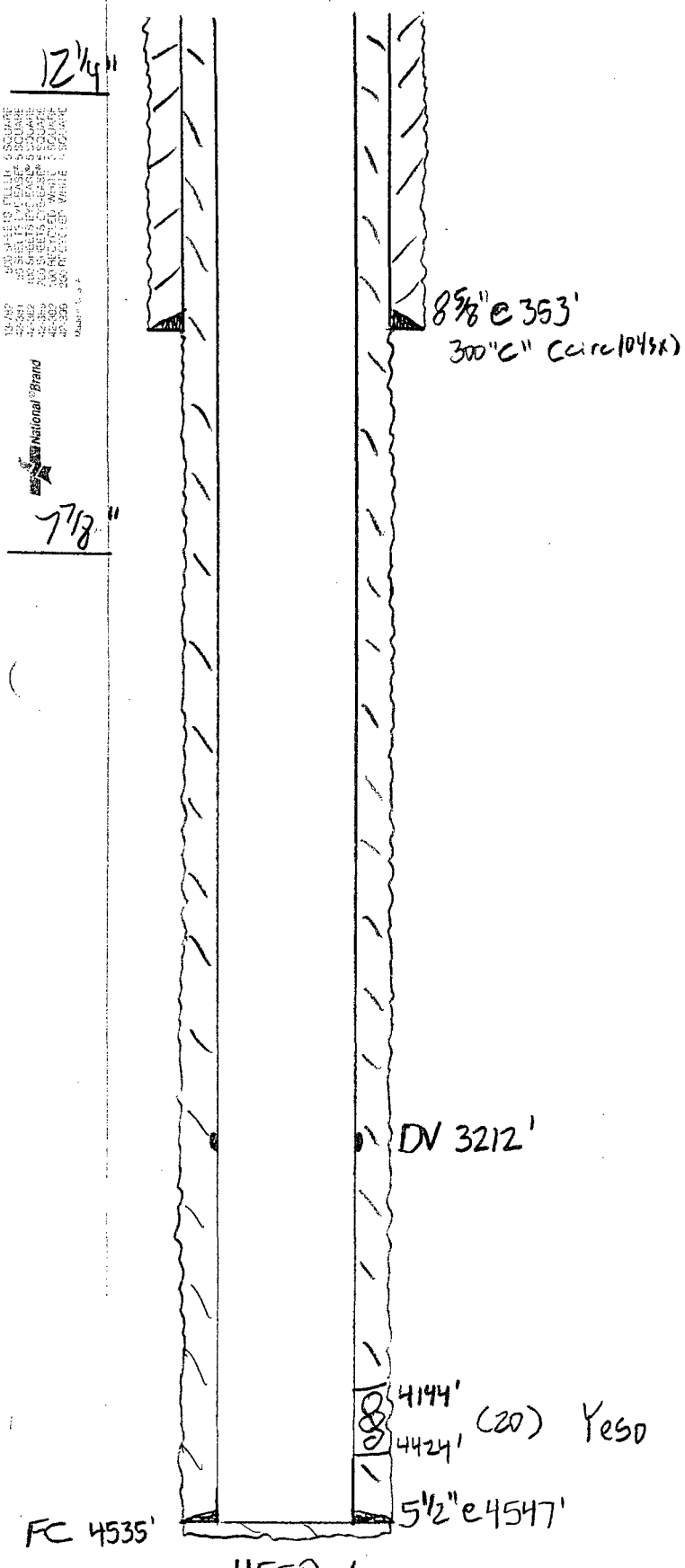
Location: 255' FNL, 330' FEL
A - 14 - 17s - 29e
Eddy NM
30-015-34562

Zero: 14' AGL
KB: 3647'
GL: 3633'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
8 5/8"	24	J55	STC	353'
5 1/2"	17	J55	LTC	4547'
2 7/8	6.5	J55	EUE	

10/06: Yeso 4144', 70, 77, 85, 94, 4221, 41, 63, 75, 83, 92, 96, 4305, 21, 31, 40, 58, 85, 4402, 4424' (20)
Acdz 2000g 15% HCl
HA 54000g gel + 35000g 20% 20/40 CRC
CA 5000g 15% HCl



1st: 250 Super H (circ 68sx)
2nd: 350 HLC + 500 Super H (circ 114sx)

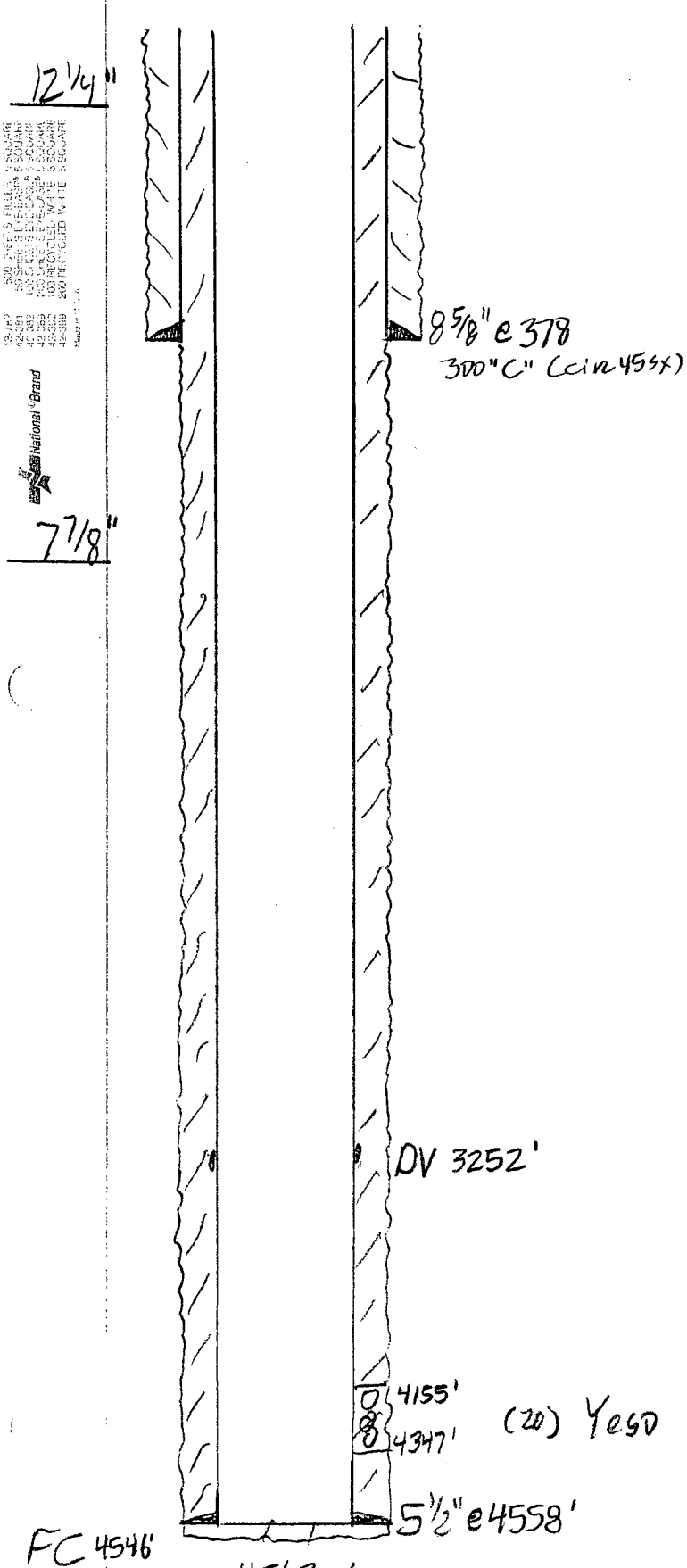
Well: DFU 106

Location: 660' FNL, 1275' FEL
A-14-17S-29E
Eddy NM
30-015-34563

Zero: 12' AGL
KB: 3642'
GL: 3630'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	STC	378'
5 1/2"	17	J55	LTC	4558'
2 7/8"	6.5	J55	EUE	



12/06 Yeso 4155', 59, 67, 75, 87, 4202, 15, 19, 45, 54, 64, 73, 82, 92, 4302, 05, 19, 25, 38, 4347' (20)
Acdz 2000g 15%
HA 5400g gel + 3500g 20%
CA 5000g 15% HCl

1st: 275 SuperH (circ 133sx)
2nd: 350 HLC + 450 SuperH (circ 114sx)

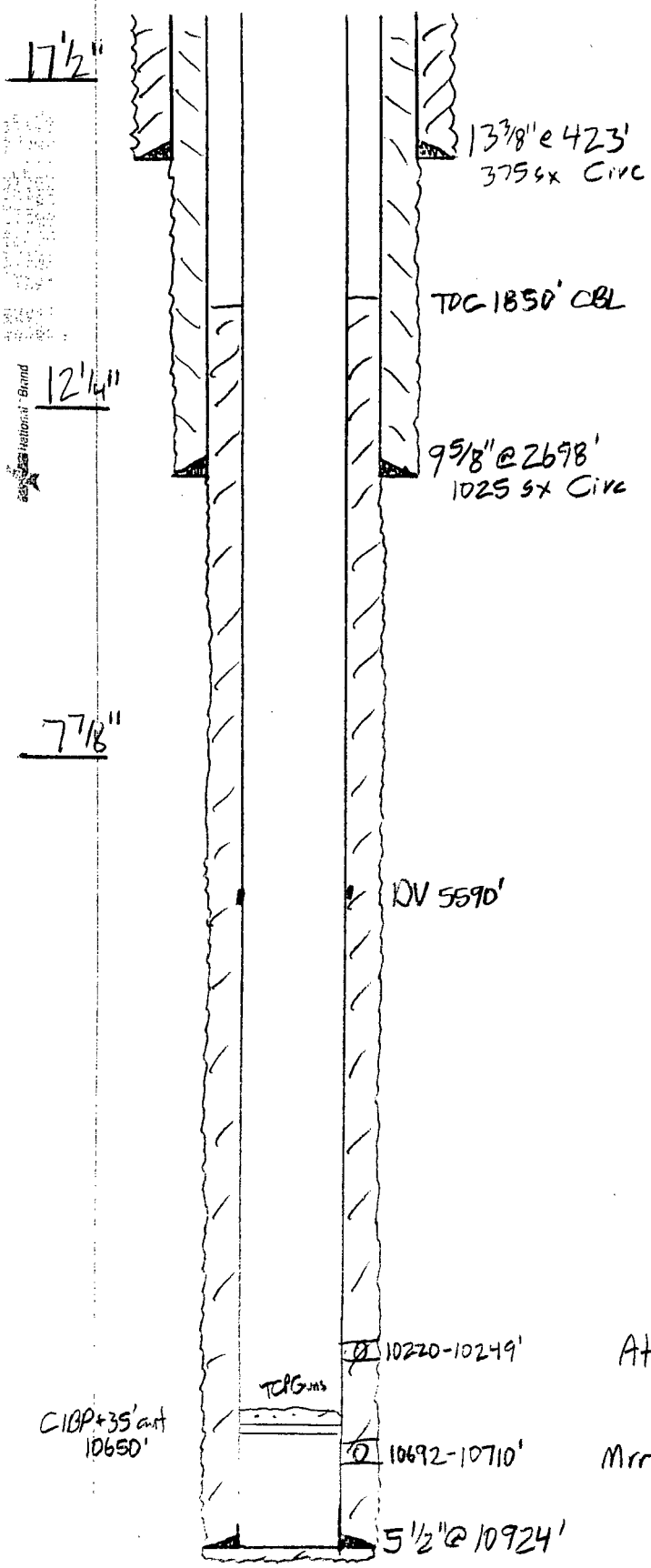
Well: Durango 10 Fed. 1

Location: 840' FSL, 1140' FEL
P-10-17s-29e
Eddy NM

Zero: _____
KB: _____
GL: 3602'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
13 3/8"	48			423'
9 5/8"	36			2698'
5 1/2"	17	N80, P110		10924'



1st: 300 Interfill H + 900 Super H

2nd: 700 Interfill C + 50 "C"

— Sketch Not To Scale —

Well: Delta Wing Fed. #2

Location: 660' FSL, 2080' FWL
N-11-17s-29e
Eddy NM

Zero: 15.6' AGL
KB: 3641'
GL: 3625.4'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
13 3/8"	54.5	H55	STC	414'
9 5/8"	32	H55	STC	4500'
7"	23	H55	LTC/BTC	9380'
4 1/2"	11.6	N80	LTC	9189-10910'
(Liner dropped 40' to bottom)				
2 3/8"	4.7	N80	EUE	RTTS pkr 10682'

17 1/2"
LR @ 205'

13 3/8" @ 414'
425 "C" + 310 "C" 1" + 20 yds gravel

11"

9 5/8" @ 4500'
1650 sx 65:35:6 "C" Lite + 290 "C"
circ 330 sx.

7 7/8"

LR @ 8941'
(±13 cmt plugs)

7" @ 9380'
200 sx "H" 5 1/2 shoe 200 sx H

6 1/8"

10762-10806' (264) Morrow

PBD 10910'

4 1/2" liner 9189-10910'
250 sx H

10910'

— Sketch Not To Scale —

KBCollins / 12Dec00

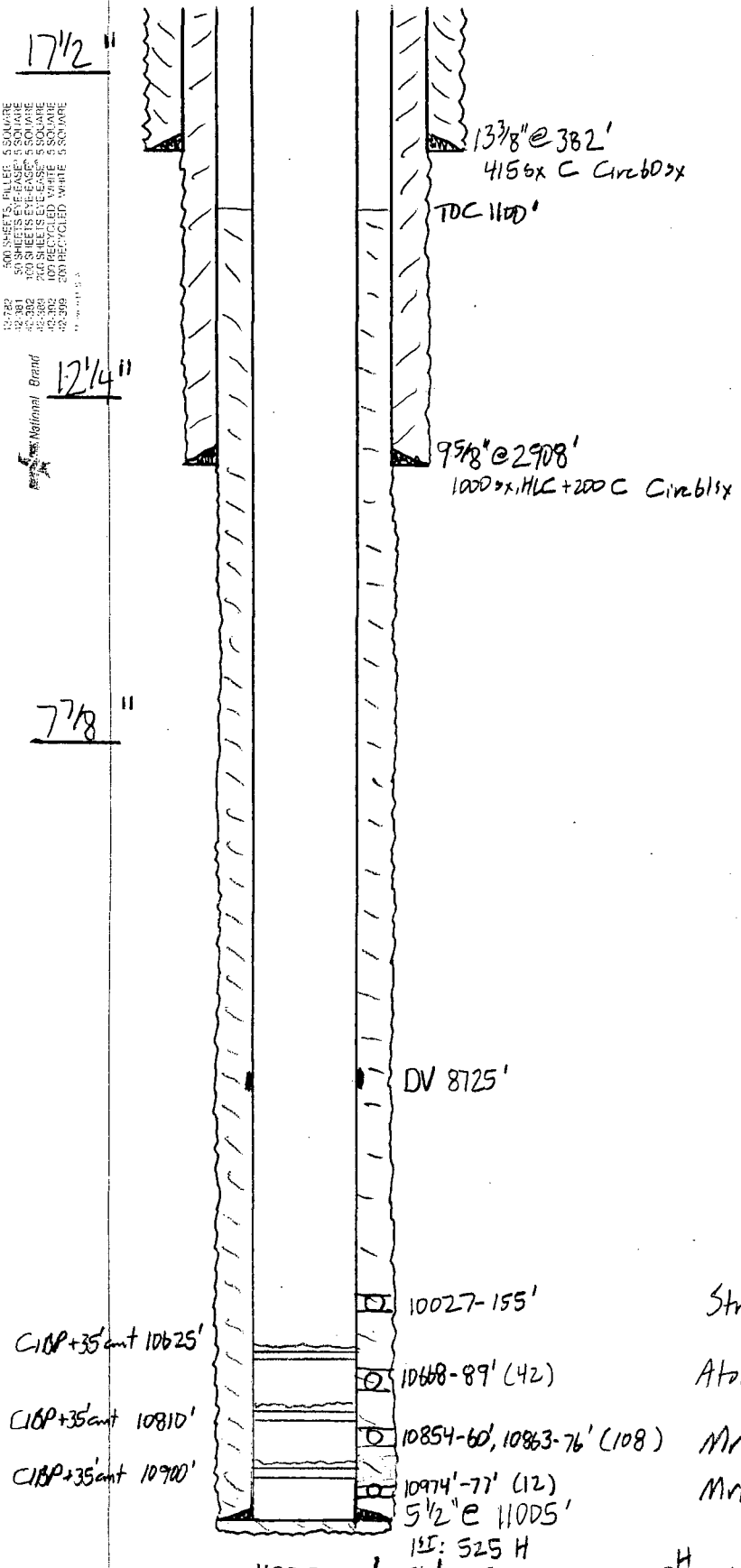
Well: M. Dodd B Deep Fed. 1

Location: 1650' FSL, 737' FEL
I-14-17s-29e
Eddy NM

Zero: 16' AGL
KB: 3634'
GL: 3618'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
13 3/8"	48			382'
9 5/8"	36	J55		2908'
5 1/2"	17	N80	LTC	± 4196'
	17	J55	LTC	± 9229'
	17	N80	LTC	11005'
				1.87" O/D
2 7/8	6.5		EUE	9938' Pkr 9987' Tbg Release



DST #1 7309-7385' WC V. tight
ISI = 99 FSI = 240 BHT = 112°F
Rec 60' rathole mud
Sampler: 2300 cc mud

DST #2 7400-7444' WC Low Kh Oil Zone "S" Cave
ISI = 876 FSI = 2700 BHT = 113°F
Rec 347' wtr + trace oil
Sampler: Tr. oil
2600 cc wtr. 56,000 Cl⁻
(Mud 64000 Cl⁻)

DST #3 10108-10173'
ISI = 4440 FSI = 4472 BHT = 147°F
Rec 502' Cond & mud
Sampler: 1000 cc oil
640 cc mud
0.39 cfg

Sketch Not To Scale — KBCollins / 26 Dec 00

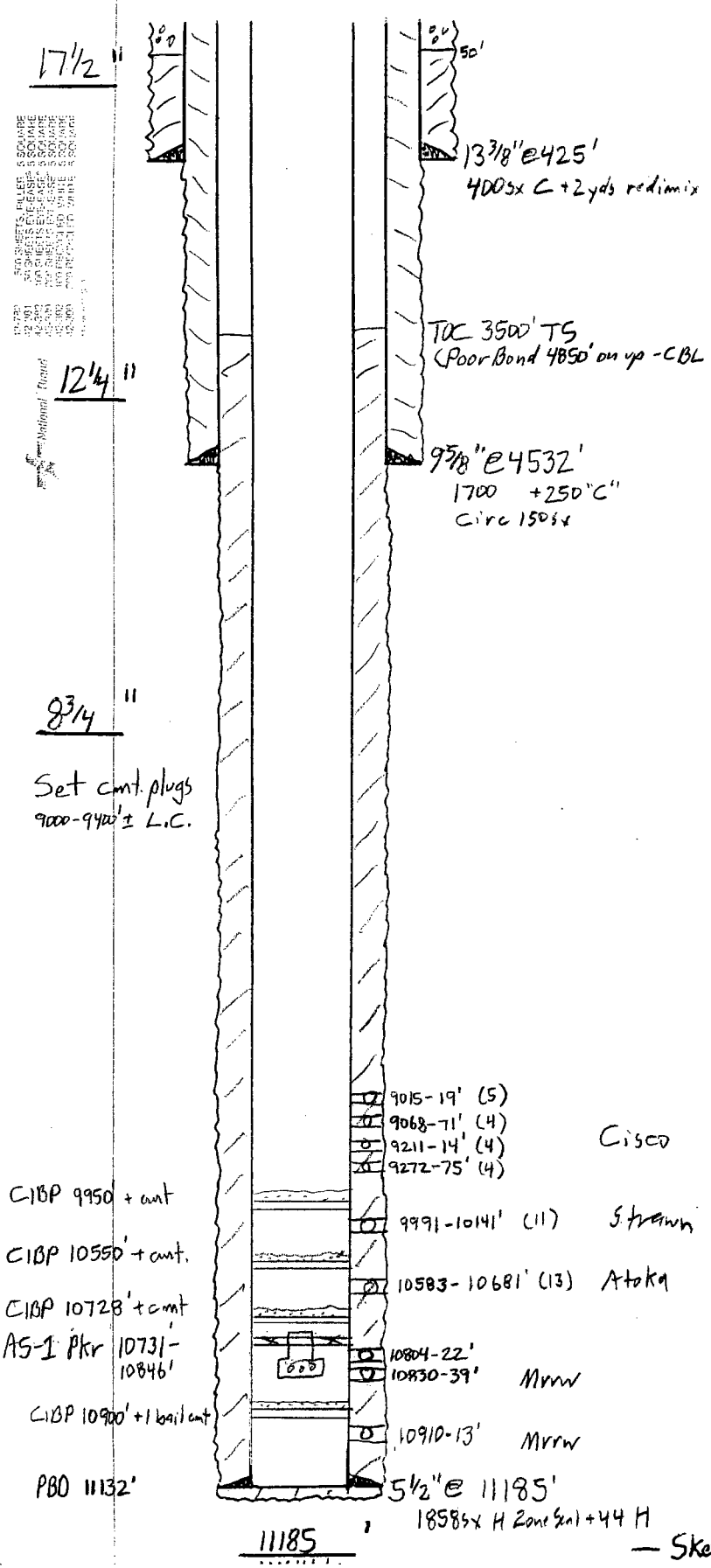
Well: Mary Dodd "B" Deep 2 SWD

Zero: 17' AGL
KB: 3642'
GL: 3625'

Location: 1980' FNL, 1295' FEL
14-17s-29e
Eddy NM

Casing Program:

Size	Wt.	Grade	Conn.	Depth
13 3/8"	48	H40	STC	425'
9 5/8	36, 40	J55	STC	4532'
-				
5 1/2"	17	P110	LTC	11185'
2 3/8"	4.7	N80	EUE	



DST #1 Cisco 9048-9100'

12/00: Perf Mrrw 10910-13' (4 spf) Acdz 250g. 7½%
BD 7313 psi. 2.5 @ 6000 ISI 4481 15" 4021 Swab dry.
CIBP @ 10900' + 1 bailer cmt.
TCP Stimgun 10804-22', 10830-39' (164)
2100 psi 3/8" ck.

"AFTER"

— Sketch Not To Scale —

KBCollins

Well: Delta W[illegible] Fed. 1 SWD

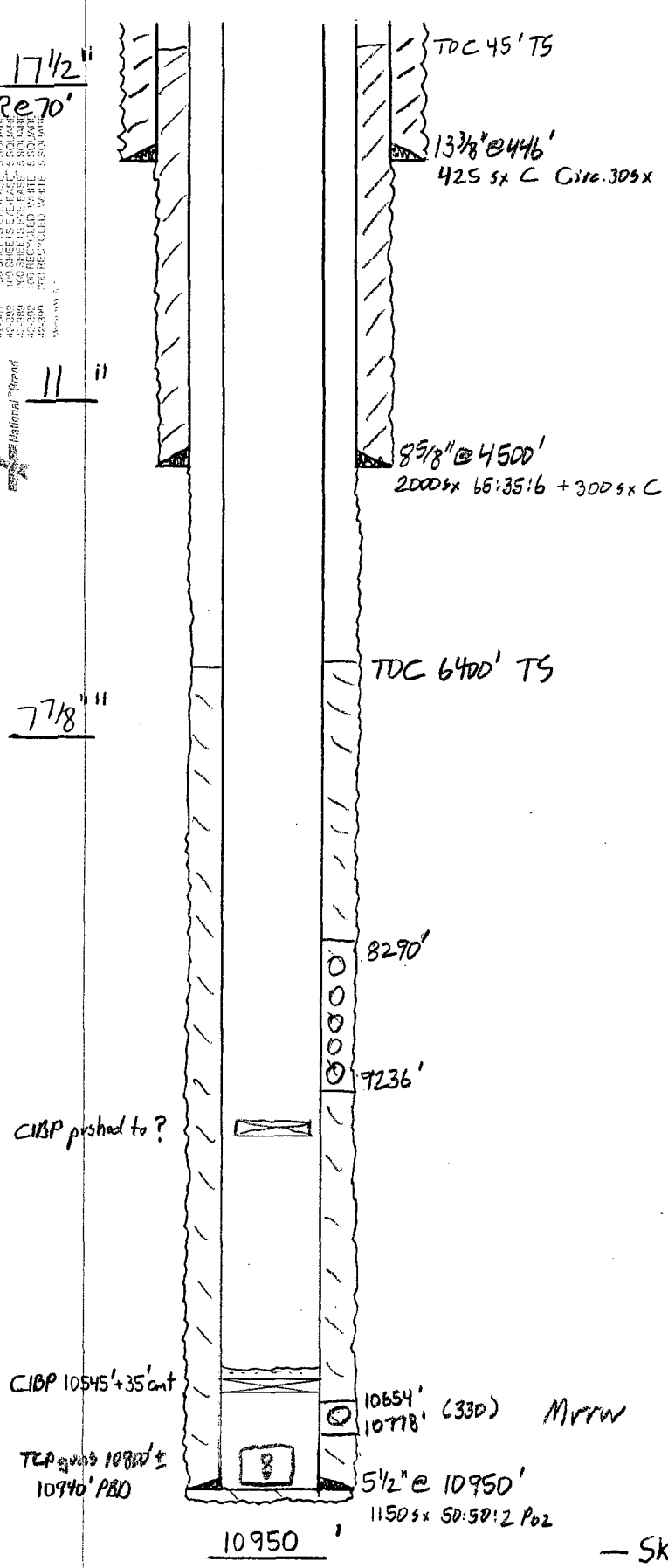
Location: 1980' FEL, 810' FNL
15-17s-29e
Eddy NM

Zero: 14.7' AGL
KB: 3605.5'
GL: 3590.8'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
13 3/8"	54.5	K55	STC	446'
8 5/8"	32	K55	STC	4500'
5 1/2"	17	K55	BTC	723'
	17	N80	LTC	10950'
			PC	Permalatch
2 7/8	6.5	J55	EUE	8200'

BHP: 6-4-90: 3552 psi @ 10654'
12-17-90: 1737 psi @ 10617'



— Sketch Not To Scale —

KBCollins/

VII.

WATER ANALYSIS

Injection Water

HALLIBURTON DIVISION LABORATORY

EXHIBIT A

(Section VII, C-108)

HALLIBURTON SERVICES

ARTESIA DISTRICT

LABORATORY REPORT

No. W167 & W168-93

Marbob Energy Corporation

Date May 20, 1993

P. O. Box 304

Artesia, NM 88210

Submitted by _____ Date Rec. _____

Well No. _____ Depth _____ Formation _____

Field _____ County _____ Source _____

	Burch Keely		Mary Dodd A
Resistivity	0.066 @ 70°		0.060 @ 70°
Specific Gravity ..	1.0979 @ 70°		1.1250 @ 70°
pH	7.0		7.0
Calcium	4,379		3,332
Magnesium	2,081		2,890
Chlorides	84,000		111,000
Sulfates	1,000		400
Bicarbonates	976		1,403
Soluble Iron	0		0

Remarks: Produced Water Analyses

Respectfully submitted

Analyst: Eric Jacobson - Operations Engineer

HALLIBURTON SERVICES

XI.

WATER ANALYSIS

Livestock Fresh Water Well Located NW/4NW/4 Sec. 22-T17S-R29E Eddy County, NM

HALLIBURTON

PERMAIN BASIN OPERATIONS LABORATORY
WATER ANALYSIS REPORT
HOBBS, NEW MEXICO

COMPANY Marbob

REPORT W06-153
DATE July 25, 2006
DISTRICT Hobbs

SUBMITTED BY Stock Tank NW/4 NW/4 Sec. 22-17s-29e

WELL	Stock Tank	DEPTH	FORMATION	
COUNTY		FIELD	SOURCE	
TANK				
SAMPLE				
Sample Temp.	70 °F	°F	°F	°F
RESISTIVITY	4.73			
SPECIFIC GR.	1.002			
pH	7.43			
CALCIUM	750 mpl	mpl	mpl	mpl
MAGNESIUM	420 mpl	mpl	mpl	mpl
CHLORIDE	629 mpl	mpl	mpl	mpl
SULFATES	HIGH mpl	mpl	mpl	mpl
BICARBONATES	256 mpl	mpl	mpl	mpl
SOLUBLE IRON	0 mpl	mpl	mpl	mpl
KCL	NEGATIVE			
Sodium	mpl	mpl	mpl	mpl
TDS	mpl	mpl	mpl	mpl
OIL GRAVITY	@ °F	@ °F	@ °F	@ °F

REMARKS

MPL = Milligrams per litter
Resitivity measured in: Ohm/m2/m

ANALYST:

marbob
energy corporation

December 12, 2006

Artesia Daily Press
P. O. Box 190
Artesia, NM 88211-190

Re: Legal Notice
Water Injection Well

Gentlemen:

Enclosed is a legal notice regarding New Mexico Oil Conservation Division C-108 Application for Authorization to Inject for a water injection wells.

Please run this notice and return the proof of notice to the undersigned at Marbob Energy Corporation, P. O. Box 227, Artesia, NM 88211-0227.

Sincerely,

Brian Collins
Petroleum Engineer

BC/dlw

enclosure

ARTESIA DAILY PRESS
LEGAL NOTICES

Marbob Energy Corporation, Post Office Box 227, Artesia, New Mexico, 88211-0227, has filed Form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for seven water injection wells in the Dodd Federal Unit located in Township 17 South, Range 29 East, Eddy County, New Mexico.

Well	DFU 22	DFU 23	DFU 25	DFU 27	DFU 36	DFU 37	DFU 43
Footage Location	1225' FNL 225' FEL	125' FNL 25' FWL	75' FNL 1295' FWL	660' FNL 1980' FWL	1425' FNL 2615' FWL	2310' FNL 25' FWL	2180' FSL 860' FWL
Section	15	14	14	14	14	14	14
Injection Interval	4092-4315'	4166-4301'	4084-4301'	4074-4307'	4141-4263'	4062-4310'	4162-4360'
Maximum Pressure	818 psi	833 psi	817 psi	815 psi	828 psi	812 psi	832 psi
Maximum Rate	5000 bwpd	5000 bwpd	5000 bwpd	5000 bwpd	5000 bwpd	5000 bwpd	5000 bwpd

Injection water will be sourced from area wells producing from the San Andres and Yeso formations. The disposal water will be injected into the Yeso. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Francis Street, Santa Fe, New Mexico, 87505, within fifteen (15) days of this notice. Any interested party with questions or comments may contact Brian Collins at Marbob Energy Corporation, Post Office Box 227, Artesia, New Mexico 88211-0227, or call 505-748-3303.

Published in the Artesia Daily Press, Artesia, New Mexico _____, 2006.

marbob
energy corporation

December 12, 2006

Dominion E & P, Inc.
14000 Quail Springs Parkway
Oklahoma City, OK 73134

Re: Application to Inject
Dodd Federal Unit 22
1225' FNL 225' FEL, Sec. 15
Dodd Federal Unit 23
125' FNL 25' FWL, Sec. 14
Dodd Federal Unit 25
75' FNL 1295' FWL, Sec. 14
Dodd Federal Unit 27
660' FNL 1980' FWL, Sec. 14
Dodd Federal Unit 36
1425' FNL 2615' FWL, Sec. 14
Dodd Federal Unit 37
2310' FNL 25' FWL, Sec. 14
Dodd Federal Unit 43
2180' FSL 860' FWL, Sec. 14
Township 17 South, Range 29 East, NMPM
Eddy County, New Mexico

Gentlemen:

Enclosed for your review is a copy of Marbob Energy Corporation's application to convert the referenced wells into water injection wells. As a requirement of the New Mexico Oil Conservation Division, we are notifying you because you have been identified as an operator or surface owner within a one-half mile radius of one or more of the referenced wells. Please note this is a courtesy notification, as none of these wells penetrate the deep rights that Dominion owns in the offsetting acreage.

Please do not hesitate to contact us should you have any questions.

Sincerely,

Brian Collins
Petroleum Engineer

BC/dlw
enclosure

Post Office Box 227 • Artesia, New Mexico 88211-0227 • (505) 748-3303 • Fax (505) 746-2523

marbob
energy corporation

December 12, 2006

Bureau of Land Management
2909 W. 2nd St.
Roswell, NM 88201

Re: Application to Inject
Dodd Federal Unit 22
1225' FNL 225' FEL, Sec. 15
Dodd Federal Unit 23
125' FNL 25' FWL, Sec. 14
Dodd Federal Unit 25
75' FNL 1295' FWL, Sec. 14
Dodd Federal Unit 27
660' FNL 1980' FWL, Sec. 14
Dodd Federal Unit 36
1425' FNL 2615' FWL, Sec. 14
Dodd Federal Unit 37
2310' FNL 25' FWL, Sec. 14
Dodd Federal Unit 43
2180' FSL 860' FWL, Sec. 14
Township 17 South, Range 29 East, NMPM
Eddy County, New Mexico

Gentlemen:

Enclosed for your review is a copy of Marbob Energy Corporation's application to convert the referenced wells into water injection wells. As a requirement of the New Mexico Oil Conservation Division, we are notifying you because you have been identified as an operator or surface owner. Any objections must be submitted in writing to NMOCD, 1220 S. St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within fifteen (15) days of receipt of this letter. If you have no objections to our application, please indicate below and return one copy of this letter to our office.

Please do not hesitate to contact us should you have any questions.

Sincerely,

Brian Collins
Petroleum Engineer

BC/dlw
enclosure

Post Office Box 227 • Artesia, New Mexico 88211-0227 • (505) 748-3303 • Fax (505) 746-2523

Bureau of Land Management has no objection to the proposed disposal well:

By: _____

Title: _____

Date: _____

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on reverse side.*

1. Type of Well: ☐ Oil Well ☐ Gas Well ☑ Other

2. Name of Operator: **MARBOB ENERGY CORPORATION**

3a. Address: **P O BOX 227, ARTESIA, NM 88211-0227**

3b. Phone No. *(include area code)*: **505-748-3303**

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*

SEC. 15-T17S-R29E, UNIT A
1225 FNL 225 FEL, NE/4NE/4

5. Lease Serial No.: **NMLC028731B**

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA/Agreement, Name and/or No.: **NMNM111789X**

8. Well Name and No.: **DODD FEDERAL UNIT #22**

9. API Well No.: **30-015-25341**

10. Field and Pool, or Exploratory Area: **GRBG JACKSON SR Q GRBG SA**

11. County or Parish, State: **EDDY COUNTY, NM**

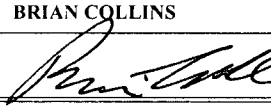
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☑ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

MARBOB ENERGY CORPORATION PROPOSES TO CONVERT THIS WELL TO INJECTION. NMOCD C-108 "APPLICATION FOR AUTHORIZATION TO INJECT" IS ATTACHED.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*: **BRIAN COLLINS** Title **PETROLEUM ENGINEER**

Signature:  Date **12/12/2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on reverse side.*

1. Type of Well: ☐ Oil Well ☐ Gas Well ☑ Other

2. Name of Operator: **MARBOB ENERGY CORPORATION**

3a. Address: **P O BOX 227, ARTESIA, NM 88211-0227**

3b. Phone No. *(include area code)*: **505-748-3303**

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*

SEC. 14-T17S-R29E, UNIT D
25 FWL 125 FNL, NW/4NW/4

5. Lease Serial No.: **NMLC028731B**

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA/Agreement, Name and/or No.: **NMNM111789X**

8. Well Name and No.: **DODD FEDERAL UNIT #23**

9. API Well No.: **30-015-25790**

10. Field and Pool, or Exploratory Area: **GRBG JACKSON SR Q GRBG SA**

11. County or Parish, State: **EDDY COUNTY, NM**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☑ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

MARBOB ENERGY CORPORATION PROPOSES TO CONVERT THIS WELL TO INJECTION. NMOCD C-108 "APPLICATION FOR AUTHORIZATION TO INJECT" IS ATTACHED.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*: **BRIAN COLLINS** Title **PETROLEUM ENGINEER**

Signature: Date **12/12/2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on reverse side.*

5. Lease Serial No.
NMLC028731B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM111789X

1. Type of Well
☐ Oil Well ☐ Gas Well ☑ Other

8. Well Name and No.
DODD FEDERAL UNIT #25

2. Name of Operator **MARBOB ENERGY CORPORATION**

9. API Well No.
30-015-25456

3a. Address
P O BOX 227, ARTESIA, NM 88211-0227

3b. Phone No. *(include area code)*
505-748-3303

10. Field and Pool, or Exploratory Area
GRBG JACKSON SR Q GRBG SA

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEC. 14-T17S-R29E, UNIT D
75 FNL 1295 FWL, NW/4NW/4

11. County or Parish, State
EDDY COUNTY, NM

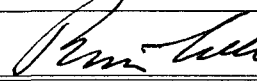
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☑ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

MARBOB ENERGY CORPORATION PROPOSES TO CONVERT THIS WELL TO INJECTION. NMOCD C-108 "APPLICATION FOR AUTHORIZATION TO INJECT" IS ATTACHED.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **BRIAN COLLINS** Title **PETROLEUM ENGINEER**

Signature  Date **12/12/2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
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(Instructions on page 2)

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on reverse side.*

5. Lease Serial No.
NMLC028731B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM111789X

1. Type of Well
☐ Oil Well ☐ Gas Well ☑ Other

8. Well Name and No.
DODD FEDERAL UNIT #27

2. Name of Operator **MARBOB ENERGY CORPORATION**

9. API Well No.
30-015-02978

3a. Address
P O BOX 227, ARTESIA, NM 88211-0227

3b. Phone No. *(include area code)*
505-748-3303

10. Field and Pool, or Exploratory Area
GRBG JACKSON SR Q GRBG SA

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEC. 14-T17S-R29E, UNIT C
660 FNL 1980 FWL, NE/4NW/4

11. County or Parish, State
EDDY COUNTY, NM

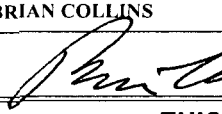
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☑ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

MARBOB ENERGY CORPORATION PROPOSES TO CONVERT THIS WELL TO INJECTION. NMOCD C-108 "APPLICATION FOR AUTHORIZATION TO INJECT" IS ATTACHED.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **BRIAN COLLINS** Title **PETROLEUM ENGINEER**

Signature  Date **12/12/2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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(Instructions on page 2)

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on reverse side.*

5. Lease Serial No.
NMLC028731B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM111789X

1. Type of Well
☐ Oil Well ☐ Gas Well ☑ Other

8. Well Name and No.
DODD FEDERAL UNIT #36

2. Name of Operator **MARBOB ENERGY CORPORATION**

9. API Well No.
30-015-25294

3a. Address
P O BOX 227, ARTESIA, NM 88211-0227

3b. Phone No. *(include area code)*
505-748-3303

10. Field and Pool, or Exploratory Area
GRBG JACKSON SR Q GRBG SA

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEC. 14-T17S-R29E, UNIT F
1425 FNL 2615 FWL, SE/4NW/4

11. County or Parish, State
EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☑ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

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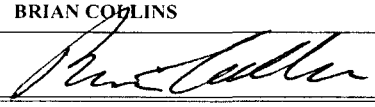
14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **BRIAN COLLINS** Title **PETROLEUM ENGINEER**

Signature  Date **12/12/2006**

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(Instructions on page 2)

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE *- Other instructions on reverse side.*

5. Lease Serial No.
NMLC028731B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM111789X

1. Type of Well
☐ Oil Well ☐ Gas Well ☑ Other

8. Well Name and No.
DODD FEDERAL UNIT #37

2. Name of Operator **MARBOB ENERGY CORPORATION**

9. API Well No.
30-015-25175

3a. Address
P O BOX 227, ARTESIA, NM 88211-0227

3b. Phone No. *(include area code)*
505-748-3303

10. Field and Pool, or Exploratory Area
GRBG JACKSON SR Q GRBG SA

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEC. 14-T17S-R29E, UNIT E
2310 FNL 25 FWL, SW/4NW/4

11. County or Parish, State
EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☑ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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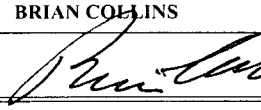
Signature  Date **12/12/2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on reverse side.*

5. Lease Serial No.
NMLC028731A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM111789X

1. Type of Well
☐ Oil Well ☐ Gas Well ☑ Other

8. Well Name and No.
DODD FEDERAL UNIT #43

2. Name of Operator **MARBOB ENERGY CORPORATION**

9. API Well No.
30-015-26198

3a. Address
P O BOX 227, ARTESIA, NM 88211-0227

3b. Phone No. *(include area code)*
505-748-3303

10. Field and Pool, or Exploratory Area
GRBG JACKSON SR Q GRBG SA

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEC. 14-T17S-R29E, UNIT L
2180 FSL 860 FWL, NW/4SW/4

11. County or Parish, State
EDDY COUNTY, NM

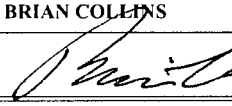
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☑ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

MARBOB ENERGY CORPORATION PROPOSES TO CONVERT THIS WELL TO INJECTION. NMOCD C-108 "APPLICATION FOR AUTHORIZATION TO INJECT" IS ATTACHED.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **BRIAN COLLINS** Title **PETROLEUM ENGINEER**

Signature  Date **12/12/2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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