DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
1/10/06	1/25/06	DRC	1/11/06	PMX	pDLEC0601128433

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505

244

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

[D] Other: Specify _____

RECEIVED
JAN 10 2006
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

[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.

Stan Wagner	Stan Wagner	Regulatory Analyst	12/7/05
Print or Type Name	Signature	Title	Date

stan_wagner@eogresources.com
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: ___ Secondary Recovery X Pressure Maintenance ___ Disposal ___ Storage
Application qualifies for administrative approval? X Yes ___ No

II. OPERATOR: EOG Resources, Inc.

ADDRESS: P.O. Box 2267 Midland, TX 79702

CONTACT PARTY: Stan Wagner PHONE: 432 686 3689

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? X Yes ___ No
If yes, give the Division order number authorizing the project: R-11388, R-11389

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 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: Stan Wagner TITLE: Regulatory Analyst

SIGNATURE: Stan Wagner DATE: 12/7/05

E-MAIL ADDRESS: stan_wagner@eogresources.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: submitted January 1994

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

II. 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.

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period.

of 1

weeks.

Beginning with the issue dated

November 13 2005

and ending with the issue dated

November 13 2005

Kathi Bearden

Publisher

Sworn and subscribed to before me this 14th day of November 2005

Notary Public.

My Commission expires
February 07, 2009
(Seal)

OFFICIAL SEAL
DORA MONTZ
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires:

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICE
November 13, 2005

EOG Resources, Inc., P.O. Box 2267, Midland, TX 79702, has filed form C-108 (Application for Authorization To Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a pressure maintenance water injection well.

The **Red Hills North Unit No. 213** is located 2213' FNL & 1920' FEL, Section 12, Township 25 South, Range 33 East, Lea County, New Mexico. Injection water will be sourced from area wells producing from the Bone Spring formation. The injection water will be injected into the Bone Spring formation at a measured depth of 12614'-15020', a maximum surface pressure of 3000 psi, and a maximum rate of 1000 BWPD.

The **Red Hills North Unit No. 807** is located 990' FSL & 330' FWL, Section 18, Township 25 South, Range 34 East, Lea County, New Mexico. Injection water will be sourced from area wells producing from the Bone Spring formation. The injection water will be injected into the Bone Spring formation at a measured depth of 12764'-15770', a maximum surface pressure of 3000 psi, and a maximum rate of 1000 BWPD.

All interested parties opposing the action 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. Additional information may be obtained by contacting Stan Wagner at P.O. Box 2267, Midland, TX 79702, or 432-686-3600.
#21933

01105308000 67534491

EOG RESOURCES
4000 N. BIG SPRINGS
MIDLAND, TX 79702

eog resources

EOG Resources, Inc.
4000 North Big Spring, Suite 500
Midland, TX 79705
(915) 686-3600

December 1, 2005

Mr. Mark McCloy
P.O. Box 1076
Jal, New Mexico 88252

Re: Application of EOG Resources, Inc. for administrative approval of Expansion of its Red Hills North Unit Pressure Maintenance Project, Lea County, New Mexico.

Mr. McCloy:

Enclosed please find a copy of the application of EOG Resources, Inc. (Oil Conservation Division Form C-108) in the above-referenced matter for approval of the expansion of its Red Hills North Unit Pressure Maintenance Project with the addition of two injection wells: the Red Hills North Unit Well No. 213 located 2213 feet from the North line and 1920 feet from the East line of Section 12 and the Red Hills North Unit Well No. 807 located 991 feet from the South line and 330 feet from the West line of Section 18, both in Township 25 South, Range 34 East, NMPM, Lea County, New Mexico. EOG proposes to re-inject water produced from the Bone Spring formation into the unitized interval of the Bone Spring formation in the Red Hills North Unit Area at measured depths of 12614 feet to 15020 feet in Well No. 213 and 12764 feet to 15770 feet in Well No. 807. This injection will occur with a maximum injection pressure of 3700 psi and a maximum injection rate of 3000 barrels of water per day as fully described in the application.

This application is provided to you as owner of the surface of the land upon which each of the subject wells is located. If you object to this application your objection must be filed in writing with the Santa Fe Office of the Oil Conservation Division located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505 within 15 days of the date of this letter. If there is no objection, the Division Director may approve this application.

If you, as surface owner, have no objection to this application, please sign in the space provided below and return this letter to my attention at the letterhead address.

Sincerely,

EOG RESOURCES, INC.

Stan Wagner
Regulatory Analyst

The undersigned hereby waives any objection to the Expansion of the Red Hills North Unit Pressure Maintenance Project, well nos. 213 & 807 as previously described by EOG Resources, Inc.

Mark McCloy

Mark McCloy

Date: Dec 5, 2005

eog resources

EOG Resources, Inc.
4000 North Big Spring, Suite 500
Midland, TX 79705
(915) 686-3600

December 1, 2005

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Bureau of Land Management
2909 West 2nd Street
Roswell, New Mexico 88201

Re: Application of EOG Resources, Inc. for administrative approval of Expansion of its Red Hills North Unit Pressure Maintenance Project, Lea County, New Mexico.

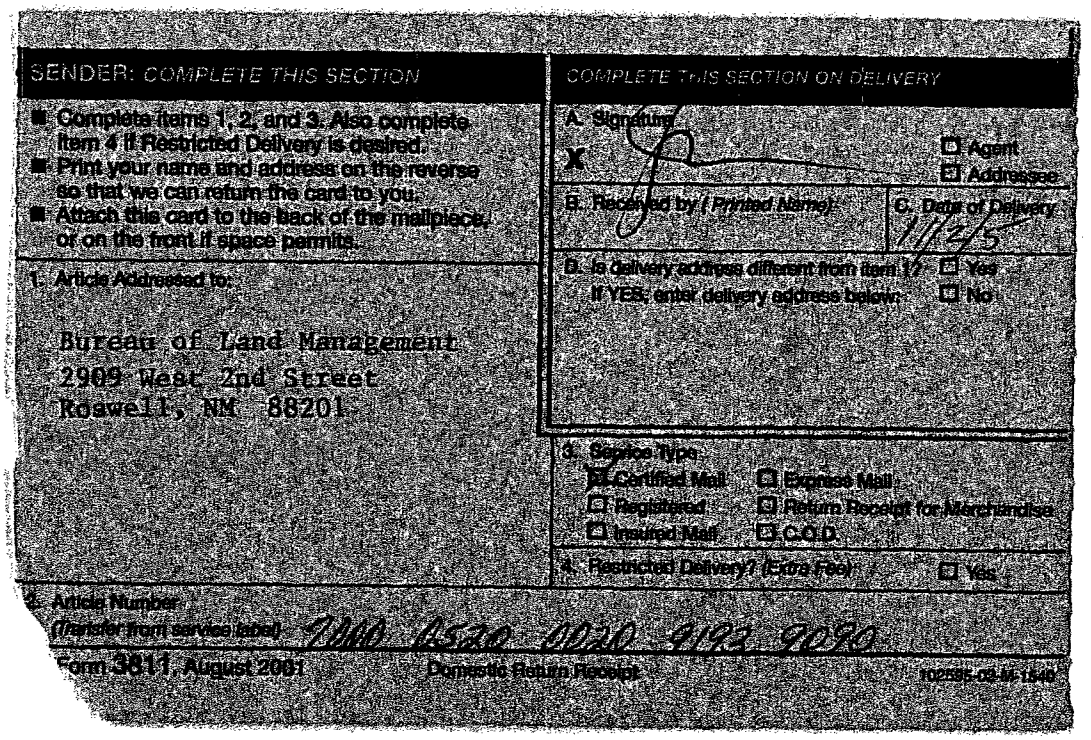
Ladies and Gentlemen:

Enclosed please find a copy of the application of EOG Resources, Inc. (Oil Conservation Division Form C-108) in the above-referenced matter for approval of the expansion of its Red Hills North Unit Pressure Maintenance Project with the addition of two injection wells: the Red Hills North Unit Well No. 213 located 2213 feet from the North line and 1920 feet from the East line of Section 12 and the Red Hills North Unit Well No. 807 located 991 feet from the South line and 330 feet from the West line of Section 18 both in Township 25 South, Range 34 East, NMPM, Lea County, New Mexico. EOG proposes to re-inject water produced from the Bone Spring formation into the unitized interval of the Bone Spring formation in the Red Hills North Unit Area at measured depths of 12614 feet to 15020 feet in Well No. 213 and 12764 feet to 15770 feet in Well No. 807. This injection will occur with a maximum injection pressure of 3700 psi and a maximum injection rate of 3000 barrels of water per day as fully described in the application.

This application is provided to you as owner of the surface of the land upon which each of the subject wells is located. If you object to this application your objection must be filed in writing with the Santa Fe Office of the Oil Conservation Division located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505 within 15 days of the date of this letter. If there is no objection, the Division Director may approve this application.

Sincerely,

Stan Wagner
Regulatory Analyst



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Bureau of Land Management
2909 West 2nd Street
Roswell, NM 88201

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery
11/2/05

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number
(Transfer from service label) 7160 0320 0020 4123 9050

Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540

eog resources

EOG Resources, Inc.
4000 North Big Spring, Suite 500
Midland, TX 79705
(915) 686-3600

December 1, 2005

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

HEC Petroleum
500 W. Illinois
Midland, TX 79707

Re: Application of EOG Resources, Inc. for administrative approval of Expansion of its Red Hills North Unit Pressure Maintenance Project, Lea County, New Mexico.

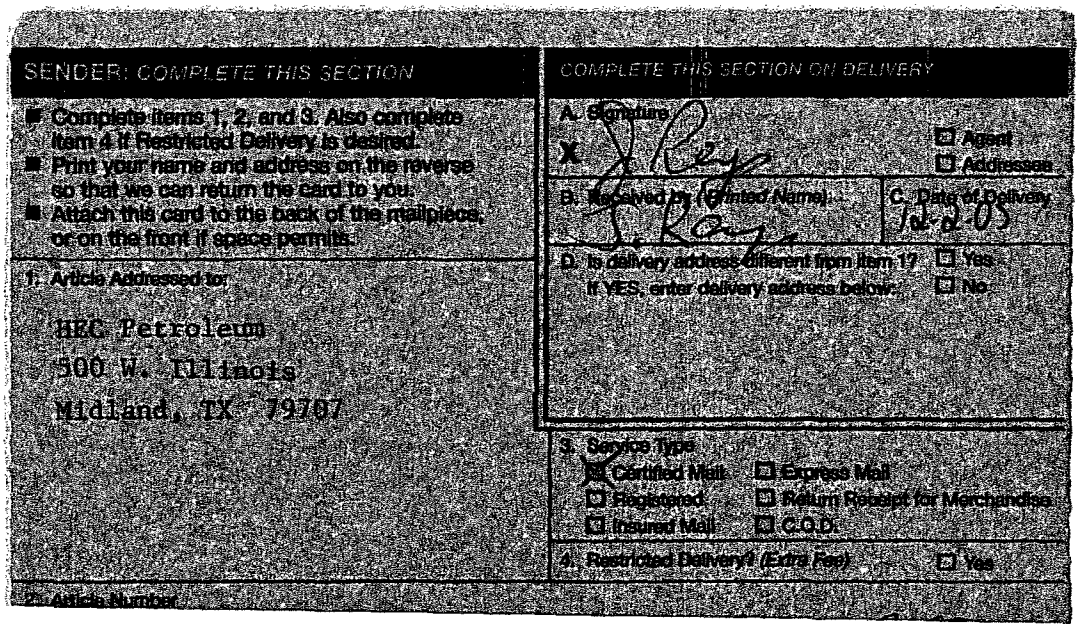
Ladies and Gentlemen:

Enclosed please find a copy of the application of EOG Resources, Inc. (Oil Conservation Division Form C-108) in the above-referenced matter for approval of the expansion of its Red Hills North Unit Pressure Maintenance Project with the addition of one injection well: the Red Hills North Unit Well No. 213 located 2213 feet from the North line and 1920 feet from the East line of Section 12, Township 25 South, Range 34 East, NMPM, Lea County, New Mexico. EOG proposes to re-inject water produced from the Bone Spring formation into the unitized interval of the Bone Spring formation in the Red Hills North Unit Area at measured depths of 12614 feet to 15020 feet in Well No. 213. This injection will occur with a maximum injection pressure of 3700 psi and a maximum injection rate of 3000 barrels of water per day as fully described in the application.

This application is provided to you as an operator of a well within ½ mile of the proposed injector. If you object to this application your objection must be filed in writing with the Santa Fe Office of the Oil Conservation Division located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505 within 15 days of the date of this letter. If there is no objection, the Division Director may approve this application.

Sincerely,

Stan Wagner
Regulatory Analyst



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

HEC Petroleum
500 W. Illinois
Midland, TX 79707

2. Article Number

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery
Jul 2 05

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

Side 1

INJECTION WELL DATA SHEET

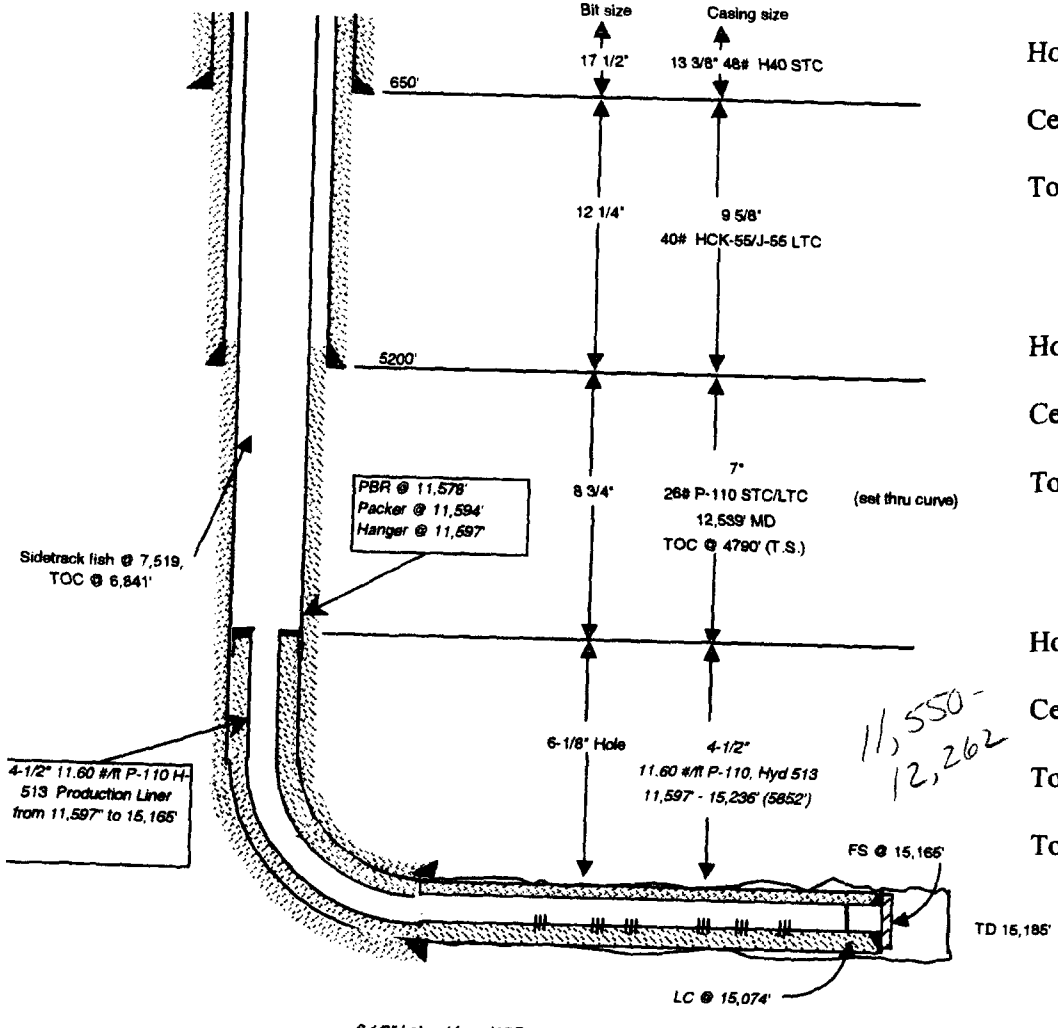
OPERATOR: EOG Resources, Inc. P.O. Box 2267 Midland, TX 79702

WELL NAME & NUMBER: Red Hills North Unit 213

WELL LOCATION:	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE
	2213' FNL & 1920' FEL 2421' FSL & 380' FWL	SL BHL	G L	12	25S 33E

30-025-36584

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17 1/2 Casing Size: 13 3/8

Cemented with: 480 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulation

Intermediate Casing

Hole Size: 12 1/4 Casing Size: 9 5/8

Cemented with: 1429 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circulation

Production Casing

Hole Size: 8 3/4 Casing Size: 7

Cemented with: 1350 sx. *or* _____ ft³

Top of Cement: 4790 Method Determined: Temp Survey

Total Depth: 15185 MD, 12262 VD

Injection Interval

12614 feet to 15020

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

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

Type of Packer: Halliburton PLS

Packer Setting Depth: +/- 11550

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

Additional Data

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

   If no, for what purpose was the well originally drilled? Production

2. Name of the Injection Formation: Bone Spring

3. Name of Field or Pool (if applicable): Red Hills; Bone Spring

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. No

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

   Next Higher; Delaware 5183'-9260'

   Next Lower; Wolfcamp 12284'-13800'

APPLICATION FOR AUTHORIZATION TO INJECT
RED HILLS NORTH UNIT NO. 213

VII. PROPOSED OPERATION

(1) Proposed Average Daily Rate and Volume : 2000 BPD
Proposed Maximum Daily Rate and Volume: 3000 BPD

(2) Open or Closed System: Closed

(3) Proposed Average Injection Surface Pressure: 3000 psi
Proposed Maximum Injection Surface Pressure: 3700 psi
Note: Original Bone Spring formation BHP 9500 psi.

(4) Produced Bone Spring Formation Water: 250-300 BPD from Red Hills Field (Bone Spring) (see attached analysis)

(5) N/A

VIII. GEOLOGIC DATA ON INJECTION ZONE

Injection Zone: 3rd Bone Spring
Lithologic Detail: Fine grain sandstone
Geological Name: 3rd Bone Spring
Thickness: Bone Spring – 3204'
3rd Bone Spring – 384'
Depth: Bone Spring 9260' to 12284'
3rd Bone Spring 11900' to 12284'
Underground Sources of Drinking Water:
Geological Name: Triasic
Base: 600'

IX. PROPOSED STIMULATION
None at this time

X. LOGGING AND TESTING DATA ON INJECTION WELL
Logs have previously been submitted

XI. CHEMICAL ANALYSIS OF WATER FROM FRESH WATER WELLS WITHIN ONE MILE OF THE INJECTION WELL
A review of the State Engineers records shows one fresh water well within one mile of the injection well.

XII. Available geologic and engineering data has been examined and no evidence has been found of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water.

XIII. See attached "Proof of Notice".

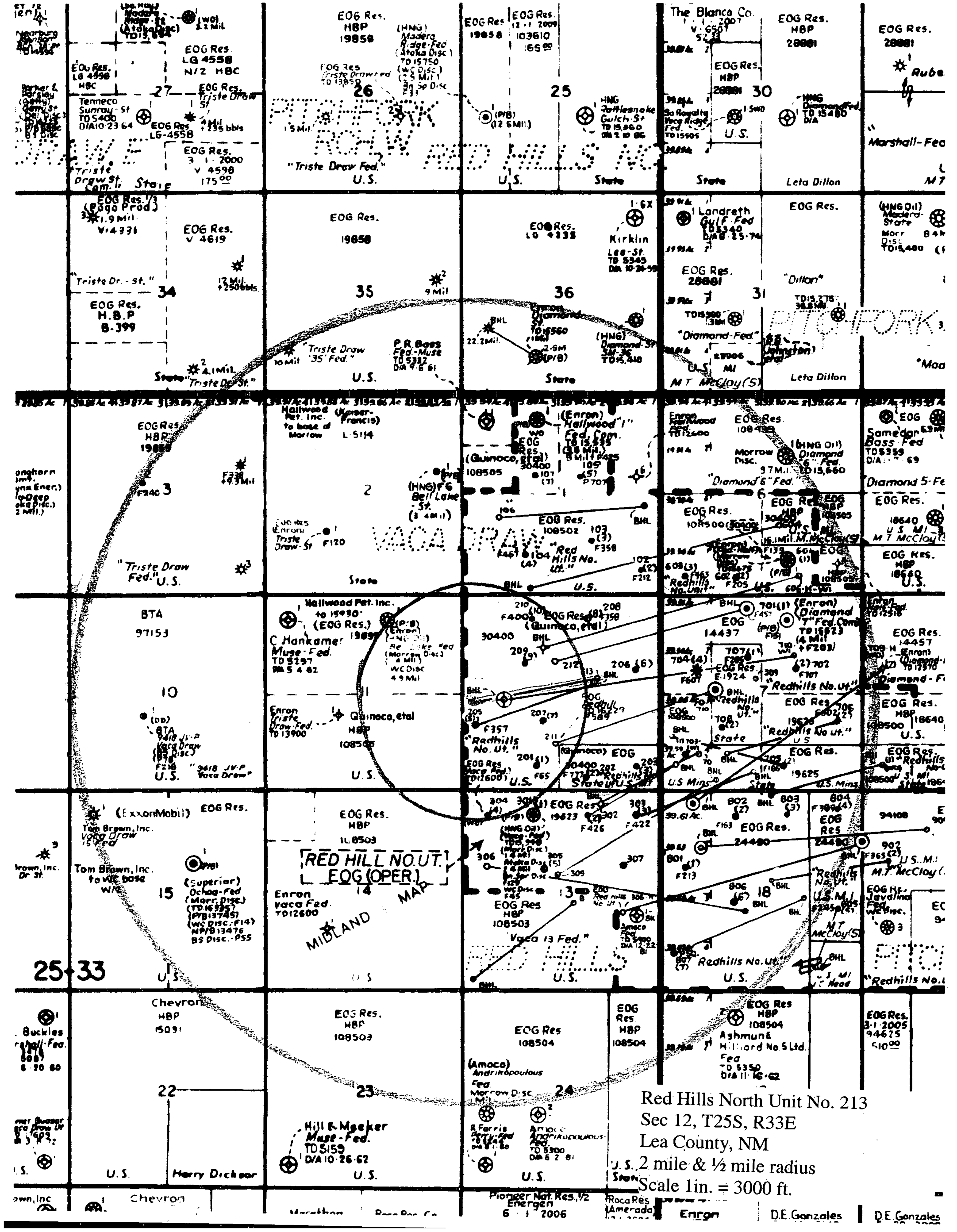
Surface Owner:

Mark McCloy
P.O. Box 1076
Jal, NM 88252

Offset Operators within ½ mile radius:

EOG Resources, Inc.

HEC Petroleum
500 W. Illinois
Midland, TX 79707



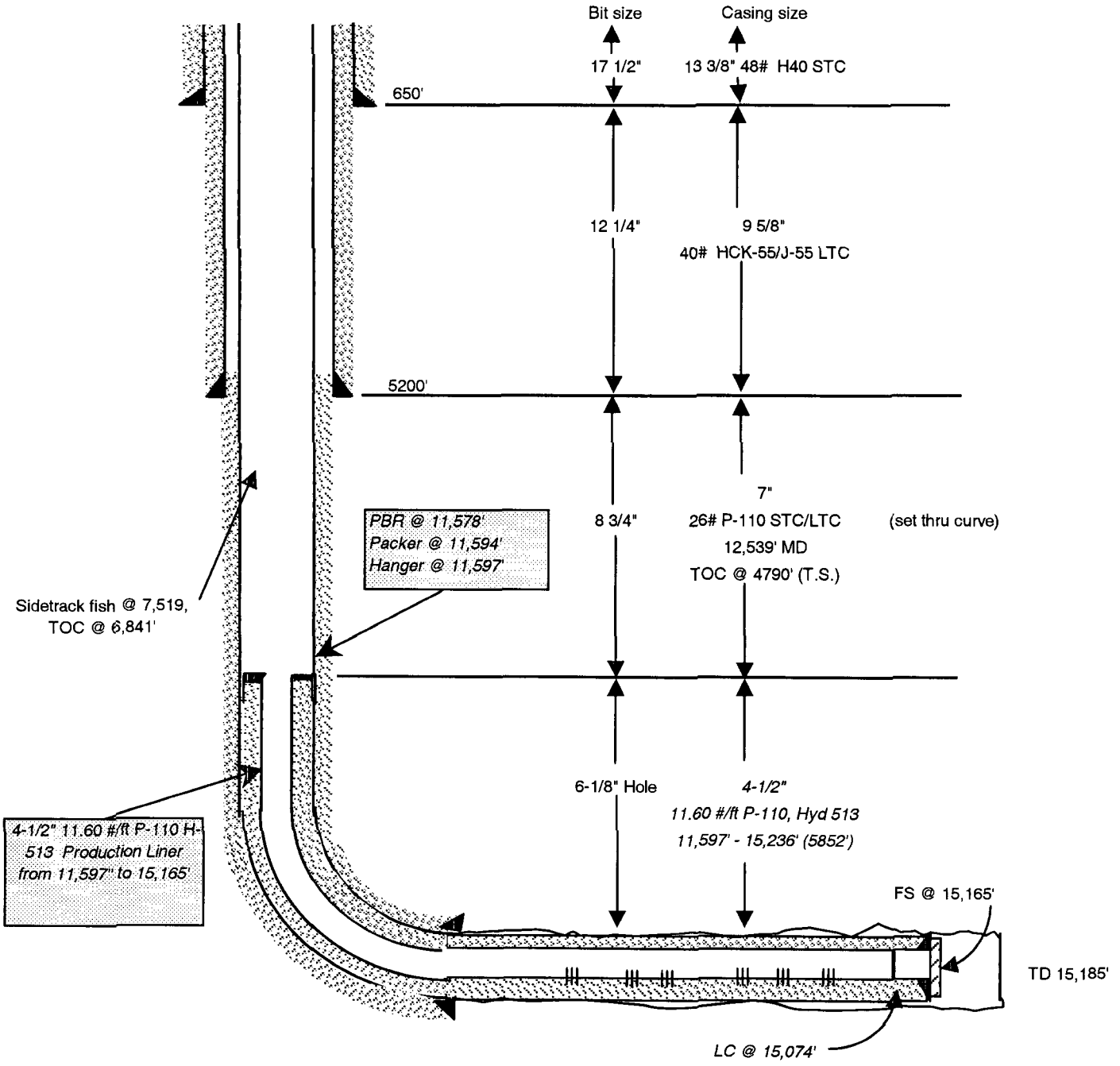
Red Hills North Unit No. 213
Sec 12, T25S, R33E
Lea County, NM
2 mile & ½ mile radius
Scale 1in. = 3000 ft.

EOG Resources, Inc
1/2 Mile Area of Review
Application for Authorization to Inject RHNU # 213

						Surface Casing			Production Casing			
Operator	Lease/Well	Status	Location	Spud Date	TMD	Size	Depth	Cement	Size	Depth	Cement	Producing Perfs
EOG Resources	RHNU 201	Producer	Sec 12, T25S, R33E	7/17/1993	13900	11 3/4	646	351 sx Class C	5 1/2	13400	1581 sx 50:50 POZ	12230-12340
EOG Resources	RHNU 205	Producer	Sec 12, T25S, R33E	2/16/1996	12550	11 3/4	650	350 sx Prem Plus	5 1/2	12452	1400 sx 50:50 POZ	12225-12240
EOG Resources	RHNU 207	Producer	Sec 12, T25S, R33E	7/27/1994	12600	11 3/4	681	350 sx Class C	5 1/2	12600	1446 sx HLC/Prem	12232-12262
EOG Resources	RHNU 209	Producer	Sec 12, T25S, R33E	12/11/1994	12540	11 3/4	679	350 sx Prem Plus	5 1/2	12524	1387 sx HLP/Prem	12252-12312
EOG Resources	RHNU 210	Producer	Sec 12, T25S, R33E	3/27/1995	12550	11 3/4	671	350 sx Prem Plus	5 1/2	12537	1213 sx Prem/POZ	12238-12282
EOG Resources	RHNU 211	Producer	Sec 12, T25S, R33E	8/31/2000	16229	13 3/8	652	500 sx Prem Plus	4 1/2	16229	300 sx Prem	12924-16070
EOG Resources	RHNU 212	Producer	Sec 12, T25S, R33E	3/12/2001	17382	13 3/8	653	500 sx Prem Plus	4 1/2	17296	370 sx Prem	15145-17105
EOG Resources	RHNU 304	Producer	Sec 13, T25S, R33E	9/9/2003	12600	11 3/4	645	351 sx Class C	5 1/2	12480	1497 sx PSL	12216-12254
HEC Petroleum	Bell Lake 11 Fed 1	Producer	Sec 11, T25S, R33E	4/4/1980	15909	13 3/8	578	550 sx Lite & C	4 1/2	15909	575 sx n/a	13684-13693

Red Hills North Unit No. 213

2213' FNL & 1920' FEL
Sec. 12-25S-33E
Lea County, New Mexico
API 30-025-36584
AFE 102825



6 1/8" Lateral from KOP 11,800' MD to 15,160' MD.

Perfs: 12,614' - 5 ; 13,034' - 6 ; 13,418' - 7 ; 14,219' - 9 ; 14,633' - 10 ; 15,020' - 11

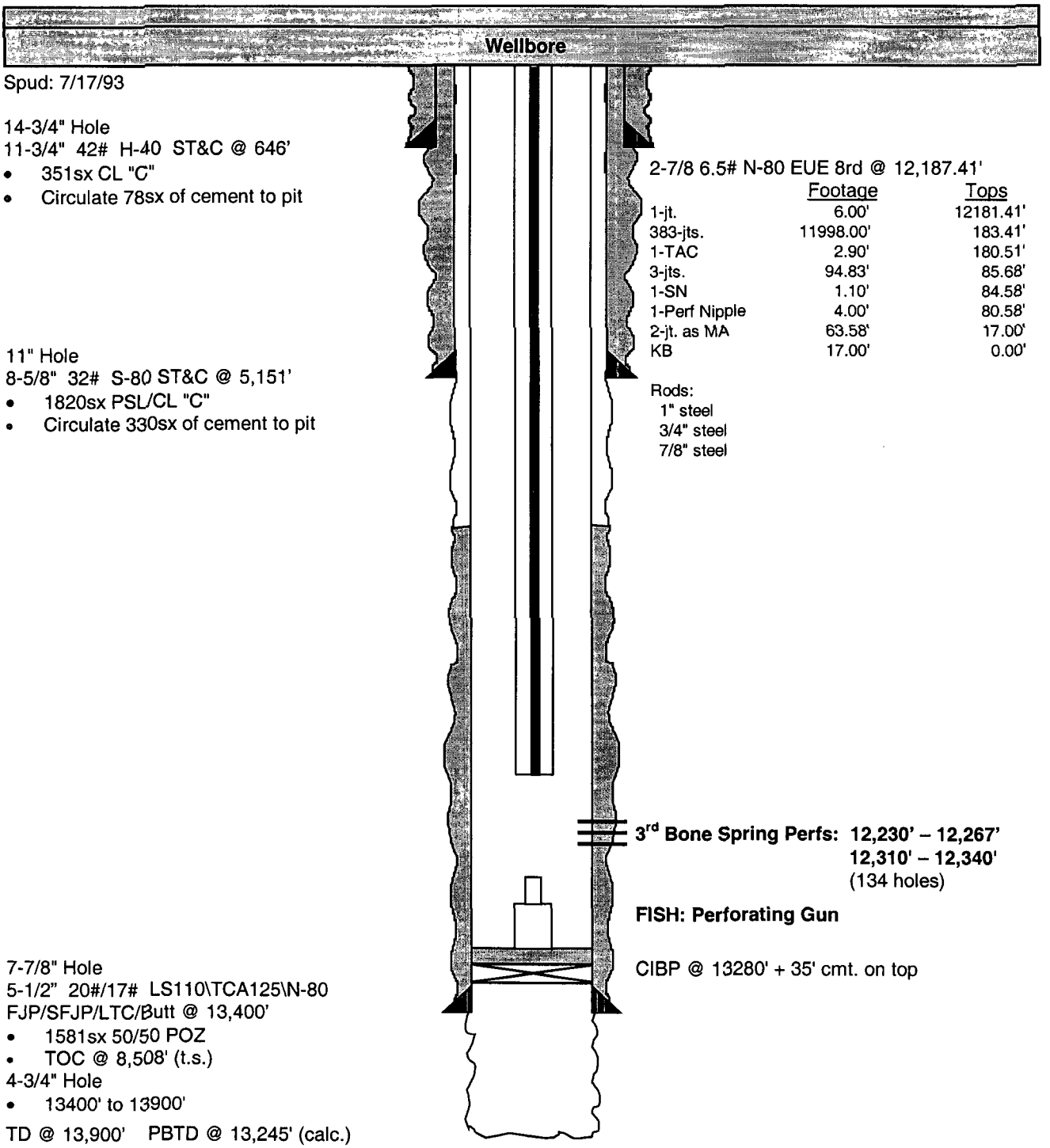
11/10/2005

RHNU # 201

EOG RESOURCES, INC.
660' FSL & 1980' FWL
Sec.12-T25S-R33E

HALLWOOD "12" FEDERAL NO. 1
LEA CO., NEW MEXICO
APRIL 3, 2000

WELLBORE SCHEMATIC



Spud: 7/17/93

14-3/4" Hole
11-3/4" 42# H-40 ST&C @ 646'
- 351sx CL "C"
- Circulate 78sx of cement to pit

11" Hole
8-5/8" 32# S-80 ST&C @ 5,151'
- 1820sx PSL/CL "C"
- Circulate 330sx of cement to pit

7-7/8" Hole
5-1/2" 20#/17# LS110\TCA125\N-80
FJP/SFJP/LTC/Butt @ 13,400'
- 1581sx 50/50 POZ
- TOC @ 8,508' (t.s.)

4-3/4" Hole
- 13400' to 13900'

TD @ 13,900' PBTD @ 13,245' (calc.)

2-7/8 6.5# N-80 EUE 8rd @ 12,187.41'

	Footage	Tops
1-jt.	6.00'	12181.41'
383-jts.	11998.00'	183.41'
1-TAC	2.90'	180.51'
3-jts.	94.83'	85.68'
1-SN	1.10'	84.58'
1-Perf Nipple	4.00'	80.58'
2-jt. as MA	63.58'	17.00'
KB	17.00'	0.00'

Rods:
1" steel
3/4" steel
7/8" steel

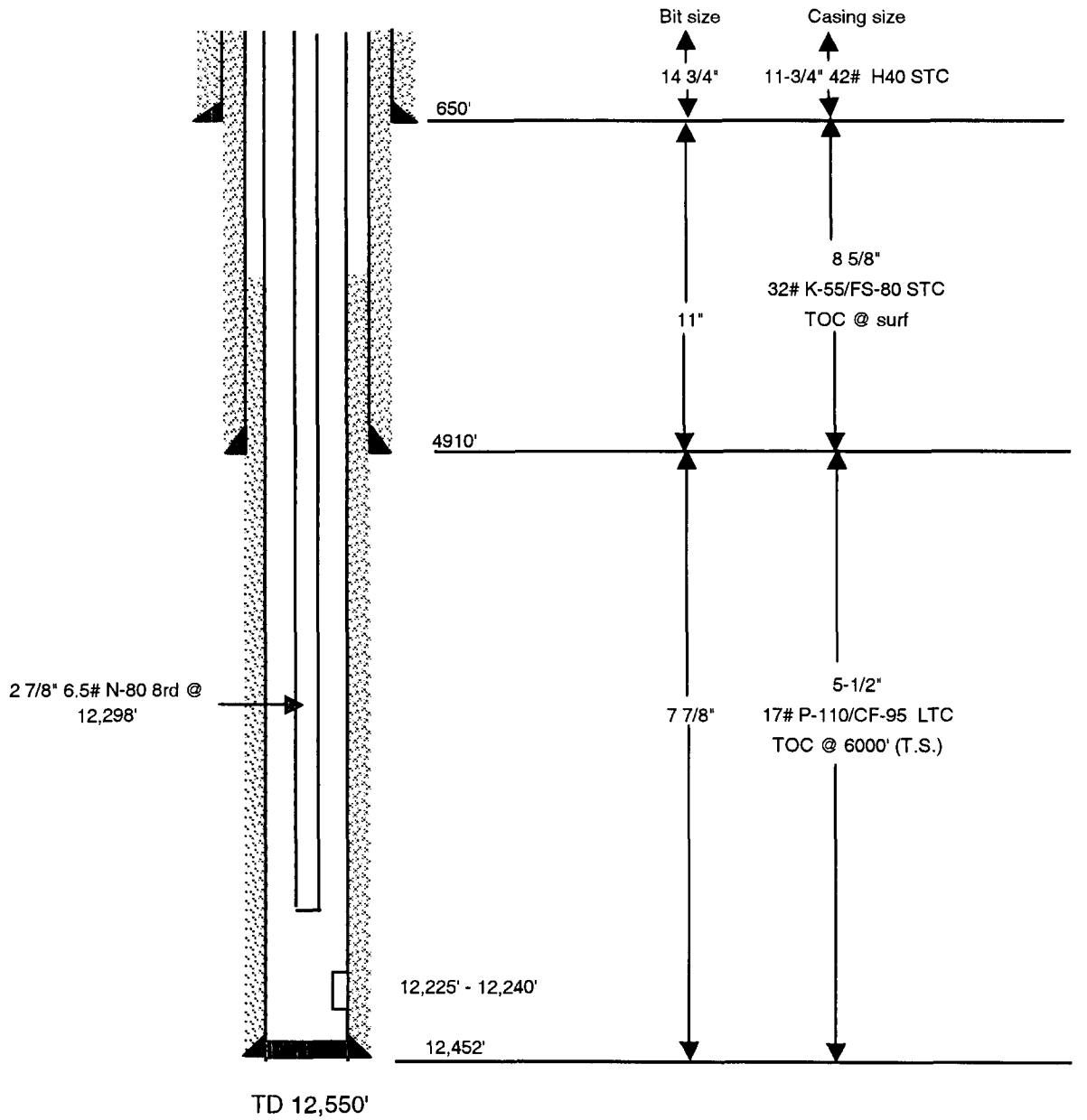
3rd Bone Spring Perfs: 12,230' – 12,267'
12,310' – 12,340'
(134 holes)

FISH: Perforating Gun

CIBP @ 13280' + 35' cmt. on top

eog resources

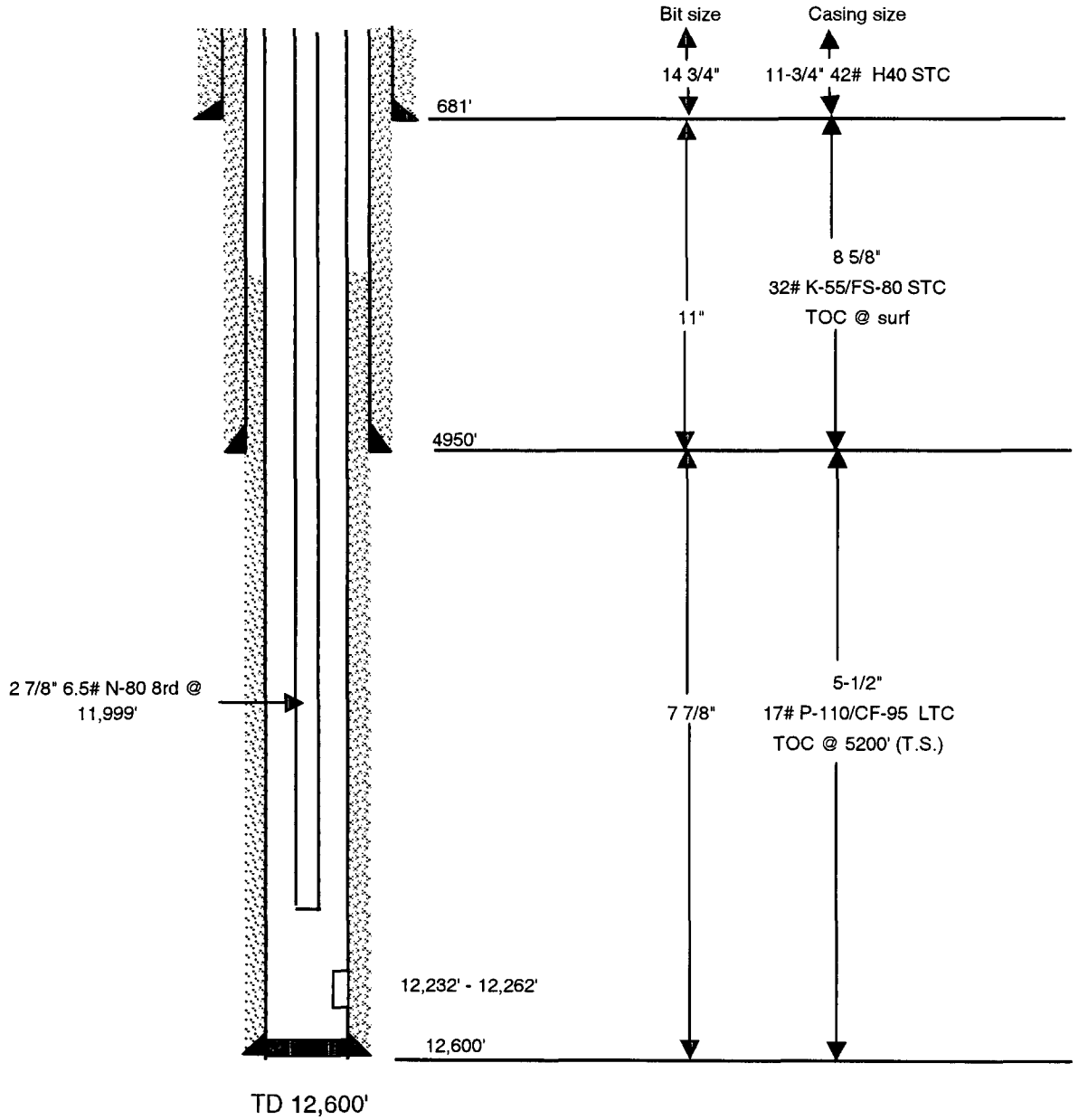
RHNU No. 205
1700' FSL & 330' FWL
Sec. 12-25S-33E
Lea County, New Mexico
API 30-025-33294



11/10/2005

eog resources

RHNU No. 207
1830' FSL & 2130' FWL
Sec. 12-25S-33E
Lea County, New Mexico
API 30-025-32584

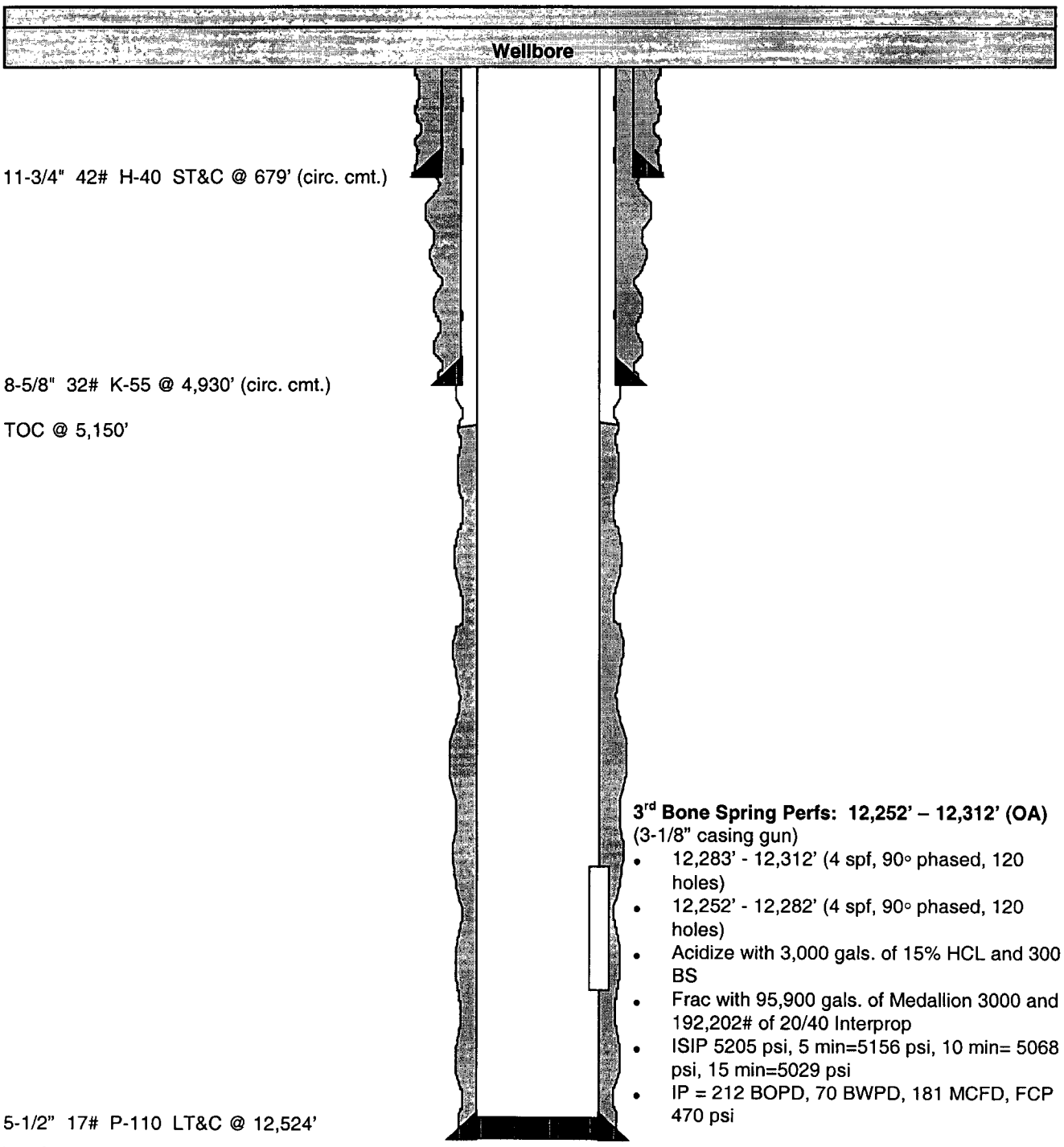


11/10/2005

EOG RESOURCES, INC.
1830' FNL & 1650' FWL
SEC. 12-T25S-R33E

RHNU NO. 209
LEA CO., NEW MEXICO
MAY 13, 199

WELLBORE SCHEMATIC



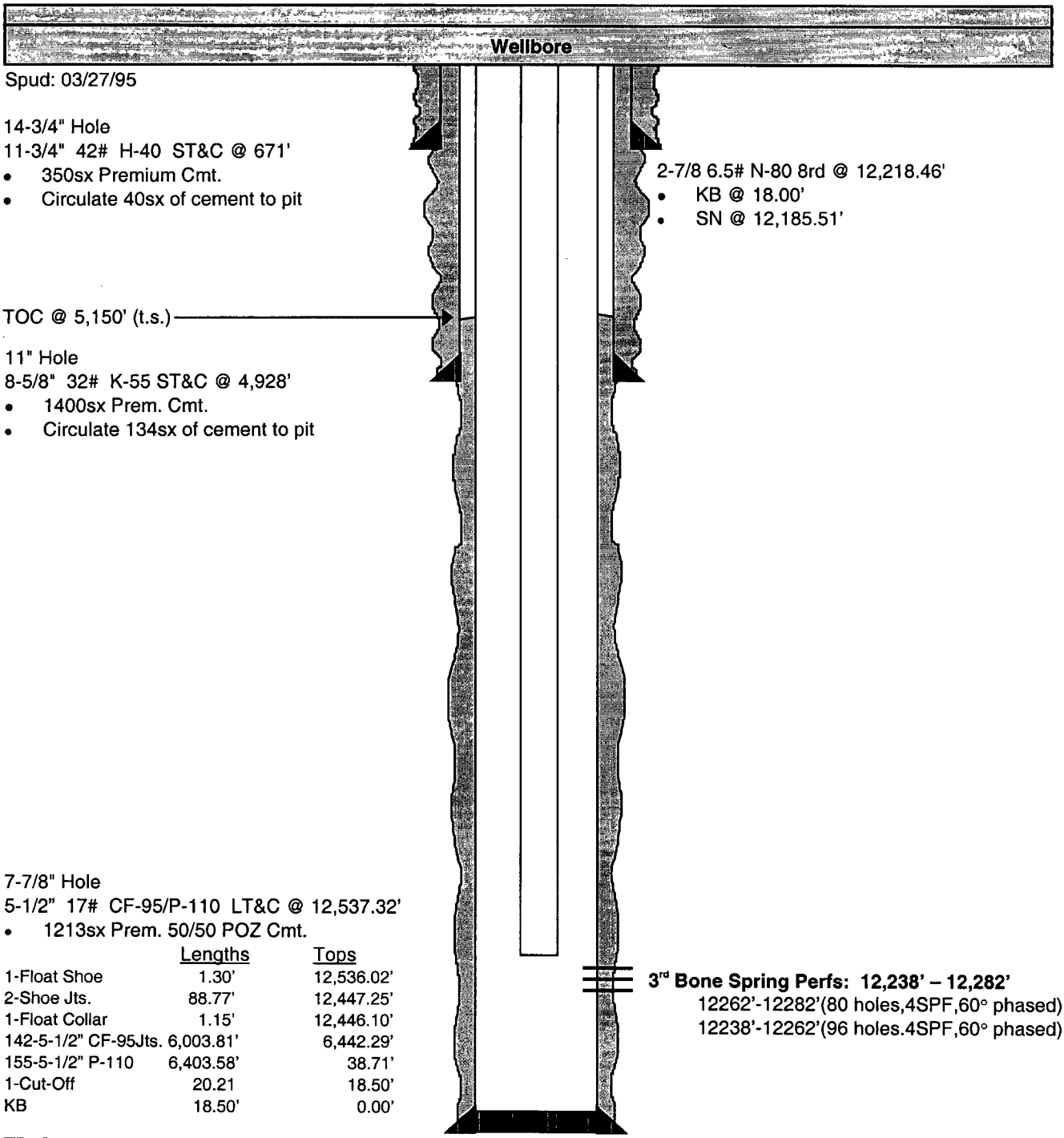
3rd Bone Spring Perfs: 12,252' – 12,312' (OA)
(3-1/8" casing gun)

- 12,283' - 12,312' (4 spf, 90° phased, 120 holes)
- 12,252' - 12,282' (4 spf, 90° phased, 120 holes)
- Acidize with 3,000 gals. of 15% HCL and 300 BS
- Frac with 95,900 gals. of Medallion 3000 and 192,202# of 20/40 Interprop
- ISIP 5205 psi, 5 min=5156 psi, 10 min= 5068 psi, 15 min=5029 psi
- IP = 212 BOPD, 70 BWPD, 181 MCFD, FCP 470 psi

EOG RESOURCES, INC.
660' FNL & 1880' FWL
Sec.12-T25S-R33E

RHNU NO. 210 / HALLWOOD "12" FEDERAL NO. 10
LEA CO., NEW MEXICO
DECEMBER 11, 2000

WELLBORE SCHEMATIC



Spud: 03/27/95

14-3/4" Hole
11-3/4" 42# H-40 ST&C @ 671'
- 350sx Premium Cmt.
- Circulate 40sx of cement to pit

TOC @ 5,150' (t.s.)

11" Hole
8-5/8" 32# K-55 ST&C @ 4,928'
- 1400sx Prem. Cmt.
- Circulate 134sx of cement to pit

2-7/8 6.5# N-80 8rd @ 12,218.46'
- KB @ 18.00'
- SN @ 12,185.51'

7-7/8" Hole
5-1/2" 17# CF-95/P-110 LT&C @ 12,537.32'
- 1213sx Prem. 50/50 POZ Cmt.

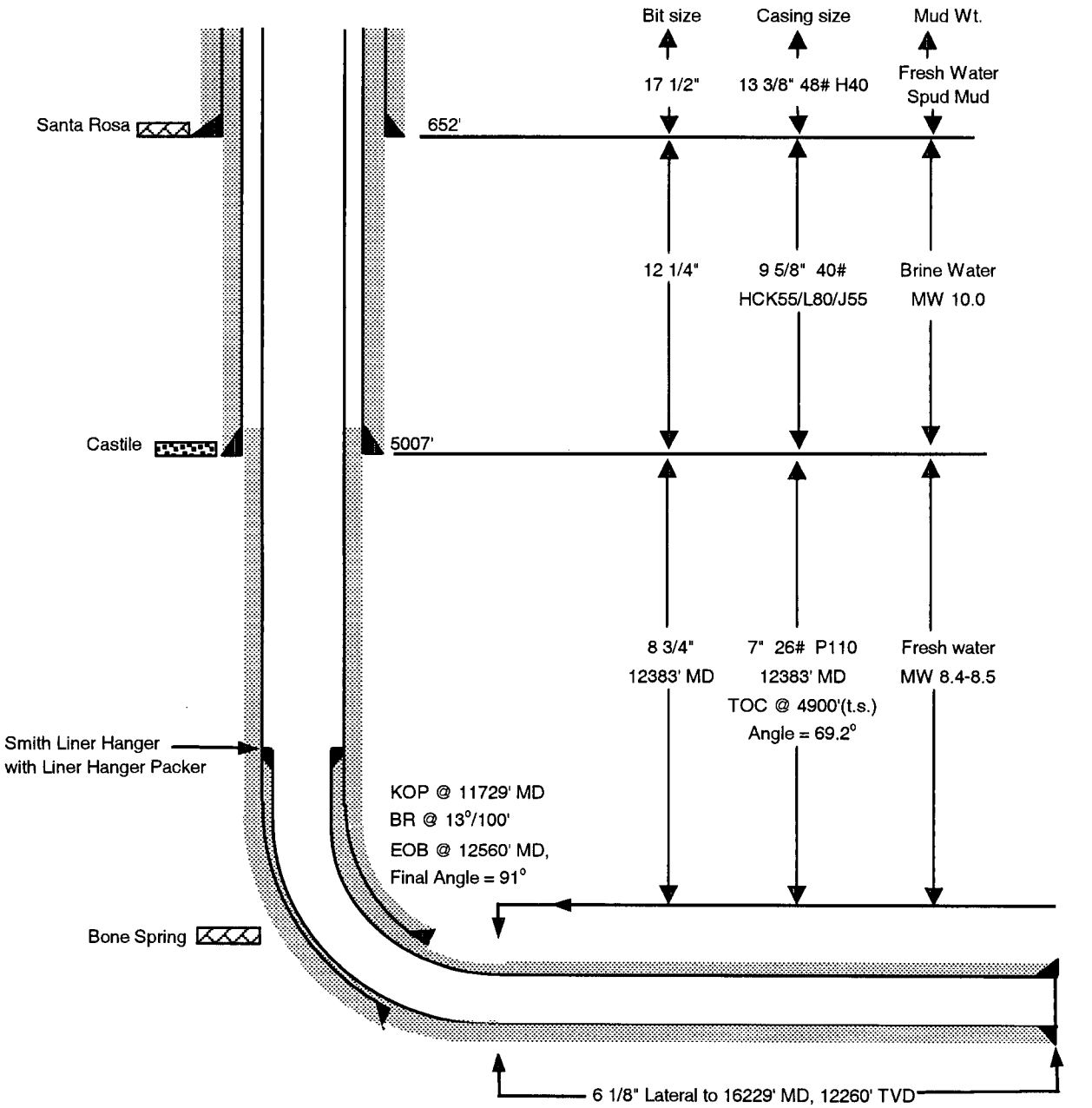
	Lengths	Tops
1-Float Shoe	1.30'	12,536.02'
2-Shoe Jts.	88.77'	12,447.25'
1-Float Collar	1.15'	12,446.10'
142-5-1/2" CF-95Jts.	6,003.81'	6,442.29'
155-5-1/2" P-110	6,403.58'	38.71'
1-Cut-Off	20.21	18.50'
KB	18.50'	0.00'

TD @ 12,550' PBTD @ 12,451' (WL)

3rd Bone Spring Perfs: 12,238' – 12,282'
12262'-12282'(80 holes,4SPF,60° phased)
12238'-12262'(96 holes.4SPF,60° phased)

RHNU NO.211
EOG Reosurces, Inc.
PROSPECT: Red Hills

1,296' FSL & 2,592' FWL
Sec.12-T25S-R23E
Lea County,New Mexico



Perfs 12,919' - 16,070'
8 sets of perfs, 46 holes

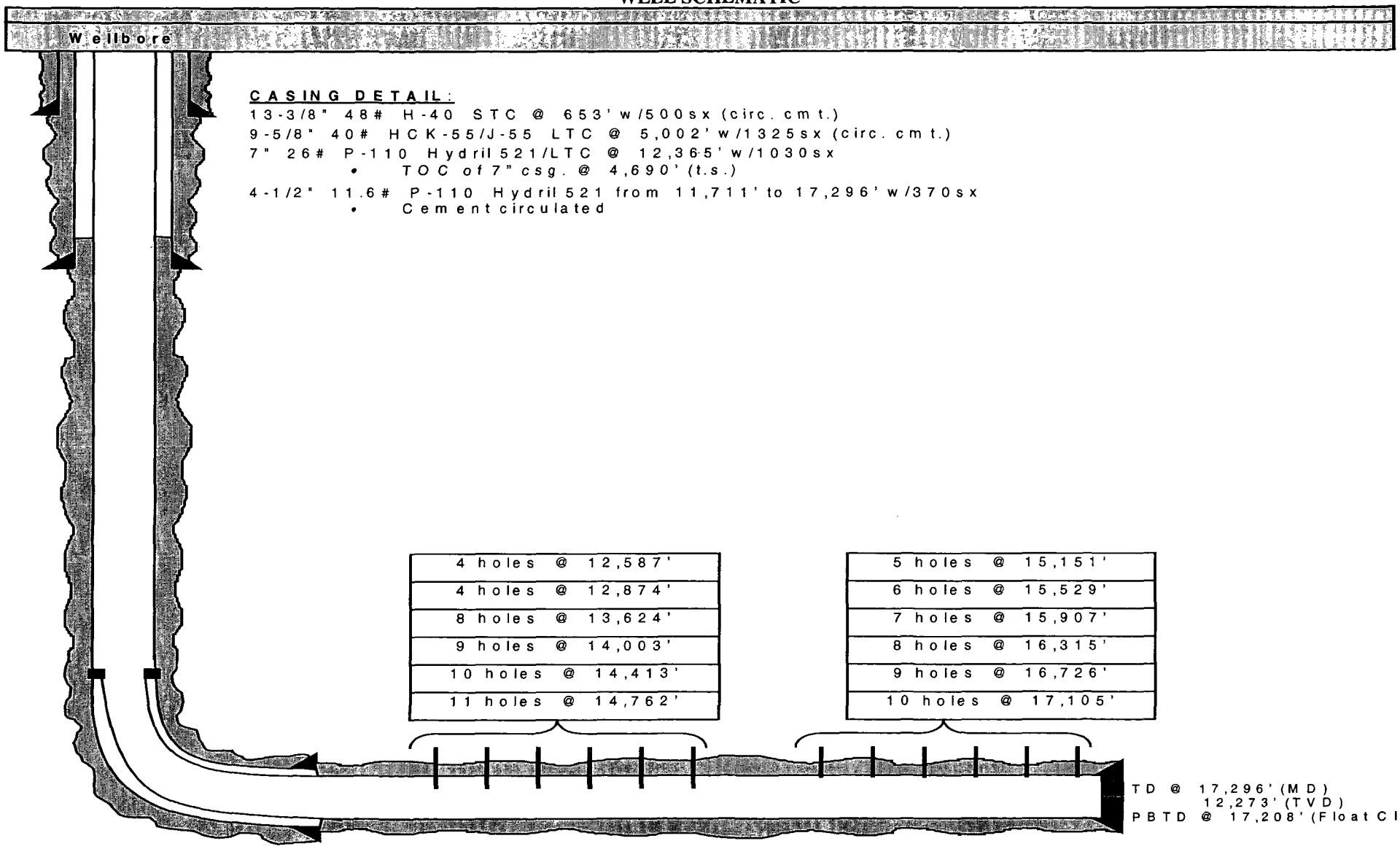
Sand Frac 11/04/00
206,000 gals. 30# Delta 200
300,000 lbs. Ceramax I
108 BPM @ 7500 psi.

Production
Post Frac 600° - 125^{LW} - 630^{g} gas lift
Current 325° - 10^{W} - 960^{g} gas lift

EOG RESOURCES, INC.
S.L.2475' FWL, 1750' FNL, Sec. 12, T25S, R33E
B.H.L. 2300' FWL & 320' FNL, SEC 7, T25S,R34E

RHNU N0. 212
LEA COUNTY, NEW MEXICO
FEB 27, 2002

WELL SCHEMATIC



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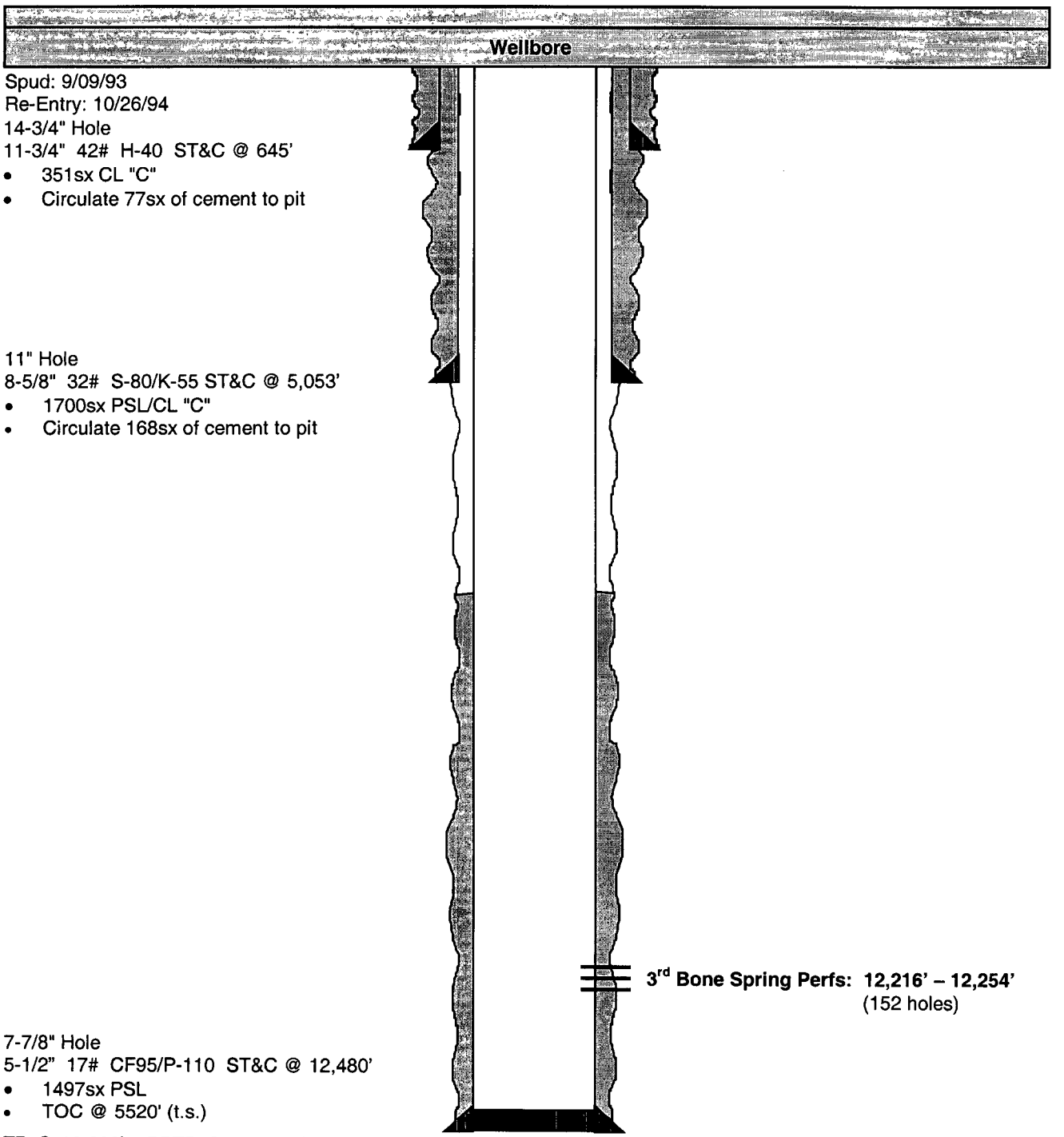
RHNU # 304

EOG RESOURCES, INC.
660' FNL & 660' FWL
Sec.13-T25S-R33E

VACA "13" FEDERAL NO. 4
LEA CO., NEW MEXICO
APRIL 3, 2000

WELLBORE SCHEMATIC



Spud: 9/09/93
Re-Entry: 10/26/94
14-3/4" Hole
11-3/4" 42# H-40 ST&C @ 645'
- 351sx CL "C"
- Circulate 77sx of cement to pit

11" Hole
8-5/8" 32# S-80/K-55 ST&C @ 5,053'
- 1700sx PSL/CL "C"
- Circulate 168sx of cement to pit

3rd Bone Spring Perfs: 12,216' – 12,254'
(152 holes)

7-7/8" Hole
5-1/2" 17# CF95/P-110 ST&C @ 12,480'
- 1497sx PSL
- TOC @ 5520' (t.s.)

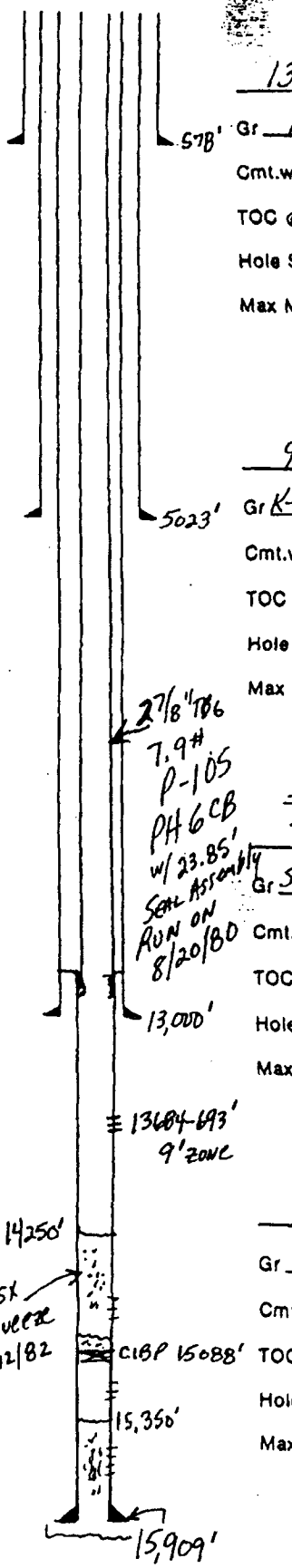
TD @ 12,600' PBTD @ 12,353' (W.L.)

Hallwood Energy Companies

Property # 1323.000

Well History Record

KB = 3429'
GL = 3408'



Surface

13 3/8 ". 48 #
Gr H-40 @ 578'
Cmt.w/ 300 SX Lite & 250 SX Class C Sxs.
TOC @ Surface '
Hole Size 17 1/2" "
Max Mud Wt. 8.8 #

Deep Surface

9 5/8 ". 36, 40 #
Gr K-55 STXC @ 5023'
Cmt.w/ 3100 SX Litex 500 SX Class C Sxs.
TOC @ Surface
Hole Size 12 1/4" "
Max Mud Wt. 10.0 #

Intermediate

7.00 ". 26 #
Gr S-95, P-110 @ 13,000'
Cmt.w/ 500 SX Lite & ~~500 SX Cl. H~~ Sxs.
TOC @ '
Hole Size 8 1/2" "
Max Mud Wt. 9.0 #

Production Liner

4 1/2 ". 15 #
Gr @ 12,662 - 15,909'
Cmt.w/ 575 SX Sxs.
TOC @ '
Hole Size 6.125" 6 1/8" "
Max Mud Wt. 13.8 #

WELL: BELL LAKE 11 FEDERAL # 1
LOCATION: NW NE (1980' FEL x 660' FNL)
SEC. 11 - T25S - R33E, LEA Co. NM
SPUD DATE: 4-4-1980
COMPL. DATE: 1-15-1982 (WOLFCAMP G
T.D.: 15,930' PBTD: 14,250' (?
FIELD: VACA DRAW WOLFCAMP
ZONES: WOLFCAMP
PERFS: 13,684 - 13,693'
10 perfs, 1 - 9/16" guns, 0.25
TOTAL HOURS:
STIMULATION: Acidized Wolfcamp on 1/15/82 w/ 2500 gallons of 10% MORFLOW BC Acid. Max. pressure = 10,000 # @ 2.8 BPM; Ave rate 5 BPM @ 8000psi, ISDP = 5000, Good ball action (15 - 7/8" balls ~~sealers~~ pumped).

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 25S Range: 33E Sections: 13

NAD27 X: Y: Zone: Search Radius:

County: LE Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic ◉ All

Well / Surface Data Report | Avg Depth to Water Report | Water Column Report

Clear Form | WATERS Menu | Help

WELL / SURFACE DATA REPORT 09/15/2005

DB File Nbr	Use (acre ft per annum)	Diversion	Owner	Well Number	Source (quarters are 1= (quarters are bi	
C 02336	PRO	3	ENRON OIL & GAS COMPANY	C 02336	Shallow	2
C 02373	COM	25	ENRON OIL & GAS COMPANY	C 02373 S	Shallow	2

Record Count: 2

P. O. BOX 1468
MONAHANS, TEXAS 79756
PH. 943-3234 OR 563-1040

Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4521

RESULT OF WATER ANALYSES

LABORATORY NO. 50094
SAMPLE RECEIVED 5-16-00
RESULTS REPORTED 5-16-00

TO: Mr. Randy Cate
P.O. Box 2267, Midland, TX 79702

COMPANY EOG Resources, Inc. LEASE Vaca 13 Federal
FIELD OR POOL
SECTION 13 BLOCK SURVEY T-25S&R-33E COUNTY Lea STATE NM
SOURCE OF SAMPLE AND DATE TAKEN:
NO. 1 Raw water - taken from fresh water well located in NW/4 of Section 13.
NO. 2
NO. 3
NO. 4
REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES

	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0062			
pH When Sampled				
pH When Received	6.54			
Bicarbonate as HCO_3	88			
Supersaturation as $CaCO_3$				
Undersaturation as $CaCO_3$				
Total Hardness as $CaCO_3$	4,300			
Calcium as Ca	980			
Magnesium as Mg	450			
Sodium and/or Potassium	485			
Sulfate as SO_4	458			
Chloride as Cl	3,409			
Iron as Fe	11.2			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	5,869			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0			
Resistivity, ohmsm at 77° F.	0.920			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Nitrate, as N	1.0			

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief.

Form No. 3

By
Waylan C. Martin, M.A.

Side 1

INJECTION WELL DATA SHEET

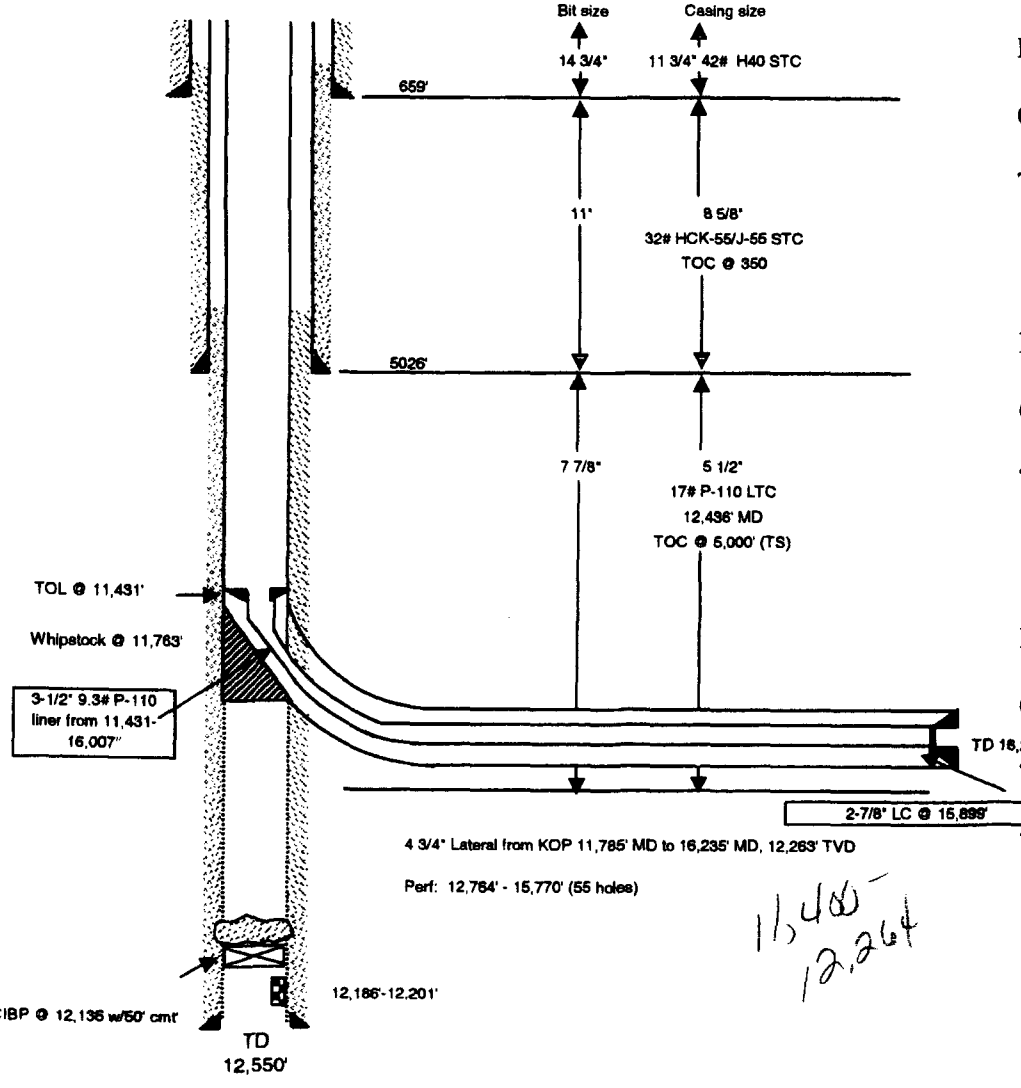
OPERATOR: EOG Resources, Inc. P.o. Box 2267 Midland, TX 79702

WELL NAME & NUMBER: Red Hills North Unit 807

WELL LOCATION:	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE
	991' FSL & 330' FWL SL	M			
	2593 FSL & 1066 FEL BHL	H	18	25S	34E

30-025-34659

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 14 3/4 Casing Size: 11 3/4

Cemented with: 450 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: circulation

Intermediate Casing

Hole Size: 11 Casing Size: 8 5/8

Cemented with: 1250 sx. *or* _____ ft³

Top of Cement: 350' Method Determined: Temp Survey

Production Casing

Hole Size: 7 7/8 Casing Size: 5 1/2

Cemented with: 1110 sx. *or* _____ ft³

Top of Cement: 4500' Method Determined: calculation

Total Depth: 16235 MD, 12264 VD

Injection Interval

12764 feet to 15770

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

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

Type of Packer: Halliburton PLS

Packer Setting Depth: +/- 11400'

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

Additional Data

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

   If no, for what purpose was the well originally drilled? Production

2. Name of the Injection Formation: Bone Spring

3. Name of Field or Pool (if applicable): Red Hills; Bone Spring

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. No

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

   Next Higher; Delaware 5183' - 9260'

   Next Lower; Wolfcamp 12284' - 13800'

APPLICATION FOR AUTHORIZATION TO INJECT
RED HILLS NORTH UNIT NO. 807

VII. PROPOSED OPERATION

(1) Proposed Average Daily Rate and Volume : 2000 BPD
Proposed Maximum Daily Rate and Volume: 3000 BPD

(2) Open or Closed System: Closed

(3) Proposed Average Injection Surface Pressure: 3000 psi
Proposed Maximum Injection Surface Pressure: 3700 psi
Note: Original Bone Spring formation BHP 9500 psi.

(4) Produced Bone Spring Formation Water: 250-300 BPD from Red Hills Field (Bone Spring) (see attached analysis)

(5) N/A

VIII. GEOLOGIC DATA ON INJECTION ZONE

Injection Zone: 3rd Bone Spring
Lithologic Detail: Fine grain sandstone
Geological Name: 3rd Bone Spring
Thickness: Bone Spring – 3204'
3rd Bone Spring – 384'
Depth: Bone Spring 9260' to 12284'
3rd Bone Spring 11900' to 12284'
Underground Sources of Drinking Water:
Geological Name: Triasic
Base: 600'

IX. PROPOSED STIMULATION
None at this time

X. LOGGING AND TESTING DATA ON INJECTION WELL
Logs have previously been submitted

XI. CHEMICAL ANALYSIS OF WATER FROM FRESH WATER WELLS WITHIN ONE MILE OF THE INJECTION WELL
A review of the State Engineers records shows one fresh water well within one mile of the injection well.

XII. Available geologic and engineering data has been examined and no evidence has been found of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water.

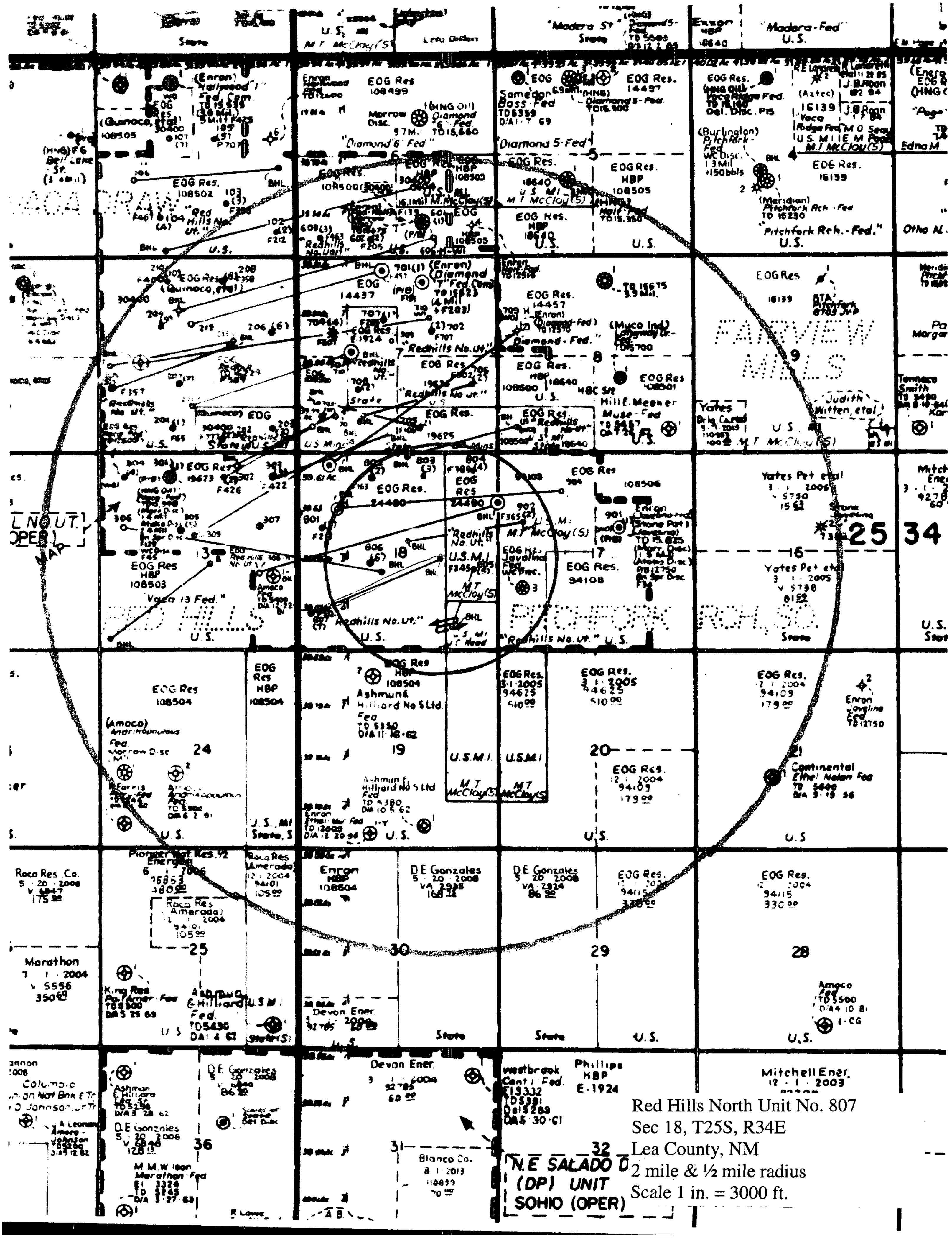
XIII. See attached "Proof of Notice".

Surface Owner:

Mark McCloy
P.O. Box 1076
Jal, NM 88252

Offset Operators:

EOG is the only operator within a ½ mile radius of the injector.



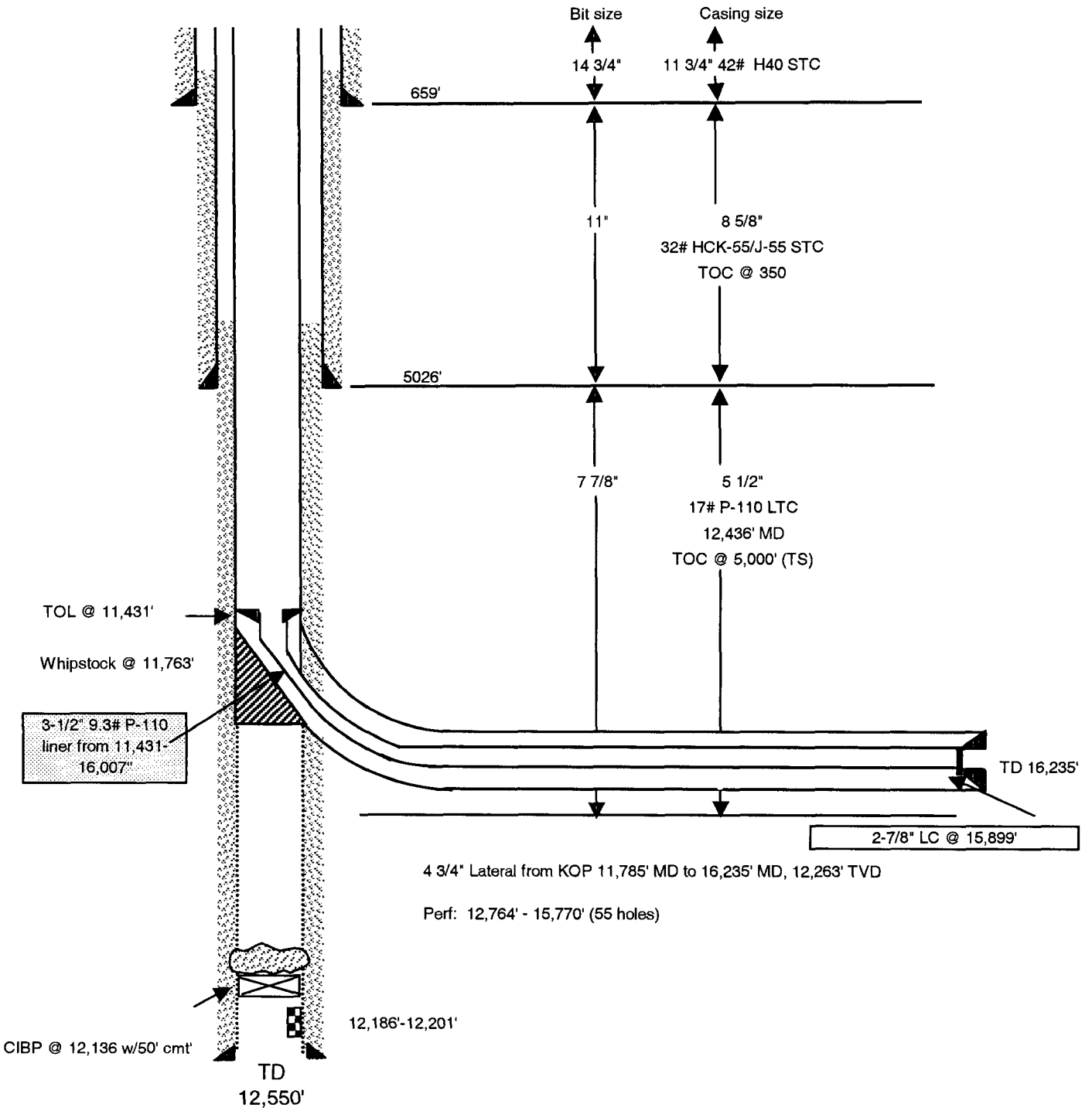
Red Hills North Unit No. 807
Sec 18, T25S, R34E
Lea County, NM
2 mile & ½ mile radius
Scale 1 in. = 3000 ft.

EOG Resources, Inc
1/2 Mile Area of Review
Application for Authorization to Inject RHNU # 807

						Surface Casing			Production Casing			
Operator	Lease/Well	Status	Location	Spud Date	TMD	Size	Depth	Cement	Size	Depth	Cement	Producing Perfs
EOG Resources	Javelina 17 Fed 3	producer	Sec 17, T25S, R34E	10/27/1999	14080	11 3/4	683	400 sx Class C	5 1/2	14080	1210 sx Class H	13,704'-13,832'
EOG Resources	RHNU 802	producer	Sec 18, T25S, R34E	11/17/1994	12575	11 3/4	650	350 sx Prem Plus	5 1/2	12560	1505 HLP/Prem	12,260'-12,318'
EOG Resources	RHNU 803	producer	Sec 18, T25S, R34E	2/6/1995	12550	11 3/4	674	350 sx Premium	5 1/2	12547	1300 sx Premium	12,230'-12,280'
EOG Resources	RHNU 804	producer	Sec 18, T25S, R34E	4/19/1995	12550	11 3/4	671	350 sx Prem Plus	5 1/2	12550	1142 sx Prem 50:50 POZ	12,258'-12,368'
EOG Resources	RHNU 805	producer	Sec 18, T25S, R34E	9/15/1995	16333	11 3/4	685	350 sx Prem Plus	3 1/2	15921	150 sx Class H	12,653-15,780
EOG Resources	RHNU 806	producer	Sec 18, T25S, R34E	10/31/1995	12431	11 3/4	685	250 sx Prem Plus	5 1/2	12431	1430 sx Prem 50:50 POZ	12,204'-12,223'
EOG Resources	RHNU 902	producer	Sec 17, T25S, R34E	7/7/1995	15104	11 3/4	653	350 sx Prem Plus	3 1/2	15102	245 sx Class H	12,494'-14,609'

eog resources

RHNU No.807H R/E
990' FSL & 330' FWL
Sec. 16-25S-34E
Lea County, New Mexico
API 30-025-34659
102767



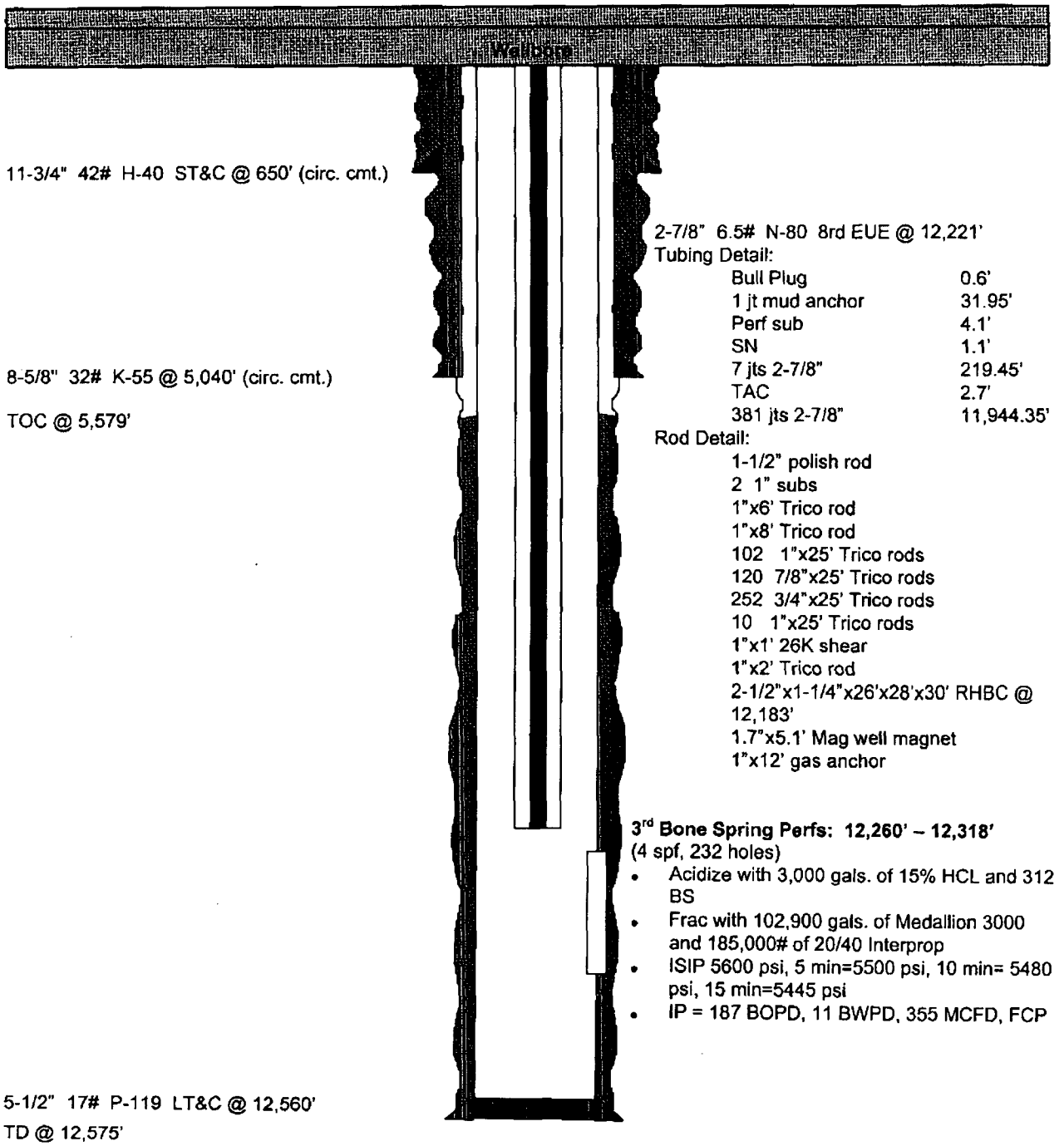
11/10/2005

RHNU # 802

ENRON OIL & GAS COMPANY

DIAMOND "18" FEDERAL NO. 2
LEA CO., NEW MEXICO
MAY 13, 1998

WELLBORE SCHEMATIC



11-3/4" 42# H-40 ST&C @ 650' (circ. cmt.)

8-5/8" 32# K-55 @ 5,040' (circ. cmt.)

TOC @ 5,579'

2-7/8" 6.5# N-80 8rd EUE @ 12,221'

Tubing Detail:

Bull Plug	0.6'
1 jt mud anchor	31.95'
Perf sub	4.1'
SN	1.1'
7 jts 2-7/8"	219.45'
TAC	2.7'
381 jts 2-7/8"	11,944.35'

Rod Detail:

1-1/2" polish rod
2 1" subs
1"x6' Trico rod
1"x8' Trico rod
102 1"x25' Trico rods
120 7/8"x25' Trico rods
252 3/4"x25' Trico rods
10 1"x25' Trico rods
1"x1' 26K shear
1"x2' Trico rod
2-1/2"x1-1/4"x26'x28'x30' RHBC @ 12,183'
1.7"x5.1' Mag well magnet
1"x12' gas anchor

3rd Bone Spring Perfs: 12,260' – 12,318'
(4 spf, 232 holes)

- Acidize with 3,000 gals. of 15% HCL and 312 BS
- Frac with 102,900 gals. of Medallion 3000 and 185,000# of 20/40 Interprop
- ISIP 5600 psi, 5 min=5500 psi, 10 min= 5480 psi, 15 min=5445 psi
- IP = 187 BOPD, 11 BWPD, 355 MCFD, FCP

5-1/2" 17# P-119 LT&C @ 12,560'
TD @ 12,575'

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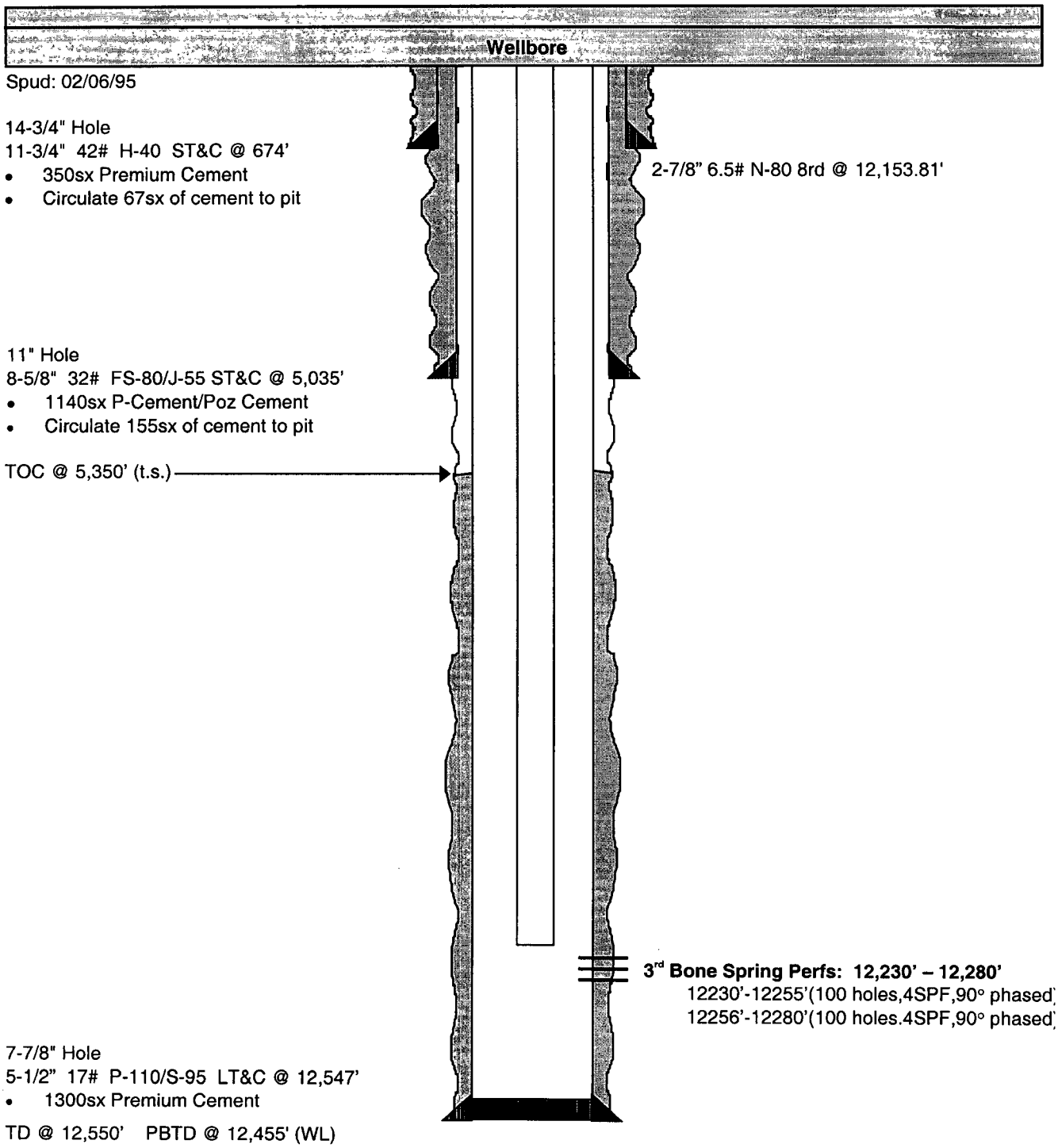
RHNU # 803

EOG RESOURCES, INC.
660' FNL & 1980' FEL
Sec.18-T25S-R34E

DIAMOND '18' FEDERAL NO. 3
LEA CO., NEW MEXICO
JULY 31, 2000

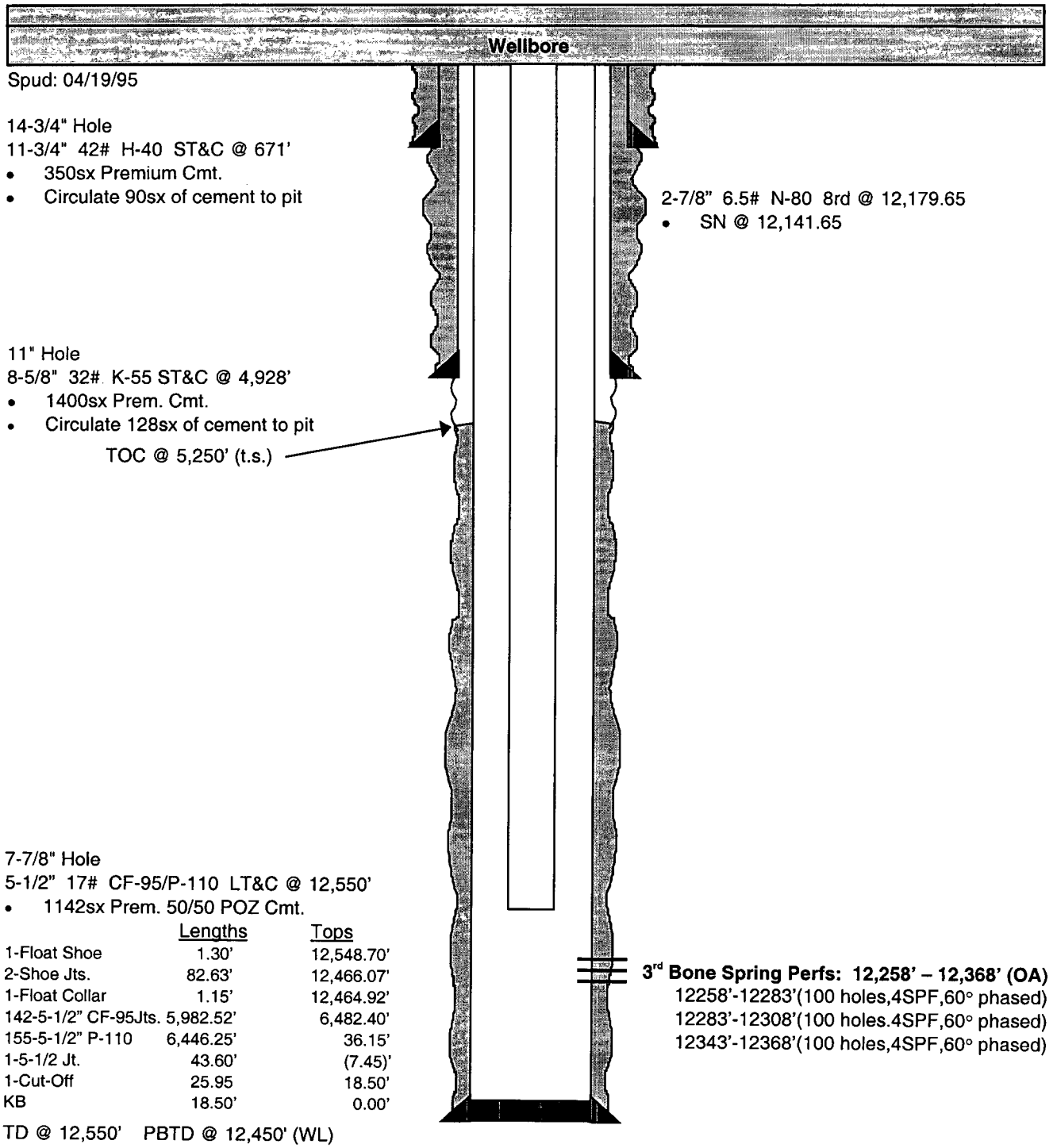
WELLBORE SCHEMATIC



EOG RESOURCES, INC.
510' FNL & 660' FWL
Sec.18-T25S-R34E

RHNU NO.804 / DIAMOND "18" FEDERAL NO. 4
LEA CO., NEW MEXICO
DECEMBER 12, 2000

WELLBORE SCHEMATIC



Spud: 04/19/95

14-3/4" Hole
11-3/4" 42# H-40 ST&C @ 671'
- 350sx Premium Cmt.
- Circulate 90sx of cement to pit

2-7/8" 6.5# N-80 8rd @ 12,179.65
- SN @ 12,141.65

11" Hole
8-5/8" 32# K-55 ST&C @ 4,928'
- 1400sx Prem. Cmt.
- Circulate 128sx of cement to pit

TOC @ 5,250' (t.s.)

7-7/8" Hole
5-1/2" 17# CF-95/P-110 LT&C @ 12,550'
- 1142sx Prem. 50/50 POZ Cmt.

	Lengths	Tops
1-Float Shoe	1.30'	12,548.70'
2-Shoe Jts.	82.63'	12,466.07'
1-Float Collar	1.15'	12,464.92'
142-5-1/2" CF-95Jts.	5,982.52'	6,482.40'
155-5-1/2" P-110	6,446.25'	36.15'
1-5-1/2 Jt.	43.60'	(7.45)'
1-Cut-Off	25.95	18.50'
KB	18.50'	0.00'

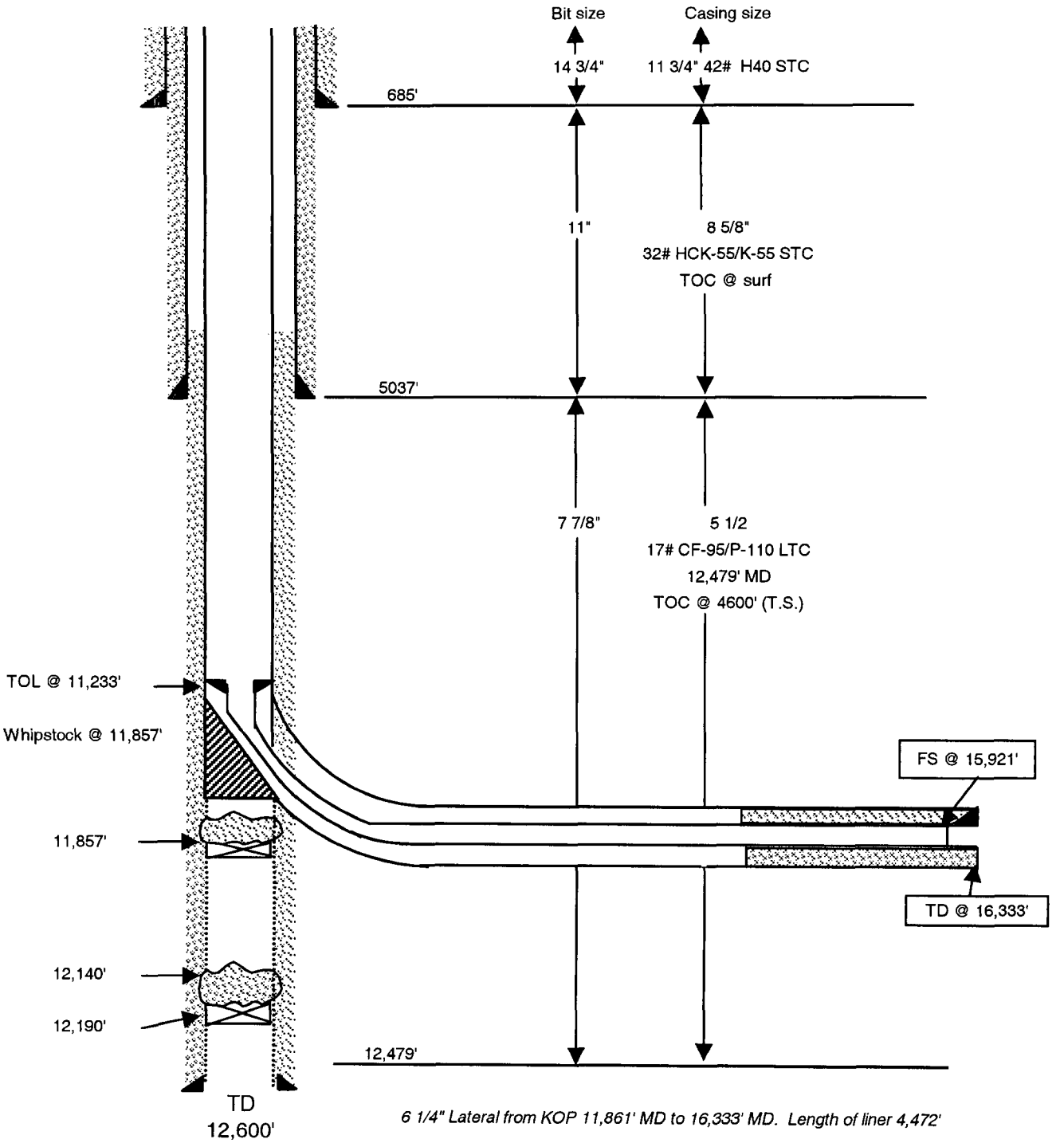
TD @ 12,550' PBTD @ 12,450' (WL)

3rd Bone Spring Perfs: 12,258' – 12,368' (OA)
12258'-12283'(100 holes,4SPF,60° phased)
12283'-12308'(100 holes.4SPF,60° phased)
12343'-12368'(100 holes,4SPF,60° phased)

Red Hills North Unit No. 805 R/E

2129' FSL & 660' FEL
Sec. 18-25S-34E
Lea County, New Mexico

eog resources



6 1/4" Lateral from KOP 11,861' MD to 16,333' MD. Length of liner 4,472'

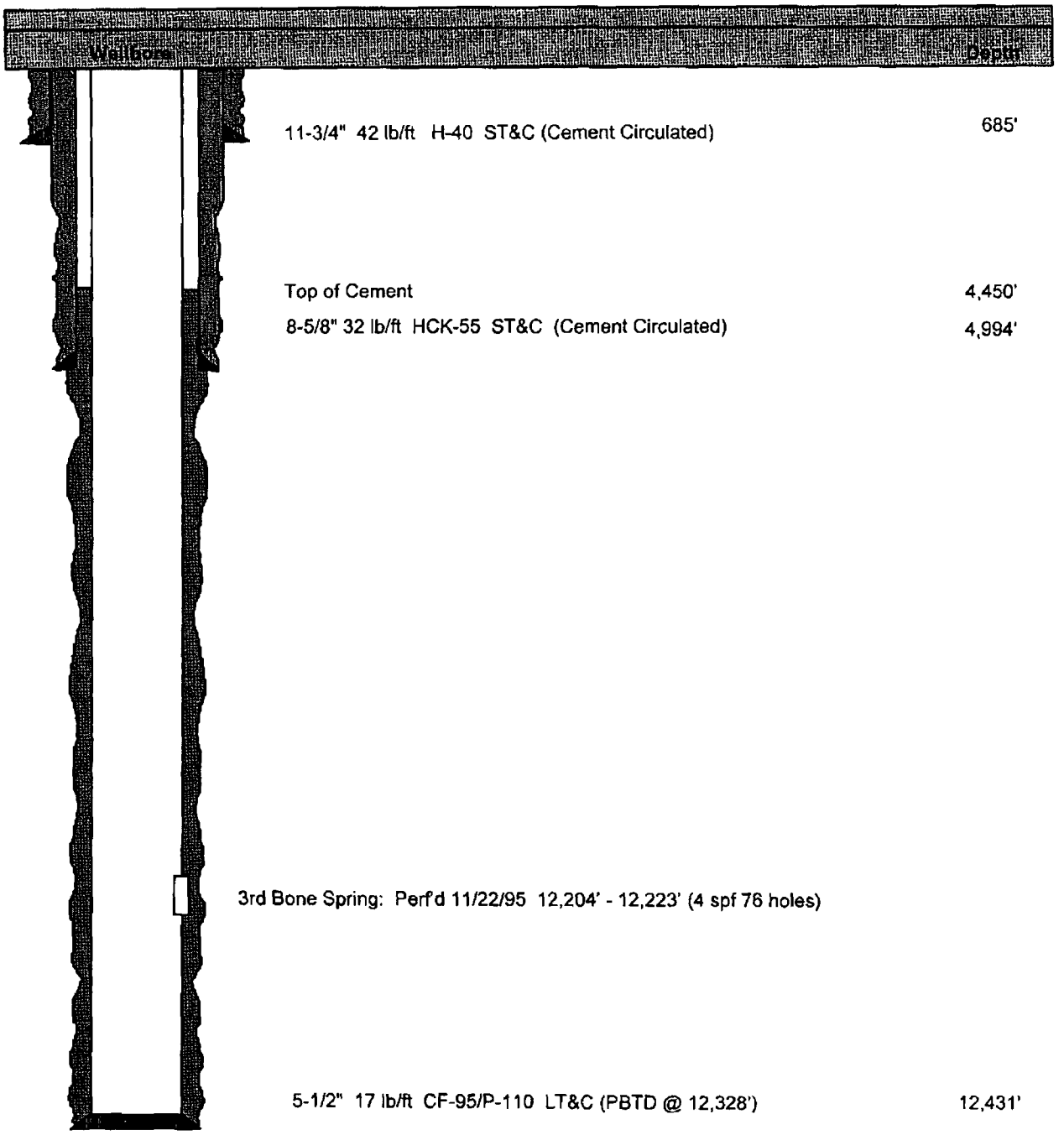
11/10/2005

RHNU # 806

Enron Oil & Gas Company

Diamond "18" Federal No. 6
Lea County, New Mexico
March 12, 1997

WELL SCHEMATIC

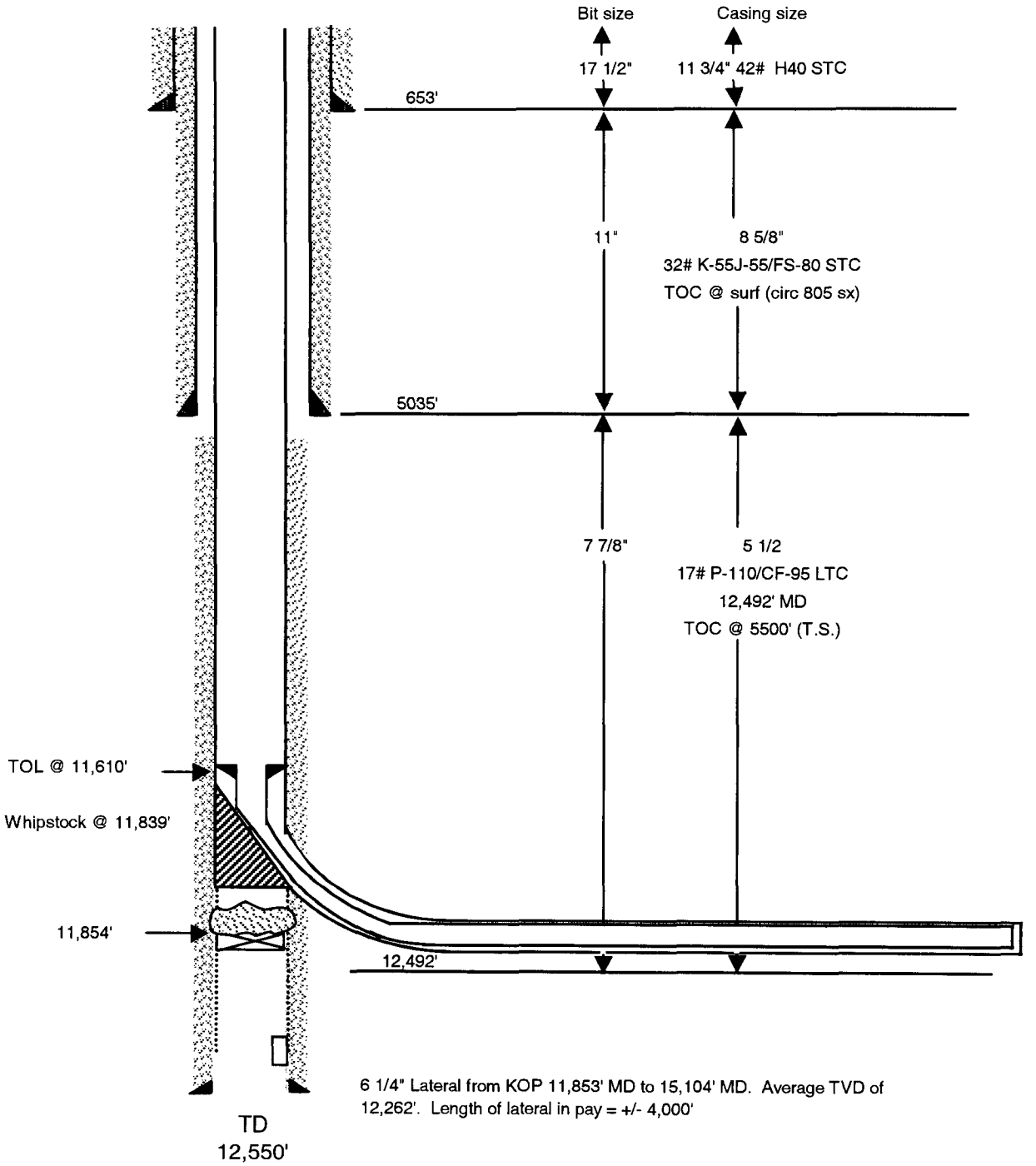


N:\SCHEM\LEA\COMP

eog resources

Red Hills North Unit No. 902 R/E

1830' FNL & 660' FWL
Sec. 17-25S-34E
Lea County, New Mexico



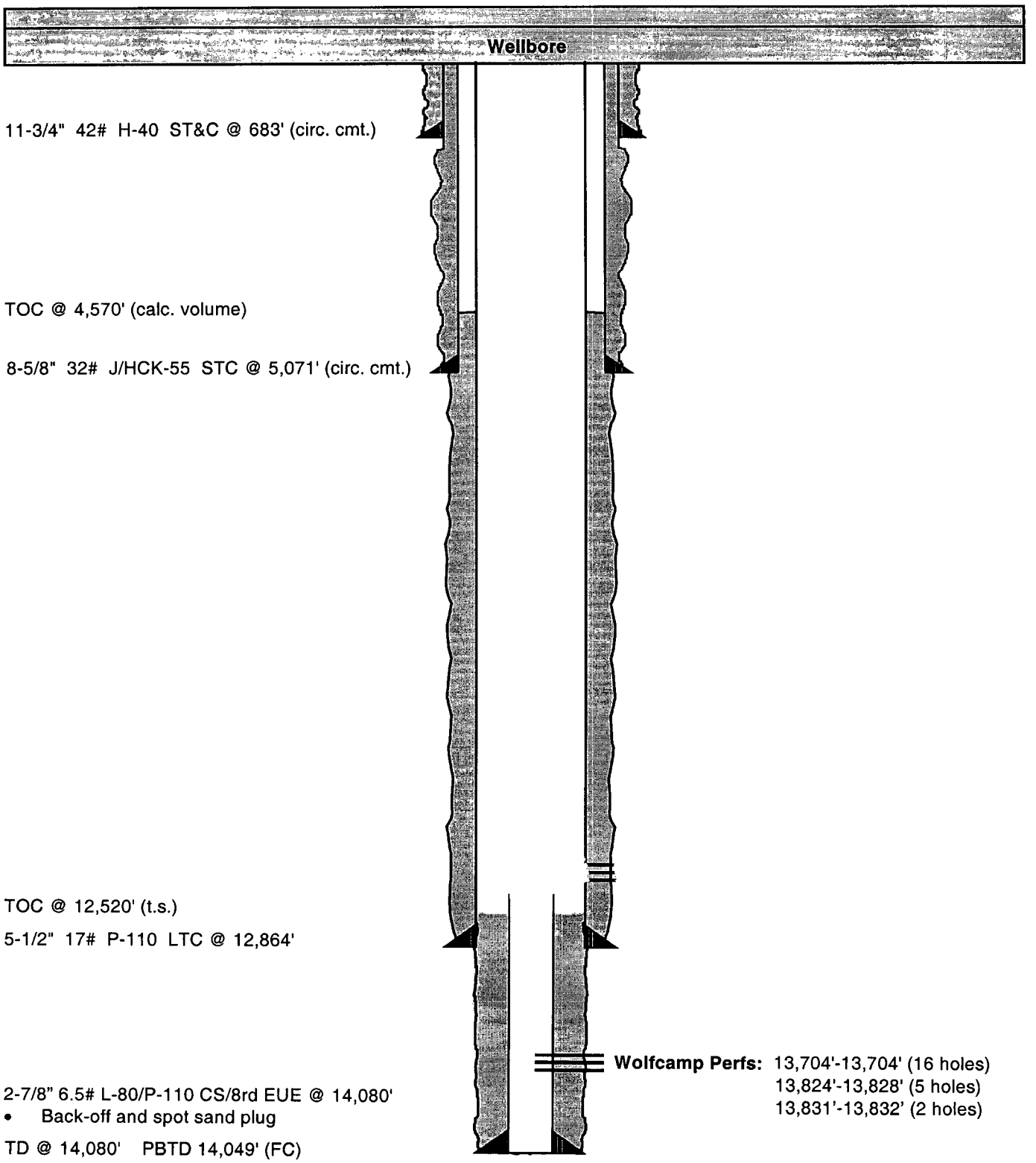
6 1/4" Lateral from KOP 11,853' MD to 15,104' MD. Average TVD of 12,262'. Length of lateral in pay = +/- 4,000'

11/10/2005

EOG RESOURCES, INC.

JAVELINA "17" FEDERAL NO. 3
LEA CO., NEW MEXICO
AUGUST 10, 2000

WELLBORE SCHEMATIC



n:\schematics\lea\javelina 17 fed. no. 3\comp.doc

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 25S Range: 33E Sections: 13

NAD27 X: Y: Zone: Search Radius:

County: LE Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic ◉ All

Well / Surface Data Report | Avg Depth to Water Report | Water Column Report

Clear Form | WATERS Menu | Help

WELL / SURFACE DATA REPORT 09/15/2005

DB File Nbr	Use	(acre ft per annum) Diversion	Owner	Well Number	Source	(quarters are 1• (quarters are bi 1
C 02336	PRO	3	ENRON OIL & GAS COMPANY	C 02336	Shallow	2
C 02373	COM	25	ENRON OIL & GAS COMPANY	C 02373 S	Shallow	2

Record Count: 2

P. O. BOX 1468
MONAHANS, TEXAS 79756
PH. 943-3234 OR 563-1040

Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4521

RESULT OF WATER ANALYSES

LABORATORY NO. 50094

TO: Mr. Randy Cate
P.O. Box 2267, Midland, TX 79702

SAMPLE RECEIVED 5-16-00
RESULTS REPORTED 5-16-00

COMPANY EOG Resources, Inc. LEASE Vaca 13 Federal

FIELD OR POOL

SECTION 13 BLOCK SURVEY T-25S&R-33E COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Raw water - taken from fresh water well located in NW/4 of Section 13.

NO. 2

NO. 3

NO. 4

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES

	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0062			
pH When Sampled				
pH When Received	6.54			
Bicarbonate as HCO_3	88			
Supersaturation as $CaCO_3$				
Undersaturation as $CaCO_3$				
Total Hardness as $CaCO_3$	4,300			
Calcium as Ca	980			
Magnesium as Mg	450			
Sodium and/or Potassium	485			
Sulfate as SO_4	458			
Chloride as Cl	3,409			
Iron as Fe	11.2			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	5,869			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0			
Resistivity, ohm-m at 77° F.	0.920			
Suspended Oil				
Filterable Solids as mg/l				
Volume Filtered, ml				
Nitrate, as N	1.0			

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief.

Form No. 3

By Waylan C. Martin, M.A.

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: NM24490

1a. Type of Well: [X] Oil Well [ ] Gas Well [ ] Dry Other

b. Type of Completion: [ ] New Well [X] Work Over [X] Deepen [ ] Plug Back [ ] Diff.Resvr,. Other

6. If Indian, Allotee or Tribe Name:

7. Unit or CA Agreement Name and No.: Red Hills North Unit

2. Name of Operator: EOG Resources Inc.

8. Lease Name and Well No.: Red Hills North Unit 807

3. Address: P.O. Box 2267 Midland TX 79702

3a. Phone No. (include area code): 432 686 3689

9. API Well No.: 30-025-34659

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: 991' FSL & 330' FWL

At top prod. interval reported below

At total depth: 2593' FSL & 1066' FEL

10. Field and Pool, or Exploratory: Red Hills; Bone Spring

11. Sec., T., R., M., or Block and Survey or Area: Sec 18, T25S, R34E

12. County or Parish: Lea

13. State: NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
WO 11/14/03	12/18/03	[ ] D & A [X] Ready to Prod. 1/9/04	3346' GL

18. Total Depth: MD / TVD	19. Plug Back T.D.: MD / TVD	20. Depth Bridge Plug Set: MD / TVD
16235 / 12264		

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run [X] No [ ] Yes (Submit report
Directional Survey? [ ] No [X] es (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No.of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14 3/4	11 3/4	42		659		450 Prem +		Surface	
11	8 5/8	32		5026		1250 Interfl		350' TS	
7 7/8	5 1/2	17		12435		1110 prem		4500	
4 3/4	3 1/2	9.3	11431	16007		350 H			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	3rd Bone Spring	12764		12764-15770		55	Producing
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12764-15770	Acidized w/ 12,000 gal 15% HCL
	Frac w/ 223,000 gal Delta-Frac 200-R + 300,000 lbs 18/40 mesh Versaprop

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
1/9/04	1/18/04	24		616	863	21	40		Flowing
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	
OPEN	200						1401	POW	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	

ACCEPTED FOR RECORD
JAN 27 2004
GARY GOURLEY
PETROLEUM ENGINEER

(See instructions and spaces for additional data on reverse side)

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM30400

1a. Type of Well [X] Oil Well [ ] Gas Well [ ] Dry Other

b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff.Resvr,. Other

6. If Indian, Allotee or Tribe Name

7. Unit or CA Agreement Name and No. Red Hills North Unit

2. Name of Operator: EOG Resources Inc.

8. Lease Name and Well No. Red Hills North Unit 213

3. Address: P.O. Box 2267 Midland TX 79702

3a. Phone No. (include area code): 432 686 3689

9. API Well No. 30-025-36584

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 2213' FNL & 1920' FEL U/L G

10. Field and Pool, or Exploratory Red Hills; Bone Spring

11. Sec., T., R., M., or Block and Survey or Area Sec 12, T25S, R33E

At top prod. interval reported below

At total depth BHL: L-12-25s-33e, 2859/N & 4899/E

12. County or Parish Lea

13. State NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
3/9/04	4/17/04	[ ] D & A [X] Ready to Prod. 5/5/04	3403' GL

18. Total Depth: MD / TVD	19. Plug Back T.D.: MD / TVD	20. Depth Bridge Plug Set: MD / TVD
15185 / 12262		

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

No Logs Run

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run [X] No [ ] Yes (Submit report
Directional Survey? [ ] No [X] Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No.of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8	48		650		480 sx		Surface	
12 1/4	9 5/8	40		5200		1429 sx		Surface	
8 3/4	7	26		12539		1350 sx		4790 TS	
6 1/8	4 1/2	11.60	11597	15165		200 sx			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8	11501							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	3rd Bone Spring	12614		12614 - 15020		56	Producing
B)							
C)							
D)							

RECEIVED Hobbs OCD

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12614-15020	Frac w/ 240,000 gals SpectraFrac G2500 + 305,000 lbs 18/40 Versaprop

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
5/5/04	5/26/04	24	→	483	1119	66	45.0		Flowing

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
1"	250		→				2317	POW

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
			→					

ACCEPTED FOR RECORD
JUN 2 2004
GARY GOURLEY
PETROLEUM ENGINEER

(See instructions and spaces for additional data on reverse side)