DATE IN 12/14/09	SUSPENSE	ENGINEER Warnell	LOGGED IN 12/14	TYPE WFX	PTGW APP NO. 0934856497

ABOVE THIS LINE FOR DIVISION USE ONLY

RECEIVED
2009 DEC 14 AM 11 46

AGU #217
30-025-31562
XTO -

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

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]

WFX-859

[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
X WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

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

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

[B] X Offset Operators, Leaseholders or Surface Owner

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

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

[E] X 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.

Kristy Ward	Kristy Ward	Regulatory Analyst	~~11/05/09~~ 12/2/09
Print or Type Name	Signature	Title	Date

kristy_ward@xtoenergy.com
e-mail Address

AGU #317 30-025-31562

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: **XTO Energy, Inc.**

ADDRESS: **200 N. Loraine, Ste. 800 Midland, TX 79701**

CONTACT PARTY: **Kristy Ward** PHONE: **432-620-6740**

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: **#9483 (1991 Hearing)**

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. **Attached.**

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. **Attached.**

VII. Attach data on the proposed operation, including: **Attached.**

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. **Attached.**

IX. Describe the proposed stimulation program, if any. **N/A**

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). **Logs Attached.**

*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. **Attached.**

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. **Attached.**

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form. **Attached.**

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: **Kristy Ward** TITLE: **Regulatory Analyst**

SIGNATURE: Kristy Ward DATE: **November 20, 2009**

E-MAIL ADDRESS: **kristy_ward@xtoenergy.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: Attached.

(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. **Arrowhead Grayburg**

(2) The injection interval and whether it is perforated or open-hole. **3585'-3862' - Perforated.**

(3) State if the well was drilled for injection or, if not, the original purpose of the well. **Oil 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. **See Wellbore Diagrams Attached.**

(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.
Penrose 3434' (above) & San Andres 3869' (below)

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. **Attached.**
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: **Attached.**

(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.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: XTO Energy, Inc.

WELL NAME & NUMBER: Arrowhead Grayburg Unit #217 30-025-31562

WELL LOCATION: 660' FNL & 2045' FEL | B | 18 | 22S | 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 ¼" Casing Size: 8 5/8"

Cemented with: 750 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7 7/8" Casing Size: 5 ½"

Cemented with: 750 sx. ***or*** _____ ft^3

Top of Cement: @ 1075' Method Determined: TS

Total Depth: 3868'

Injection Interval

3585' feet to 3862' Perforated

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

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

Type of Packer: Peak AS1-X-NP

Packer Setting Depth: 3560'

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 Producer

2. Name of the Injection Formation: Grayburg

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

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. See Wellbore Diagram

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

   Penrose @ 3434' above

   San Andres @ 3869' below

XTO Energy, Inc.
Arrowhead Grayburg Unit #217 CTI
API #30-025-31562
Section 18, T-22S, R-37E
Lea County, New Mexico
C-108 (Application for the Authorization to Inject)

VII. Data For Proposed Operation

1. Proposed average and maximum daily rate and volume of fluids to be injected.

   Average daily rate of 1000 BWIPD
   Maximum daily rate of 3000 BWIPD

2. System is closed.

3. Proposed average and maximum injection pressure:

   Average injection pressure of 650 psi
   Maximum injection pressure of 730 psi

4. The source of the injection fluids will be the produced water from existing Arrowhead Grayburg producers (see attached water analysis).

5. N/A

VIII. Geologic Data

The injection zone is the Grayburg dolomite. This formation is approximately 245' thick and begins at a measured depth of 3,635'. There are no known sources of drinking water below the injection zone.

IX. Proposed Stimulation Program

N/A

X. Well Test Information

No Well Test information available due to well being TA'd. Logs are attached.

XI. Chemical Analysis

Water and Chemical Analysis are attached.

XII. Geological Statement

XTO has examined the available geologic and engineering data and we find no evidence that there are any open faults or fractures in the well or area that would provide a connection between the injection zone and potential sources of water.

XIII. Proof of Notice

Proof of Notice on Attached Page.

Surface Owner

Millard Deck Estate
3903 Bellaire Blvd.
Houston, TX 77025
Telephone No. (713) 664-1215

I, Kristy Ward, do hereby certify that on November 20, 2009 the above and attached listed interested parties were mailed copies of the application to inject for the Arrowhead Grayburg Unit #217.

Kristy Ward

Offset Operators within ½ Mile Radius

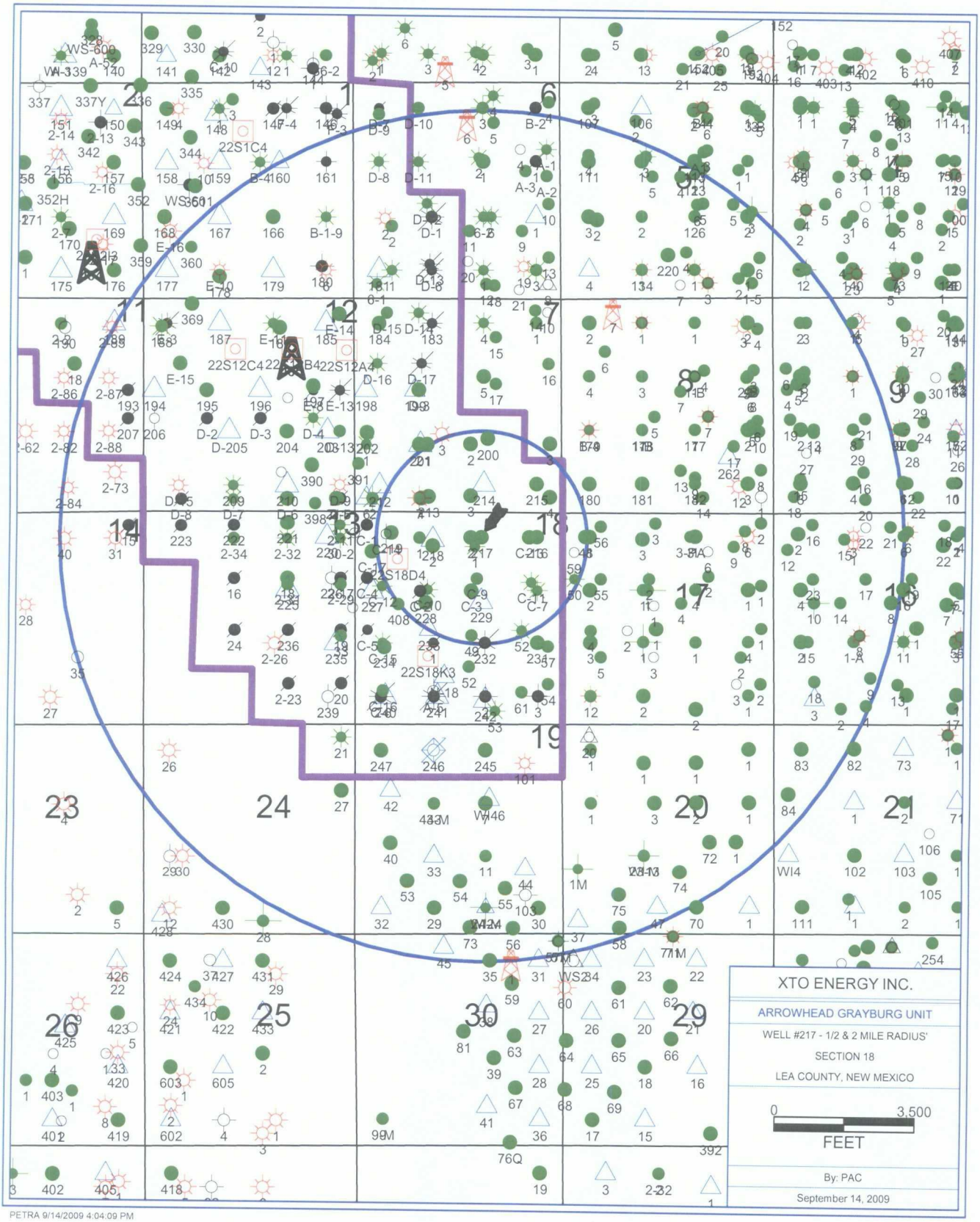
Range Operating
777 Main Street, Ste. 800
Ft. Worth, TX 76102

AOR

John H. Hendrix Corporation
P.O. Box 3040
Midland, TX 79702-3040

ME-TEX Oil & Gas Inc.
401 W. Taylor Street
Hobbs, NM 88240-6053

Table of Wells Within 1/2 Mile Radius of Project Area (AGU 217)												
XTO - AGU												
Well Name	Well No	TD	Section	Township	Range	County	Field	Status	Spud Date	Comp Date	API	Operator
22S18D4	22S18D4	4000						Dev Plan			22S18D4	XTO Energy Inc.
AGU	200	3886	7	22S	37E	Lea	Arrowhead	Oil-Active	10/26/92	03/02/93	30025317520000	XTO Energy Inc.
AGU	213	3868	7	22S	37E	Lea	Arrowhead	Oil-Active	06/22/92	07/24/92	30025315820000	XTO Energy Inc.
AGU	214	3832	7	22S	37E	Lea	Arrowhead	Inj-Active	03/31/36	01/05/37	30025100960000	XTO Energy Inc.
AGU	215	3878	7	22S	37E	Lea	Arrowhead	Oil-Active	11/01/92	01/22/93	30025317510000	XTO Energy Inc.
AGU	216	3850	18	22S	37E	Lea	Arrowhead	Oil-Active	02/22/57	06/06/57	30025103510000	XTO Energy Inc.
AGU	218	3880	18	22S	37E	Lea	Arrowhead	Inj-Active	09/25/91	09/25/92	30025313010000	XTO Energy Inc.
AGU	219	3813	18	22S	37E	Lea	Arrowhead	Oil-Active	07/27/92	08/05/92	30025316090000	XTO Energy Inc.
AGU	228	3795	18	22S	37E	Lea	Arrowhead	Oil-Active	01/24/92	02/17/92	30025312460000	XTO Energy Inc.
AGU	229	3815	18	22S	37E	Lea	Arrowhead	Inj-Active	10/19/92	02/03/93	30025317400000	XTO Energy Inc.
AGU	232	3809	18	22S	37E	Lea	Arrowhead	Oil-PA	04/12/40	07/01/56	30025103520000	XTO Energy Inc.
AGU	233	6703	18	22S	37E	Lea	Arrowhead	Inj-Active	03/01/78	04/01/78	30025258780000	XTO Energy Inc.
CHRISTMAS	C-10	6170	18	22S	37E	Lea	Eumont	Oil-Active	07/20/91	06/01/77	30025255300000	XTO Energy Inc.
CHRISTMAS	C-11	6700	18	22S	37E	Lea	Blinebry Oil	Oil-Active	07/23/77	08/01/77	30025255940000	XTO Energy Inc.
CHRISTMAS	C-13	6700	18	22S	37E	Lea	Drinkard	Oil-Active	08/27/77	09/17/77	30025256340000	XTO Energy Inc.
CHRISTMAS	C-14	6700	18	22S	37E	Lea	Blinebry Oil	Oil-TA	08/31/92	09/01/77	30025256450000	XTO Energy Inc.
CHRISTMAS	C-2	3730	18	22S	37E	Lea	Penrose-Skelly	Oil-PA	01/22/40	02/16/40	30025103450000	XTO Energy Inc.
CHRISTMAS	C-3	3720	18	22S	37E	Lea	Arrowhead	Oil-PA	01/17/40	02/08/40	30025103460000	XTO Energy Inc.
CHRISTMAS	C-7	3700	18	22S	37E	Lea	Eumont	Oil-Active	07/29/44	10/01/56	30025103500000	XTO Energy Inc.
CHRISTMAS	C-9	6750	18	22S	37E	Lea	Eumont	Oil-Active	04/03/77	04/01/77	30025254990000	XTO Energy Inc.
CROSBY, RUBY	1	3735	18	22S	37E	Lea	Arrowhead	Oil-PA	11/19/39	02/01/57	30025103560000	BURLINGTON RES.
CROSBY, RUBY	2	3728	18	22S	37E	Lea	Arrowhead	Oil-PA	12/09/39	12/23/39	30025103570000	Texas Pacific Oil
DECK FED	1	6765	18	22S	37E	Lea	Drinkard	SWD-Active	11/01/77	12/01/77	30025256650000	ME-TEX OIL & GAS INC
DECK FED	2	6761	18	22S	37E	Lea	Drinkard	SWD-Active	12/26/77	02/01/78	30025256660000	ME-TEX OIL & GAS INC
LITTLE V	1	6752	7	22S	37E	Lea	Drinkard	Oil-Active	04/05/78	05/09/78	30025258910000	ME-TEX OIL & GAS INC
LITTLE V	3	6750	7	22S	37E	Lea	Drinkard	Oil-Active	05/31/79	07/02/79	30025263200000	ME-TEX OIL & GAS INC
LITTLE V	4	6756	7	22S	37E	Lea	Drinkard	Oil-Active	10/06/79	11/10/79	30025264710000	ME-TEX OIL & GAS INC
MATTERN	2	6753	7	22S	37E	Lea	Drinkard	Oil-Active	03/03/80	04/13/80	30025266730000	ME-TEX OIL & GAS INC
MATTERN	7	3735	7	22S	37E	Lea	Eumont	Oil-Active	01/31/40	02/18/40	30025100890000	HENDRIX JOHN H CORP
NEW MEXICO M STATE	48	6730	17	22S	37E	Lea	Drinkard	Oil-Active	07/14/78	07/28/78	30025260140000	RANGE OPERATING NM
NEW MEXICO M STATE	59		17	22S	37E	Lea	Eumont	LOC			30025394350000	RANGE OPERATING NM
NM M ST	49	6730	18	22S	37E	Lea	Eunice	Oil-Active	02/26/06	03/15/06	30025260150000	RANGE OPERATING NM
NM M ST	50	6721	17	22S	37E	Lea	Drinkard	Oil-Active	08/19/05	09/30/05	30025373540000	RANGE OPERATING NM
NM M ST	52	6820	18	22S	37E	Lea	Drinkard	Oil-Active	01/06/06	01/13/06	30025373550000	RANGE OPERATING NM
**Wells that are highlighted in yellow are P&A'd and were not sent notification letters.												



PETRA 9/14/2009 4:04:09 PM

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Postmark Here

Sent To: Range Operating
Street, Apt. No.; or PO Box No.: 777 Main Str., Ste. 800
City, State, ZIP+4: Ft. Worth, TX 76102

PS Form 3800, August 2006 — See Reverse for Instructions

December 10, 2009

Range Operating
777 Main Street, Ste. 800
Ft Worth, TX 76102

Re: Offset Operator Notification
Arrowhead Grayburg Unit #217
API #30-025-31562

To Whom It May Concern:

This letter is to notify you that XTO Energy Inc. has submitted to the Oil Conservation Division, an application to convert a well to injection. Our records indicate that you are an offset operator. Attached is a copy of the application sent to the Oil Conservation Division for your review.

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.

If you have any questions please call me at 432-620-6740.

Sincerely,

Kristy Ward
Regulatory

XTO Energy Inc.

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:

Range Operating
777 Main Street, Ste 800
Ft. Worth, TX 76102

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery

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) 7007 2560 0002 4760 3906

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

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CERTIFIED MAIL™

December 10, 2009

John H. Hendrix Corporation
P.O. Box 3040
Midland, TX 79702-3040

Re: Offset Operator Notification
Arrowhead Grayburg Unit #217
API #30-025-31562

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Sincerely,

Kristy Ward

Kristy Ward
Regulatory

XTO Energy Inc.

7007 2560 0002 4760 3890

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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To: John H. Hendrix Corp.
Street, Apt. No.; or PO Box No. P.O. Box 3040
City, State, ZIP+4 Midland, TX 79702-3040

PS Form 3800, August 2006 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

John H. Hendrix Corp.
P.O. box 3040
Midland, TX 79702-3040

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

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) 7007 2560 0002 4760 3890

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

XTO ENERGY

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Total Postage & Fees	$

Postmark Here

Sent To: ME-TEX Oil & Gas Inc.
Street, Apt. No.; or PO Box No.: 401 W. Taylor Street
City, State, ZIP+4: Hobbs, NM 88240-6053

PS Form 3800, August 2006 — See Reverse for Instructions

December 10, 2009

ME-TEX Oil & Gas Inc.
401 W. Taylor Street
Hobbs, NM 88240-6053

Re: Offset Operator Notification
Arrowhead Grayburg Unit #217
API #30-025-31562

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Sincerely,

Kristy Ward

Kristy Ward
Regulatory

SENDER: COMPLETE THIS SECTION

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- Print your name and address on the reverse so that we can return the card to you.
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ME-TEX Oil & Gas Inc
401 W. Taylor Street
Hobbs, NM 88240-6053

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

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) 7007 2560 0002 4760 3883

PS Form 3811, February 2004 Domestic Return Receipt

XTO ENERGY

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Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To: Millard Deck Estate
Street, Apt. No.; or PO Box No.: 3903 Bellaire Blvd.
City, State, ZIP+4: Houston, TX 77025

PS Form 3800, August 2006 — See Reverse for Instructions

December 10, 2009

Millard Deck Estate
3903 Bellaire Blvd.
Houston, TX 77025

Re: Surface Owner Notice
Application to Convert Well to Injection
Arrowhead Grayburg Unit #217

To Whom It May Concern:

This letter is to notify you that XTO Energy Inc. has submitted to the Oil Conservation Division an application to convert a well to injection. Our records indicate that you are a surface owner. Attached is a copy of the application sent to the Oil Conservation Division for your review.

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.

If you have any questions please call me at 432-620-6740.

Sincerely,

Kristy Ward

Kristy Ward
Regulatory

XTO Energy Inc.

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:

Millard Deck Estate
3903 Bellaire Blvd.
Houston, TX 77025

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addresse

B. Received by (Printed Name) C. Date of Deliver

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

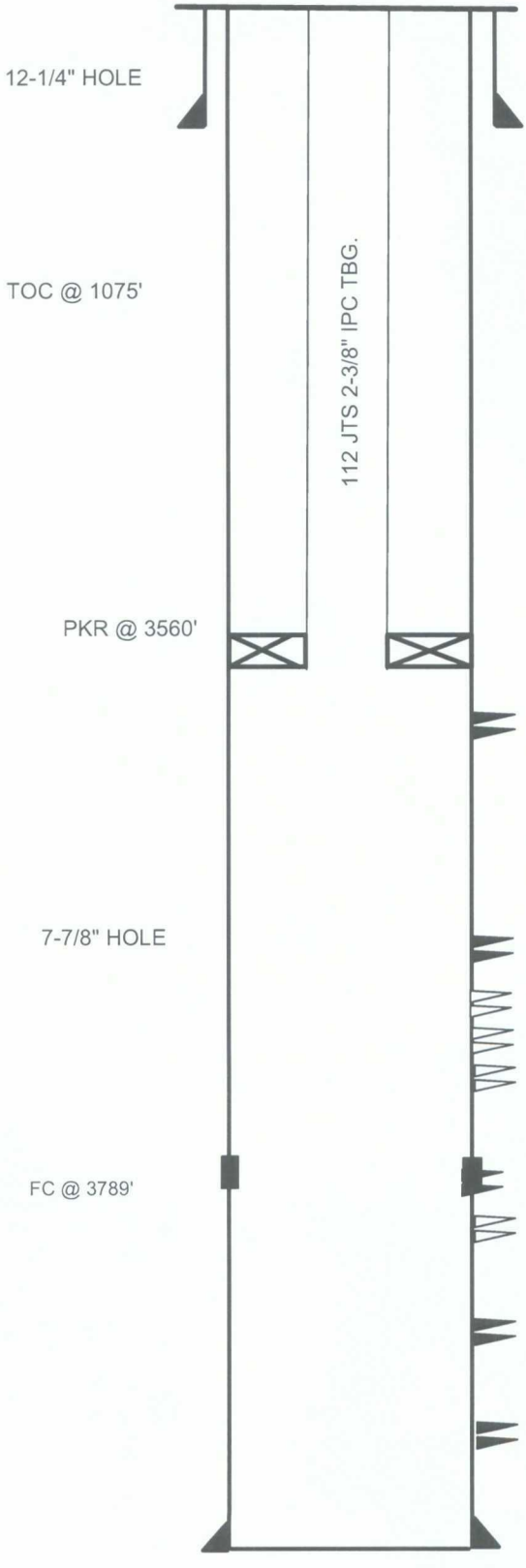
3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandis
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service lab) 7007 2560 0002 4760 3876

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-15

Arrowhead Grayburg Unit #217
LOCATION: 660' FNL & 2045' FEL, SEC 18, T22S, R37E
COUNTY/STATE: LEA, NM
FIELD: ARROWHEAD
FORMATION: GRAYBURG
SPUD DATE: 6/9/92 **COMPLETION DATE:** 7/16/92
API#: 30-025-31562



8-5/8" OD, 23#/FT, M-50 SURF PIPE SET @ 1075'. CMT'D W/ 750 SX. CIRC 191 SX TO SURF.

08/06/09: 112 JTS 2-3/8" IPC TBG, 1.781" FSS PROFILE NPL, PMP-OUT PLUG, 5-½" X 2-3/8" 316 SS ON-OFF TOOL. LANDED @ 3560'.

3585' - 3862' SQZ'D

3652' - 3654' SQZ'D
3674' - 3740' SQZ'D
3675'-80'
3690'-96',
3706'-13',
3732'-38'
W/ 3 SPF

3745' - 3783' SQZ'D
3745'-52' W/ 3 SPF

3794'-3825' SQZ'D

3832' - 3862' SQZ'D

5-1/2" OD, 15.5#/FT, K-55, SET @ 3868'. CMT'D W/ 750 SX. TOC @ 1075' BY TS.

PBTD: 3865'
TD: 3868'

WELL DATA SHEET

FIELD: Arrowhead

WELL NAME: AGU No. 200

FORMATION: Grayburg

LOC: 1780' FSL & 1880' FEL
TOWNSHIP: 22-S
RANGE: 37-E

SEC: 7
COUNTY: Lea
STATE: NM

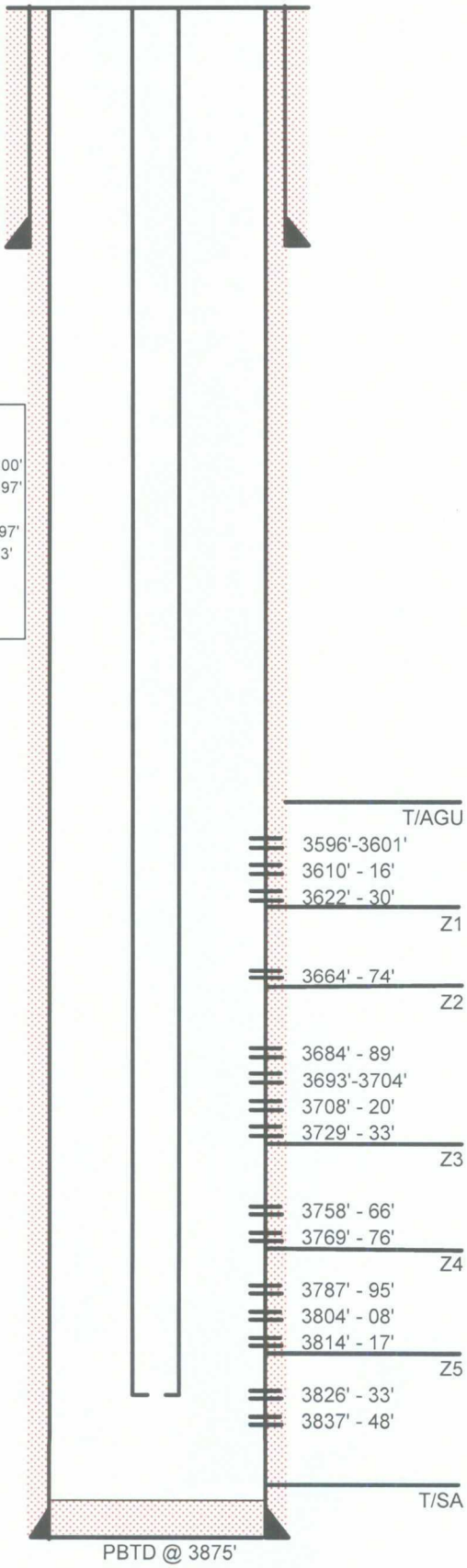
GL: 3430.5'
KB to GL: 13.5'
DF to GL: 12.5'

CURRENT STATUS: Producer
API NO: 30-025-31752
CHEVNO: OU-5372

8-5/8" OD, 23#. M-50 csg
set @ 1061' w/ 750 sxs cmt.
Circ. 250 sxs to surf.
12 1/4" hole size

Tubing Detail: 01-08-93

KBTH:	12.00'
122 Jts J-55 8-RD tbg:	3779.97'
SN :	1.10'
Perf Sub:	3.97'
MAJ w/ BP:	31.63'
Landed @:	3829.00'



5-1/2" OD, 15.5#, K-55 csg
set @ 3885' w/ 730 sxs cmt.
Circ. 52 sxs to surf.
7 7/8" hole size

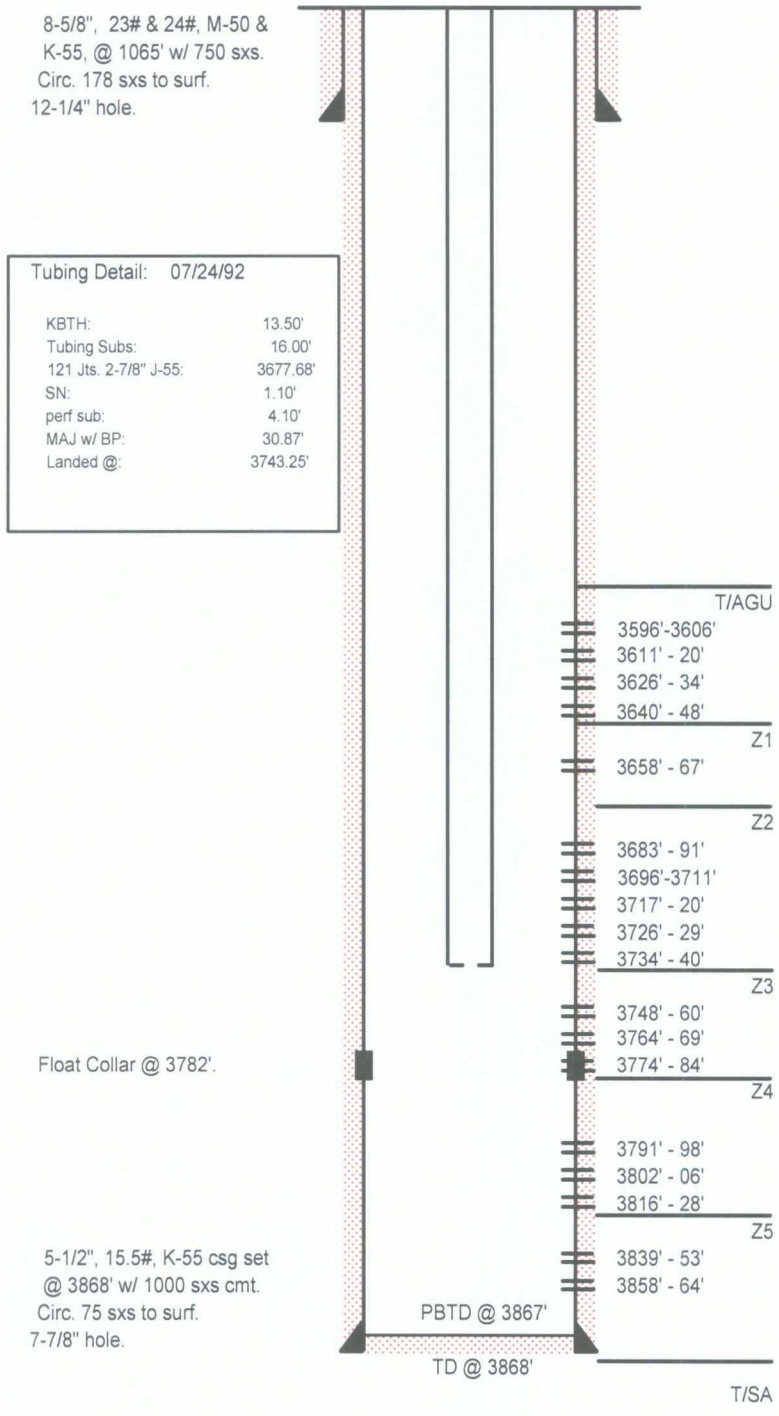
PBTD @ 3875'
TD @ 3886'

MRV: 12/29/97

WELL DATA SHEET

FIELD: Arrowhead | WELL NAME: AGU No. 213 | FORMATION: Grayburg

LOC: 370' FSL & 1880' FWL | SEC: 7 | GL: 3428.3' | CURRENT STATUS: Producer
TOWNSHIP: 22-S | COUNTY: Lea | KB to GL: 13.5' | API NO: 30-025-31582
RANGE: 37-E | STATE: NM | DF to GL: 12.5' | CHEVNO: OS-4855



WELL DATA SHEET

FIELD: Arrowhead

WELL NAME: AGU No. 214 WIW

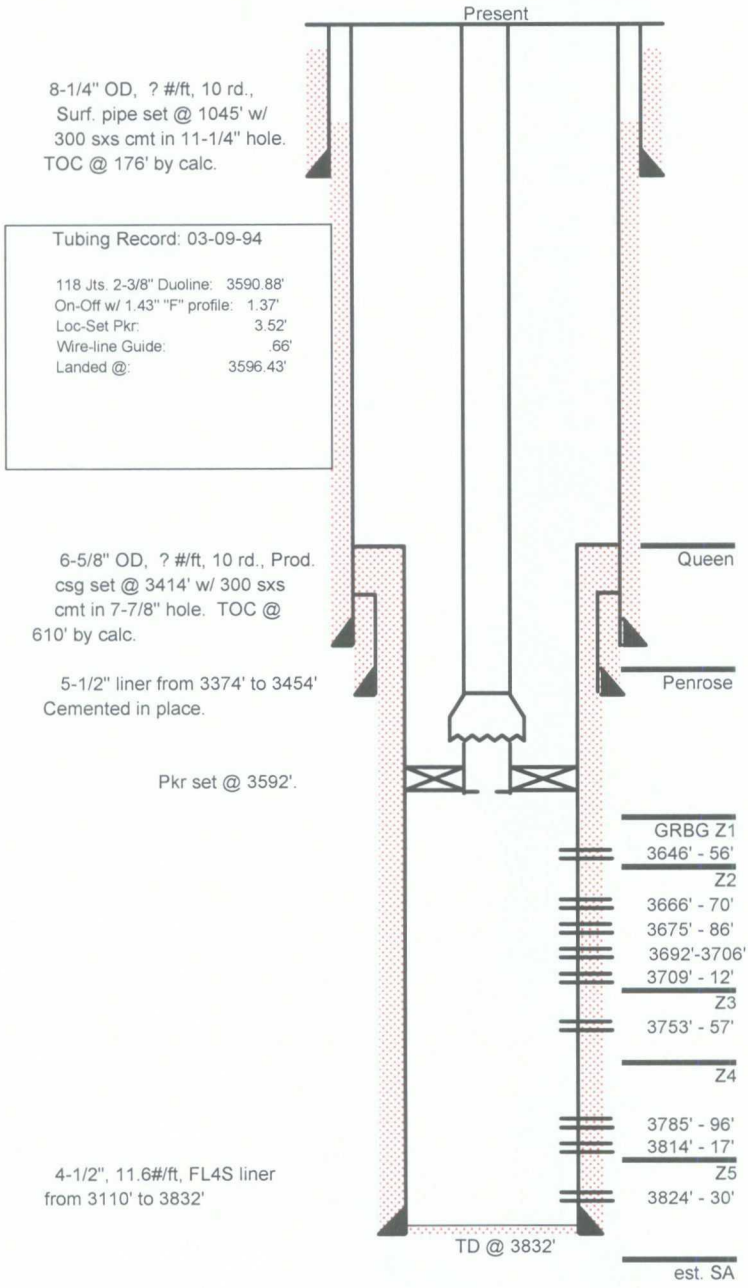
FORMATION: Grayburg

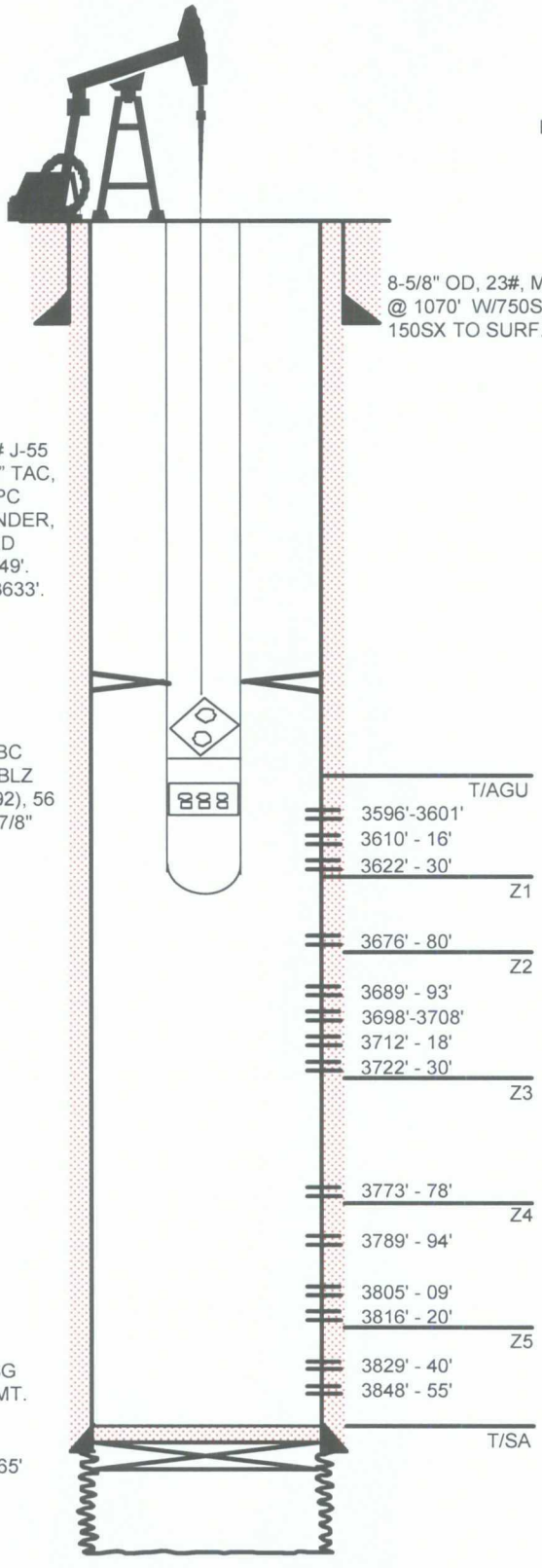
LOC: 660' FSL & 1980' FEL
TOWNSHIP: 22-S
RANGE: 37-E

SEC: 7
COUNTY: Lea
STATE: NM

GL: 3426'
KB to GL: 0'
DF to GL: 0'

CURRENT STATUS: Injector
API NO: 30-025-10096
CHEVNO: FB1104




ELEV: GL:3417'
KB TO GL: 13.5'
DF TO GL: 12.5'
8-5/8" OD, 23#, M-50 SET @ 1070' W/750SX. CIRC 150SX TO SURF.
5/27/09: 112 JTS 2-7/8" 6.5# J-55 EUE 8RD TBG,2-7/8" X 5-½" TAC, 2-7/8" 6.5# J-55 EUE 8RD IPC TBG, 2-7/8" CAVINS DESANDER, 2 – 2-7/8" 6.5# J-55 EUE 8RD TBG W/MALE BP. SN @ 3549'. TAC @ 3514'. LANDED @ 3633'.
5/28/09: 2-½" X 2" X 24' RXBC (WILSON, EU-193), 7/8" STBLZ SUB, 84 – ¾" D-90 RODS (92), 56 – 7/8" D-90 RODS (92), 2 – 7/8" D-90 SUBS (6', 4').
5/28/09: 1-½" X 26' SMPR.
T/AGU
3596'-3601'
3610' - 16'
3622' - 30'
Z1
3676' - 80'
Z2
3689' - 93'
3698'-3708'
3712' - 18'
3722' - 30'
Z3
3773' - 78'
Z4
3789' - 94'
3805' - 09'
3816' - 20'
Z5
3829' - 40'
3848' - 55'
T/SA
5-1/2" OD, 15.5#, K-55 CSG SET @ 3865' W/800SX CMT. CIRC 138SX TO SURF.
BP @ 3865'
PBTD @ 3859'
TD @ 3878'

AGU 215

WELL DATA SHEET

FIELD: Arrowhead

WELL NAME: AGU No. 216
[Orig. A.L. Christmas (NCT-C) #8]

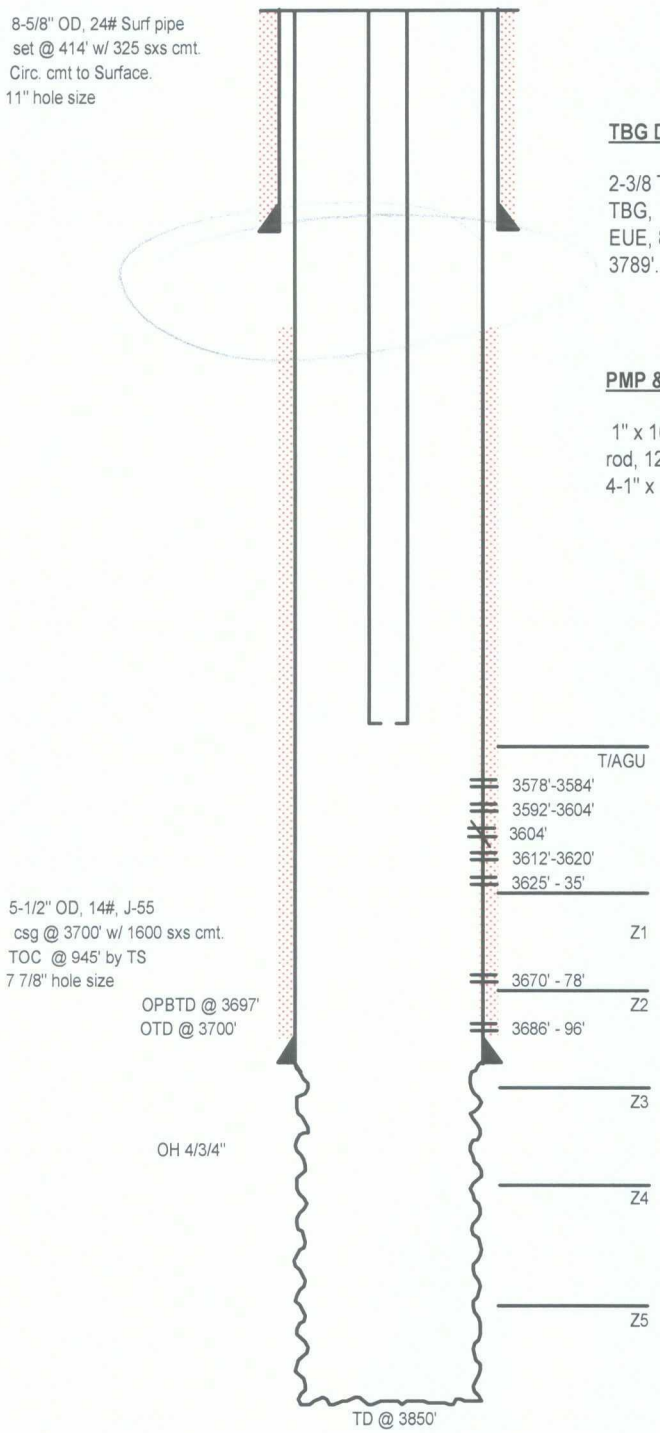
FORMATION: Grayburg

LOC: 660' FNL & 660' FEL
TOWNSHIP: 22-S
RANGE: 37-E

SEC: 18
COUNTY: Lea
STATE: NM

GL: 3411'
KB to GL: 8'
DF to GL: 7'

CURRENT STATUS: Producer
API NO: 30-025-10351
CHEVNO: FB-1344



TBG DETAIL: 08/10/07

2-3/8 TBG w/BPMA, 2-3/8" SN, 7 JTS 2-3/8"6.5# J-55 TBG, 2-3/8" x 5-1/2" TAC, 112 JTS 2-3/8", 4.7#, J-55, EUE, 8rd TBG. TAC @ 3547'. SN @ 3768'. EOT @ 3789'.

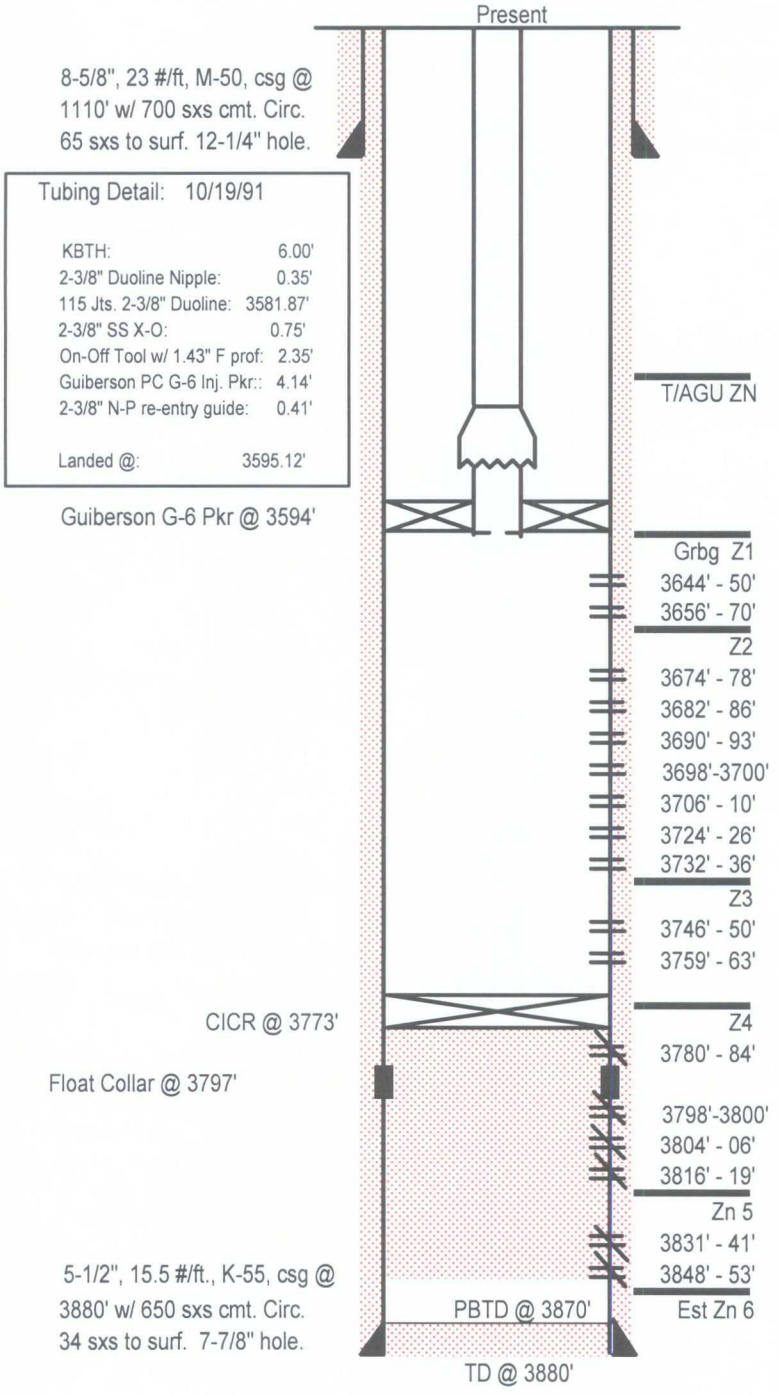
PMP & ROD DETAIL: 08/10/07

1" x 10' GAC, 2.5" x 2.0" x 24' RXBC pmp, 1" x 4' stabilizer rod, 12- 1.5" K-Bars, 63 - 7/8" N-97, 73-1" N-97 sucker rods, 4-1" x 8', 6', 2', 2', ' pony rod & 1-1/2" x 26' SMPR.

WELL DATA SHEET

FIELD: Arrowhead WELL NAME: AGU No. 218 WIW FORMATION: Grayburg

LOC: 710' FNL & 1980' FWL SEC: 18 GL: 3427' CURRENT STATUS: Injector
TOWNSHIP: 22-S COUNTY: Lea KB to GL: 6' API NO: 30-025-31301
RANGE: 37-E STATE: NM DF to GL: 5' CHEVNO: KZ1470



WELL DATA SHEET

FIELD: Arrowhead

WELL NAME: AGU No. 219 WIW

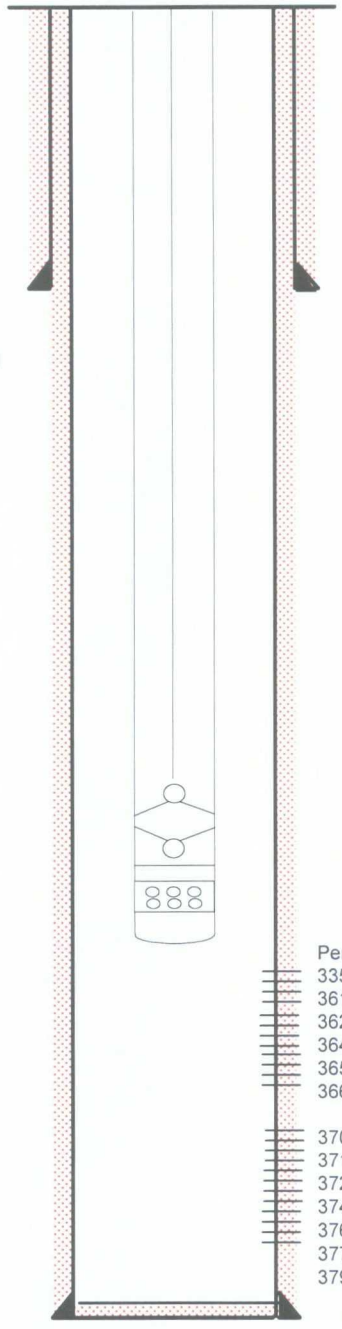
FORMATION: Grayburg

LOC: 530' FNL & 948 FWL
TOWNSHIP: 22-S
RANGE: 37-E

SEC: 18
UNIT: D
COUNTY: Lea, NM

GL: 3431'
KB to GL:13.5
DF to GL: 12.5

CURRENT STATUS: Producer
API NO: 30-025-31609



8-5/8" OD, 23#/ft, M-50 Set @ 1085' w/ 750 sx. Circ to Surf.

Tubing Detail:
1- 2 7/8" Tbg Sub
118 Jts 2 7/8", 6.5#, J-55 Tbg
1-KUDU 300 TP 1200 PMP
Landed @ 3732'

1- 1 ½" PR
2-1" x 8', 6' N-97 Pony Rods
147-1" N-97 Rods
12 – 1 ½" K-Bars
ROTOR

Perfs:
33595'-3604'
3612'-22'
3627'-36'
3641'-46'
3650'-60'
3662'-64

3705'-10'
3714'-17'
3721'-32'
3746'-50'
3760'-66'
3772'-87'
3795'3802'

5-1/2" OD, 15.5#/ft., K-55 csg Set @ 3809' w/ 1025 sx Cmt. Circ to Surf.

PBTD @ 3805'
TD @ 3813'

WELL DATA SHEET

FIELD: Arrowhead

WELL NAME: AGU No. 228 WIW

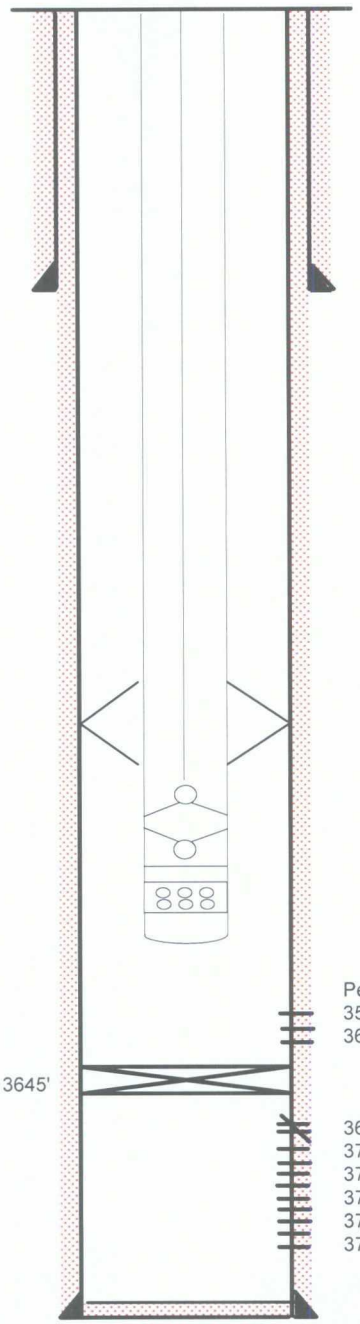
FORMATION: Grayburg

LOC: 2266' FNL & 1793' FWL
TOWNSHIP: 22-S
RANGE: 37-E

SEC: 18
UNIT: F
COUNTY: Lea, NM

GL: 3426'
KB:3431
DF: 3430'

CURRENT STATUS: Producer
API NO: 30-025-31246



8-5/8" OD, 23#/ft, M-50 Set @ 1160' w/ 720 sx. Circ to Surf.

Tubing Detail:
105 jt 2 7/8 J-55 Tbg
TAC @ 3295'
10 Jts 3 1/2" J-55 Tbg
1- 2 ¼" PMP Barrel

1- 1 ½" PR
4- 7/8" Pony Rods
132- 7/8" N-97 Rods
12 – 1 ½" K-Bars
1- Plunger
1- SV

Perfs:
3596'-3600'
3620'-24',

RPB @ 3645'

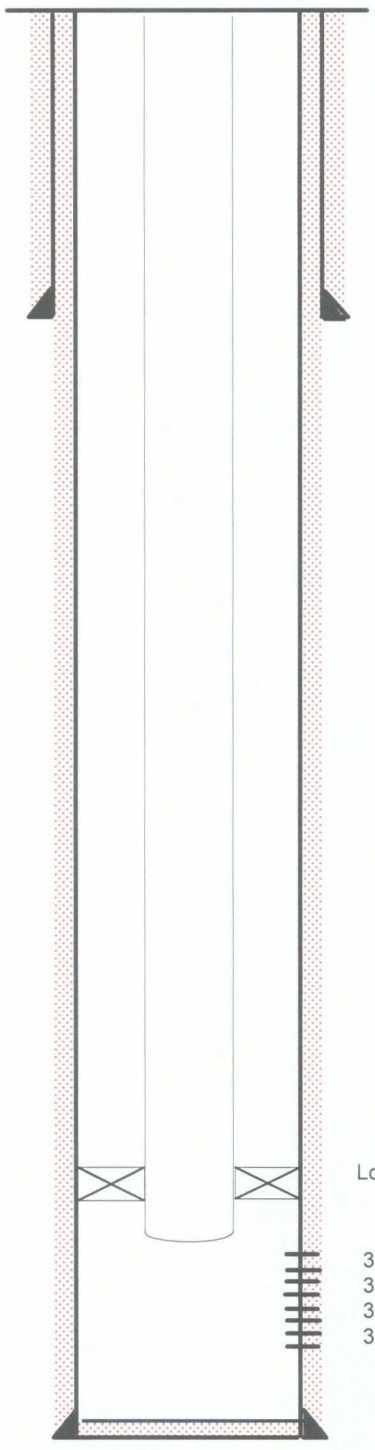
3666'-70' Sqz'd Perfs 3682'-86'
3700'-04',
3718'-22',
3734'-38'.
3746'-48,
3759'-63',

5-1/2" OD, 15.5#/ft., K-55 csg Set @ 3795' w/ 625 sx Cmt. Circ to Surf.

PBTD @ 3780'
TD @ 3795

AGU #229

GL: 3537'
KB:3545'
DF: 3544'



8-5/8" OD, 23#/ft, M-50 Set @ 1123' w/ 750 sx. Circ to Surf.

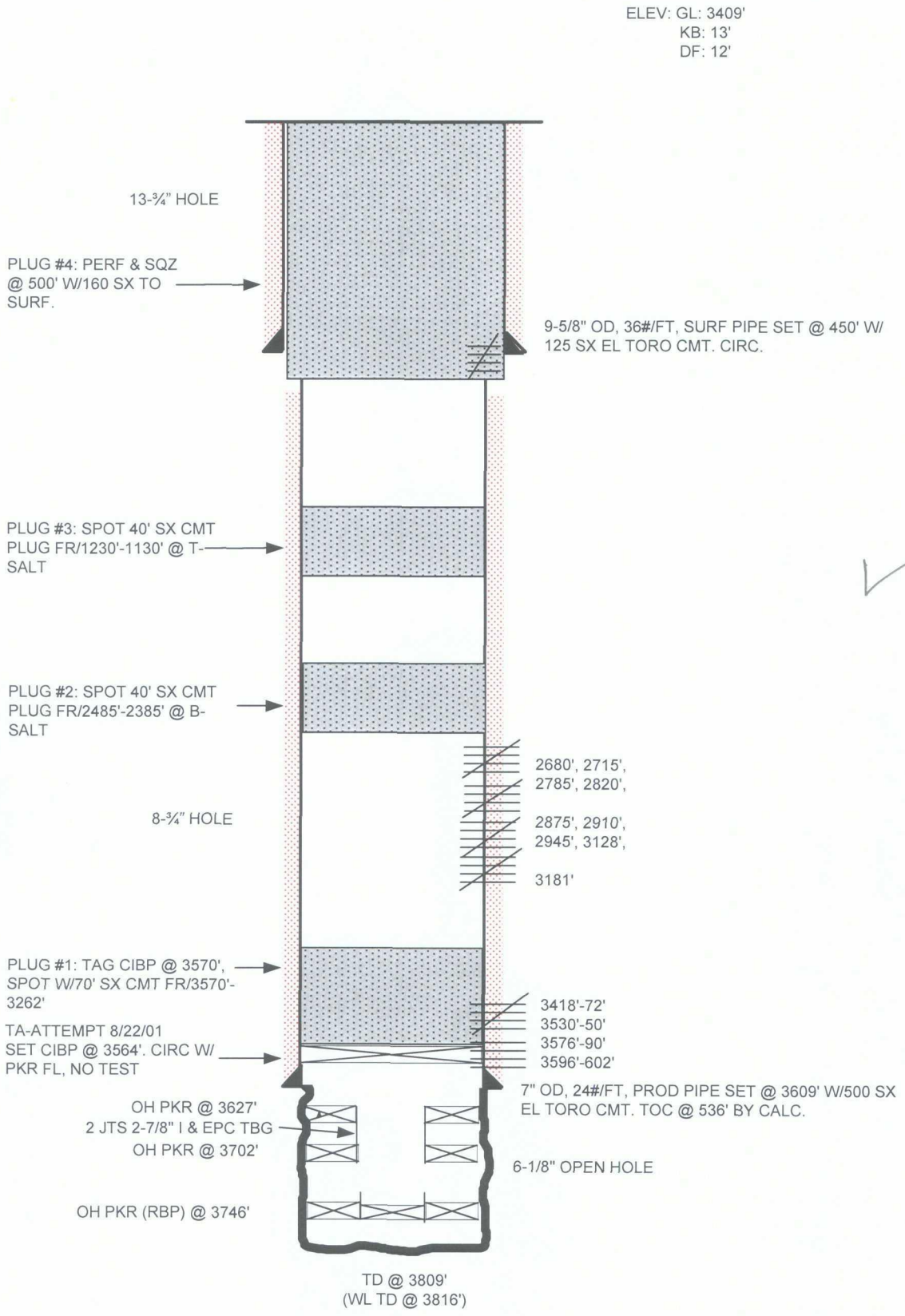
Tubing Detail:
119 jt 2 3/8, 4.7#, J-55 Tbg
5 ½" x 2 3/8" Elder Loc Set PKR Set @ 3637'

Loc Set @ 3637"

3667'-3720'
3729'-3768',
3718'-3722',
3784'-3810'

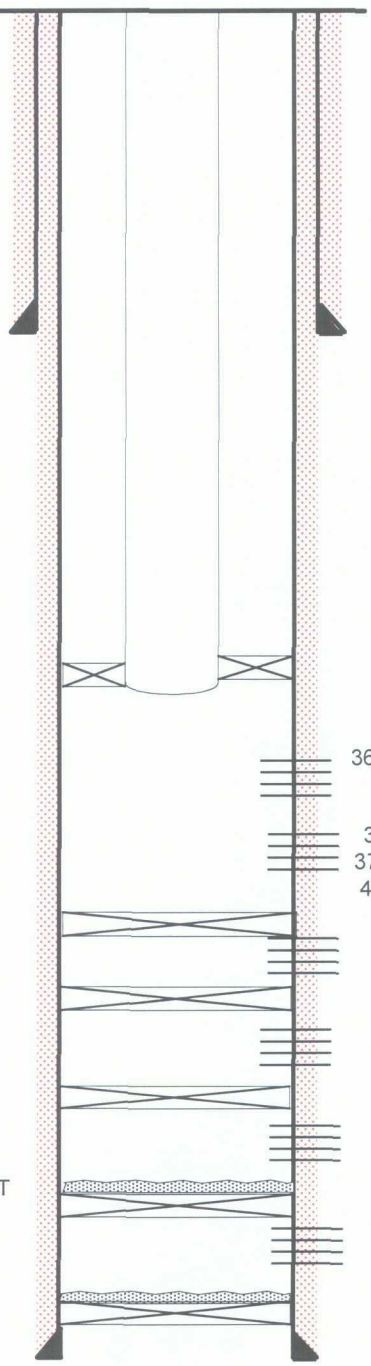
5-1/2" OD, 15.5#/ft., K-55 csg Set @ 3815' w/ 800 sx Cmt. Circ to Surf.

PBTD @
TD @ 3815'


ELEV: GL: 3409'
KB: 13'
DF: 12'
13-¾" HOLE
PLUG #4: PERF & SQZ @ 500' W/160 SX TO SURF.
9-5/8" OD, 36#/FT, SURF PIPE SET @ 450' W/ 125 SX EL TORO CMT. CIRC.
PLUG #3: SPOT 40' SX CMT PLUG FR/1230'-1130' @ T-SALT
PLUG #2: SPOT 40' SX CMT PLUG FR/2485'-2385' @ B-SALT
2680', 2715', 2785', 2820', 2875', 2910', 2945', 3128', 3181'
8-¾" HOLE
PLUG #1: TAG CIBP @ 3570', SPOT W/70' SX CMT FR/3570'-3262'
3418'-72'
3530'-50'
3576'-90'
3596'-602'
TA-ATTEMPT 8/22/01 SET CIBP @ 3564'. CIRC W/ PKR FL, NO TEST
7" OD, 24#/FT, PROD PIPE SET @ 3609' W/500 SX EL TORO CMT. TOC @ 536' BY CALC.
OH PKR @ 3627'
2 JTS 2-7/8" I & EPC TBG
OH PKR @ 3702'
6-1/8" OPEN HOLE
OH PKR (RBP) @ 3746'
TD @ 3809'
(WL TD @ 3816')

AGU 232

GL: 3426"



8 5/8" OD,24#, K-55, 8RD
ST&C Set @ 1178" w/ 525
SX. CIRC 90 SX

Tubing Detail:
116 jt 2 3/8, 4.7#, J-55
Duoline Inj Tbg
5 ½" Sur Loc Inj PKR w/ On/off
Toll w/ 1.43" "F" PN
Landed @ 3562'

PERFS:
3602'-09', 20'-29', 40'-44', 68'-84'

3696'-3701', 3713'-23', 32'-46', 3756'-60 3768'-70'

CIBP @ 3772'

3778'-84'

CIBP @ 3795'

3802'-08', 14'-22', 28'-30'

CIBP @ 3837'

PERFS:
3844'-3860'

CIBP @ 6450 W/ CMT ON TOP

DRINKARD PERFS:
6520'-6613'

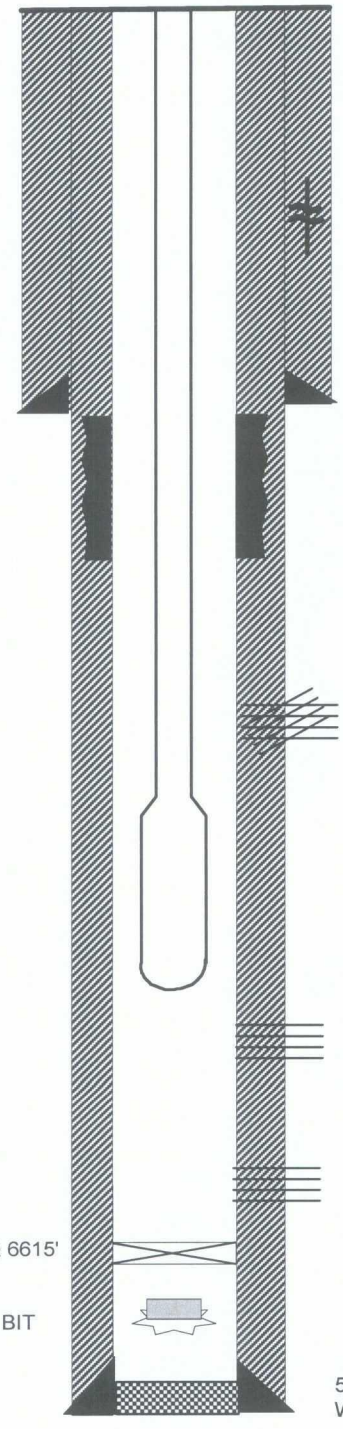
CIBP @ 6630 W/ CMT ON TOP

5-1/2" OD, 17# &14#, K-55 CSG SET @ 6762' w/ 4585 SX CMT

PBTD: 3772'
TD @ 6763'

AGU 233

ELEV: GL: 3423'
KB TO GL: 10.4'
DF TO GL:



SQZ CSG LK FR/1,819' TO 1,852' W/350 SX CL C

12-¼" HOLE

8-5/8" 24# K-55 CSG. SET @ 1118" W/550 SX CMT. CIRC.

06/25/09: 167 JTS 2-7/8", 6.5#, J-55, EUE, 8RD TBG & 5560' # 4 FLAT CABLE, 2-7/8" SN, 2-7/8" X 4' TBG SUB, TD 460 211 STG PMP SN# 2F9C25297M, INTAKE/GAS SEP 3B RGS-LT-ESP SN# 4D6L20765MM, SEAL ASSEMBLY TR4-STD-LT SN# 3F7G50069M, 50 HP 1210V, 27 AMPS MTR SN# 1F7G33802P, 2-3/8", X 2-7/8" X-OVER, 5-½" CAVIN DESANDER, 2 – JTS 2-7/8" J-55 TBG, 2-7/8" BP, SENOR BASE. SN @ 5355'. LANDED @ 5513'.

PENROSE PERFS 3409-3567'
20 HOLES, 1 JHPF. SQZ W/500 SX CL C (3/3/06)

7-7/8" HOLE

BLINEBRY:
5532'-38' (6', 6 HOLES)
5502'-06' (4', 4 HOLES)
5476'-84' (8', 8 HOLES)
5432'-40' (8', 8 HOLES)
NET 30', 30 SHOTS OF 1 JSPF @ 180 DEGREE PHASING

PERFS @ 6413'-6602'

CIBP @ 6615'

BIT

5-½" CSG 15.5# K-55. SET @ 6710' W/1977 SX CMT 2 STGS. CIRC.

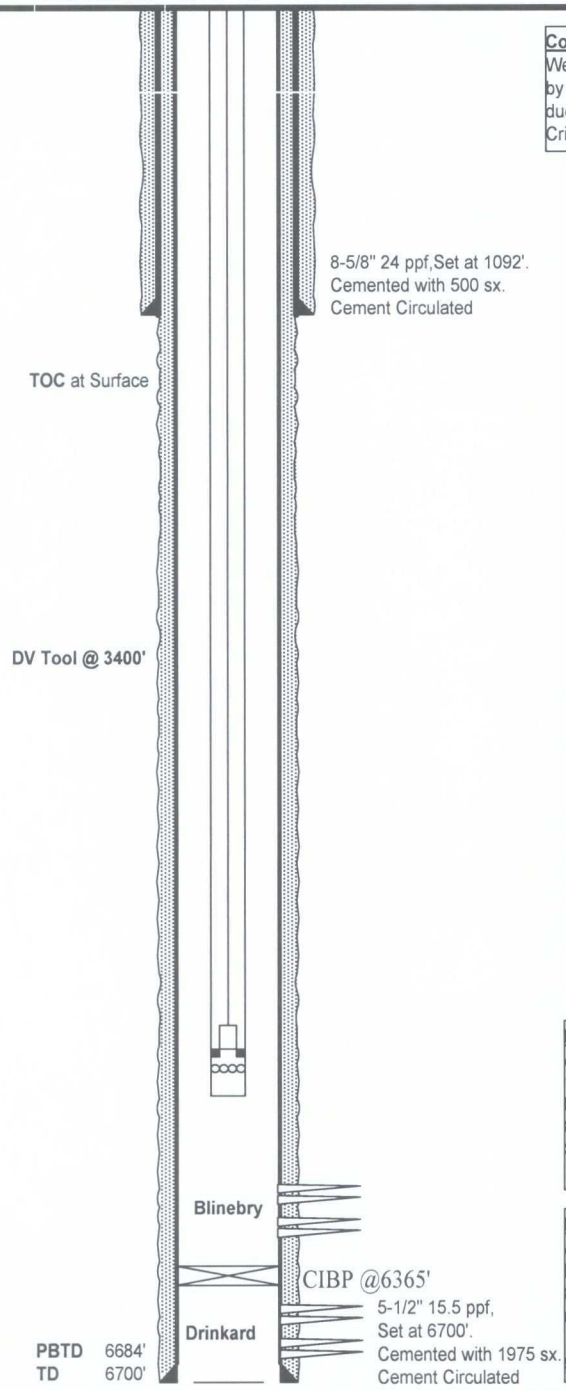
PBTD: TAG @ 6680' (6/23/09)
TD: 6710'

CHRISTMAS C10

XTO ENERGY

Well:	A L Christmas NCT-C #11	**WI:**	100%
Area:	Eumont	**NRI:**	87.3884%
Location:	Section 18–22S–37E	**Spud:**	8/10/1953
County:	Lea	**State:**	New Mexico
Elevation:	3726' DF		

Comment:
Well was making 2 BO/7 BW/15 MCFPD when it was recommended by Chevron to P&A the well as it did not pass the NMOCD MIT test due to low pressure flow out of the surface casing.
Critical date is August 30. 2005. Last of 90 day extension



PRODUCTION TUBING: 8/24/05

2-7/8" MAJ, 2-7/8" API SN, 2-7/8" IPC TBG (TK-70), 183 JTS 2-7/8", 6.5#, J-55, EUE, 8RD TBG, 2-7/8" X 5-1/2" TAC. SN @ 5802'. TAC @ 5142'. EOT @ 5830'.

PUMP & RODS:

2.5" X 1.5" X RHBC X 20' X 4' PMP

1 - 3/4" X 2' PONY ROD

133 - 3/4" N-90 SUCKER RODS

98 - 7/8" N-90 SUCKER RODS

1 - 8' PONY ROD

1- 1-1/4" X 26' PR

Zones and Depths	
Top Salt:	1160'
Bottom Salt:	2440'
Yates:	2606'
Seven Rivers:	2850'
Queen:	3330'
Grayburg:	3600'
San Andres:	3870'
Glorieta:	5073
Blinebry:	5393'
Tubb:	6092'
Drinkard:	6406'

Blinebry 5422-5760 (1 JSPF)
Acid (4/27/93): 3750 gals 15% NEFE Acid. Frac: 36,000 gals gel/ 100,800# Sand.
Resulting IP: 43 BO/246 BW/149 MCFPD
8/30/79: Frac well with 1125 bbls of gel, 87,500# Sand, 650# Rock Salt.
IP 19 BO/14 BW/ 169 MCFPD Prior: 1 BO/1 BW/44 MCF.

Drinkard 6412-14, 6464-66, 6513-15, 6558-80 & 6608-10 (2 JSPF)
Acid (8/23/77): 2500 gals 15% NEFE Acid. Max Press: 4400 psi.
Resulting IP: 4 BO/14 BW/8,775 MCFPD Flowing on 17/64
8/30/79: Frac well with 45,000 gals of gel, 22,500# 100 mesh sand, 65,000# 12/20 Sand.
IP 19 BO/14 BW/ 169 MCFPD Prior: 1 BO/1 BW/44 MCF.
9/8/80: Acidize with 1000 gal 15% NEFE. No increase.

PREPARED BY: Delma Callier DATE: 4/17/06

CHRISTMAS, A. L. C-13

ELEV: GL: 3413'
KB: 10.4'

8-5/8" 24 PPF,SET AT 1107'.
CEMENTED WITH 500 SX.
CEMENT CIRCULATED

07/07/09: 1-½" X 26' SMPR, 1" X 2' D-90 SUB, 79 - 1" D-90 RODS (07), 155 – 7/8" D-90 RODS (07), 12-1-½" K BARS, 7/8" STBL SUZ, 2.5" X 1.5" X 24' X 4' RXBC WILSON QH-799 W/ 1-¼" GA.

08-20-08: 169 JTS 2-7/8", 6.5#, J-55, EUE, 8RD TBG,,1 – 2-7/8" X 5-½" TAC, 1 JT 2-7/8", 6.5#, J-55, EUE, 8RD TBG,1 JT 2 7/8", 6.5#, J-55, EUE 8RD IPC TBG (TK-70),1 – 2-7/8" API SN, 1 – 2 7/8" OEMA,. TAC @ 5362'. SN @ 6209'. LANDED @ 6241.81'

DV Tool @ 2896'

BLINEBRY PERFS W/ 1 JSPF: 5423'-31',5472'-80', 5528'-36', (24 HOLES) 1/25/07

CHEM SQZ PERFS 5423' - 6202' (05-15-08)

TUBB PERFS W/ 1 JSPF: 6194'-6202', 6168'-76', 6136'-40' (20 HOLES) 11/14/06

CIBP @ 6375'

DRINKARD 6455'-57', 6502'-04', 6528'-30', 6551'-53', 6573'-75', (2 SPF)
ACID (9/17/77): 4000 GALS 15% NE ACID. RESULTING IP: 130 BO/20 BW/? MCFPD FLOWING ON 24/64 10/17/80: ATTEMPT FRAC WELL WITH 11,500 GALS OF GEL, 13,000# 10/20 SCREENED OUT. REFRAC WITH 3,000 GALS 15% NEFE ACID, 21,050 XL GEL, 27,500# 20/40 SAND
IP 11 BO/23 BW/ 72 MCFPD PRIOR: 17 BO/1 BW/139 MCF.

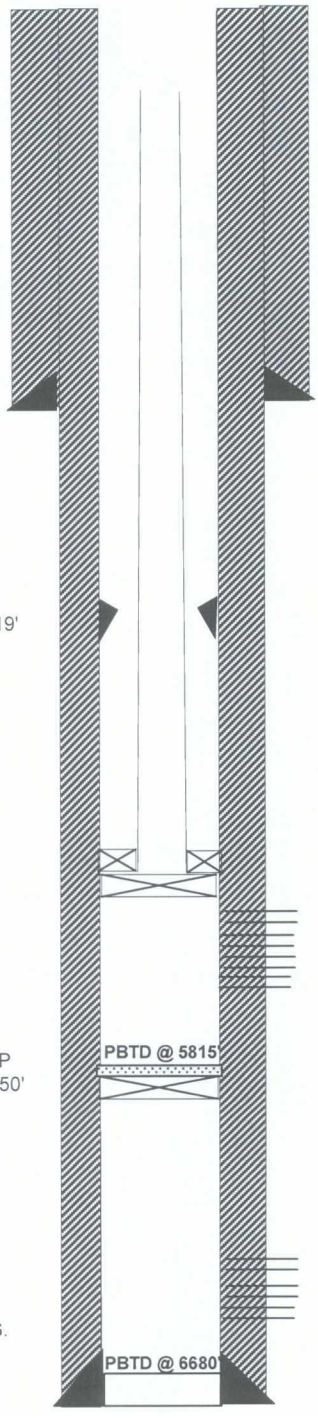
NEW PERFS 6608' - 6623'
PERFS DRINKARD 6608' - 6668' W/2JSPF, 58 HOLES. (11/16/05).

Drinkard

5-1/2" 15.5 PPF SET @ 6700'. CMT'D W/2025 SX. CIRC.

PBTD 6375'
TD 6700'

CHRISTMAS, A. L. C-14



ELEV: GL: 3433'
KB : 3450'
DF:

8 5/8" 24# K-55 CSG. SET @ 1177'
W/500 SX CMT. CIRC. TOC @
SURF. TOC BY: CIRC 35 SX CMT.

TBG DETAIL 8/28/92:
171 JTS 2 3/8" 4.7# J-55 TBG
BAKER LOK-SET PKR @ 5334'

DV TOOL @ 3319'

PMP & ROD DETAIL: 2/2/06

1.25" X 12' GA, 2.5" X 2.0" X RHBC X 4' PMP, 1 - 7/8" X 3' STABILIZER ROD, 4 - 1-1/2" K-BARS, 51 - 3/4" D-78 SUCKER RODS, 80 - 7/8" D-78 SUCKER RODS, 87 - 1" D-78 SUCKER RODS, 3 - 1" PONY RODS, (8', 4', & 2') & 1-1/2" X 22' SM PR.

CIBP @ 5350'

BLINEBRY PERFS:
5474-92'
5514-22'
5532-38'
5570-78'
5584-92'
5606-12'
5624-26'
5638-40'

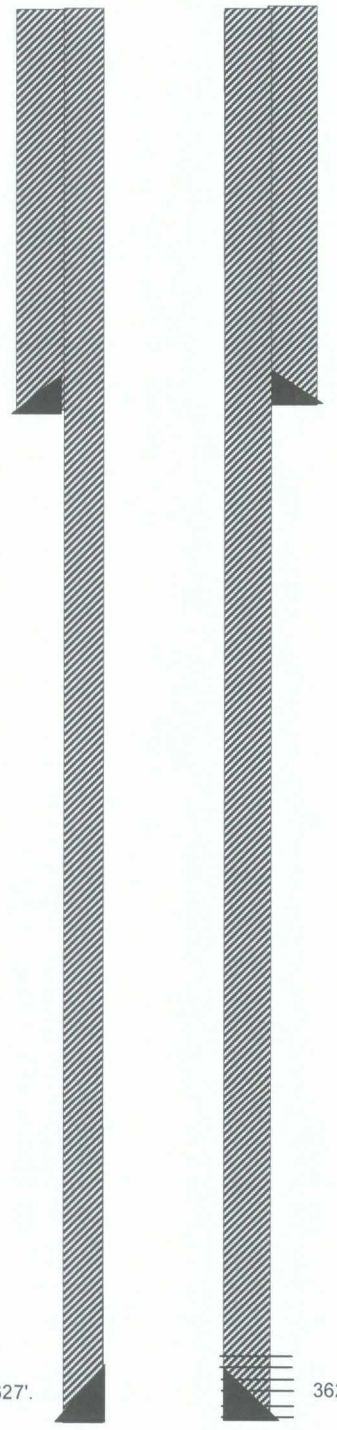
35' CMT ON TOP
CIBP SET @ 5850'

DRINKARD PERFS:
6485-87'
6515-17'
6560-62'
6597-99'

5 ½" 15.5# & 17# K-55 CSG.
SET @ 6700" W/2100 SX
CMT. CIRC W/180 SX.

TD: 6700'
PBTD: 5815'

CHRISTMAS C-2



ELEV: KB : 3429'

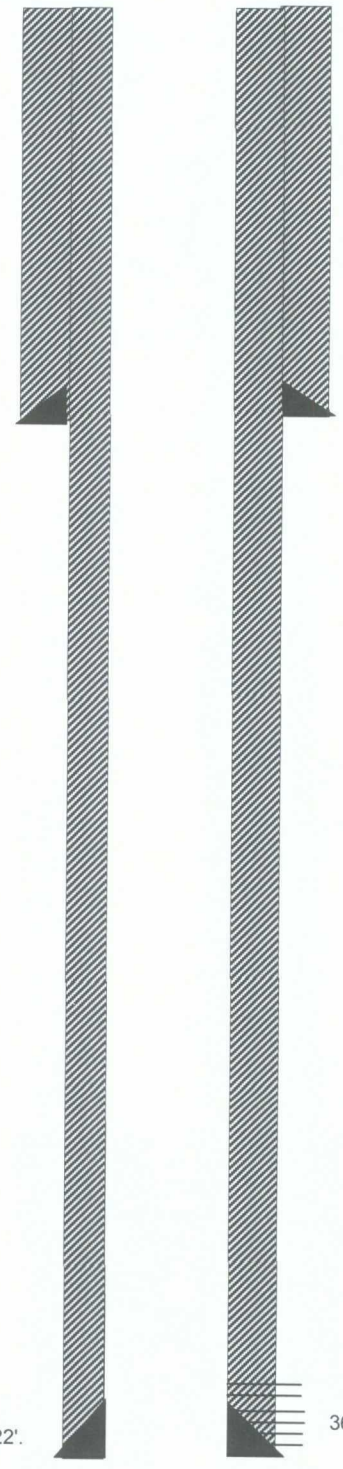
9-5/8" CSG SET @ 298'. CMT'D W/ 200SX.

5-½" CSG SET @ 3627'. CMT'D W/200SX

3627'-3730'

TD: 3730'

CHRISTMAS C-3



ELEV: KB : 3421'

9-5/8" CSG SET @ 315'. CMT'D W/ 175SX

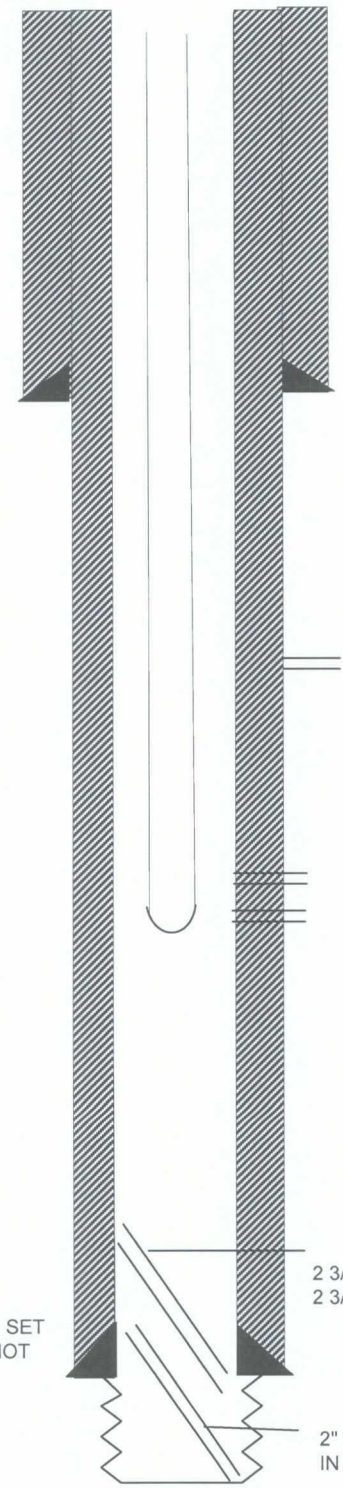
5-½" CSG SET @ 3622'. CMT'D W/300SX

3622'-3720'

TD: 3720'

CHRISTMAS, A. L. C-7

ELEV: GL: 3413'
KB TO GL:
DF TO GL:



9 5/8" OD SURF PIPE SET @ 277'
W/180 SX CMT. CIRC?

2 3/8" OD 4.70# EUE 8RD J-55
TBG. BULLPLUG ON BTM. 3'
PERF NIP.2 3/8" STANDARD SN
SET @ 3551'

PERFS @ 3436-3484'
3504-3516'

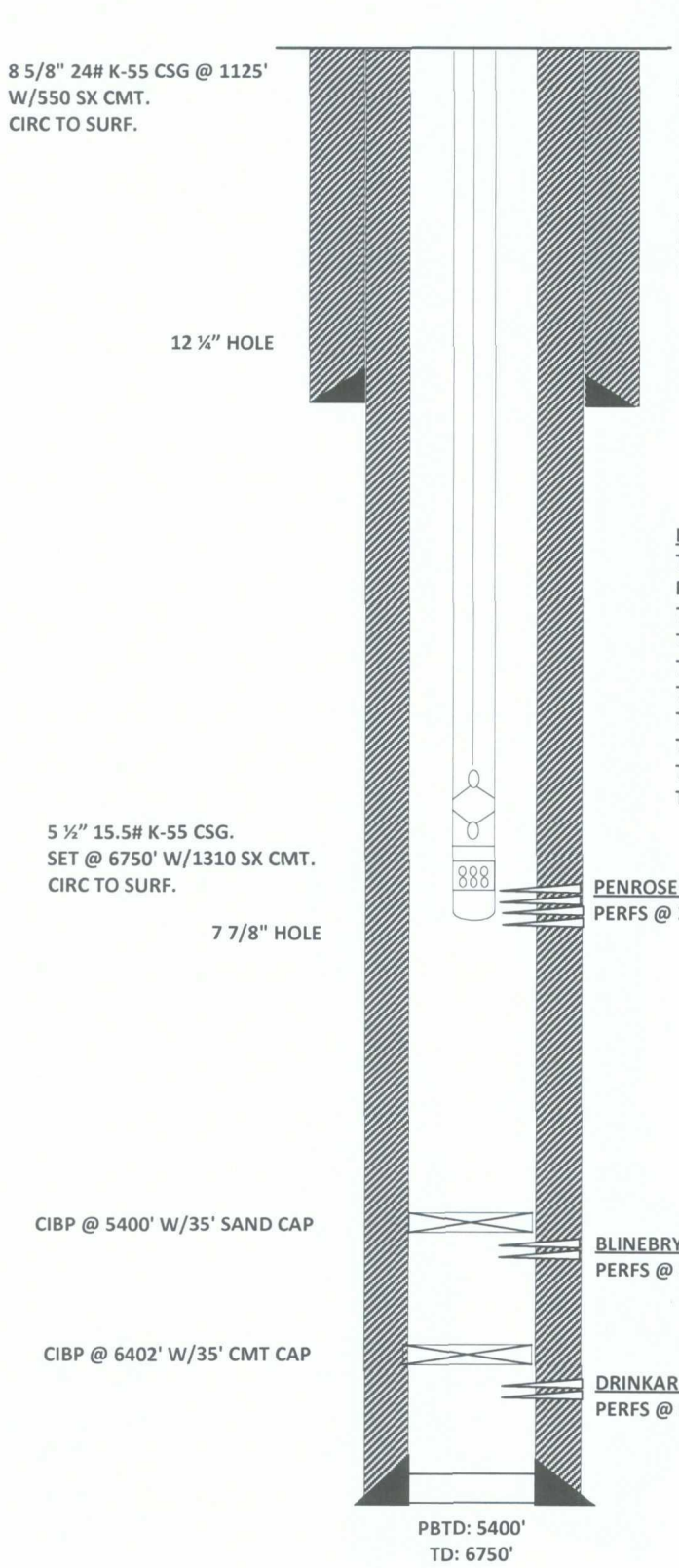
2 3/8" SUB, MODEL C RECEPTACLE, 20'
2 3/8" OD J-55 TBG TOP @ 3574'

5 ½" OD 8 THD, GR H 14# CSG SET
@ 3624' W/150 SX CMT. DID NOT
CIRC. TOC @ 2390' BY TS.

2" X 1 ¼" X 10' X 12' #D-238 PMP LEFT
IN HOLE @ 3770'.

TD: 3700'

CHRISTMAS, A. L. C-9



Rod Detail:
1 ¼" x 26' PR
1 - 2' x ¾" D-78 Sub
139 – ¾" D-78 Rods
4' x ¾" Stabilizer Sub
4' Pmp (Wilson pmp#EU-131)
2.0 – 1.5 – RXBC - 24'
1 ½" x 8' GA

Tubing Detail:
112 – 2 3/8", 4.7#, J-55, EUE, 8rd Tbg
1 – 2 3/8" SN @ 3525'
1 – 2 3/8" OEMA
Landed @ 3559.65'

FORMATION TOPS:

T/SALT	1174'
B/SALT	2434'
T/YATES	2606'
T/7RIVERS	2850'
T/QUEEN	3325'
T/GRAYBURG	3608'
T/SAN ANDRES	3876'
T/GLORIETA	5078'
T/BLINEBRY	5404'
T/TUBB	6103'

PENROSE ZONE:
PERFS @ 3430-3566'

BLINEBRY ZONE:
PERFS @ 5447-5769'

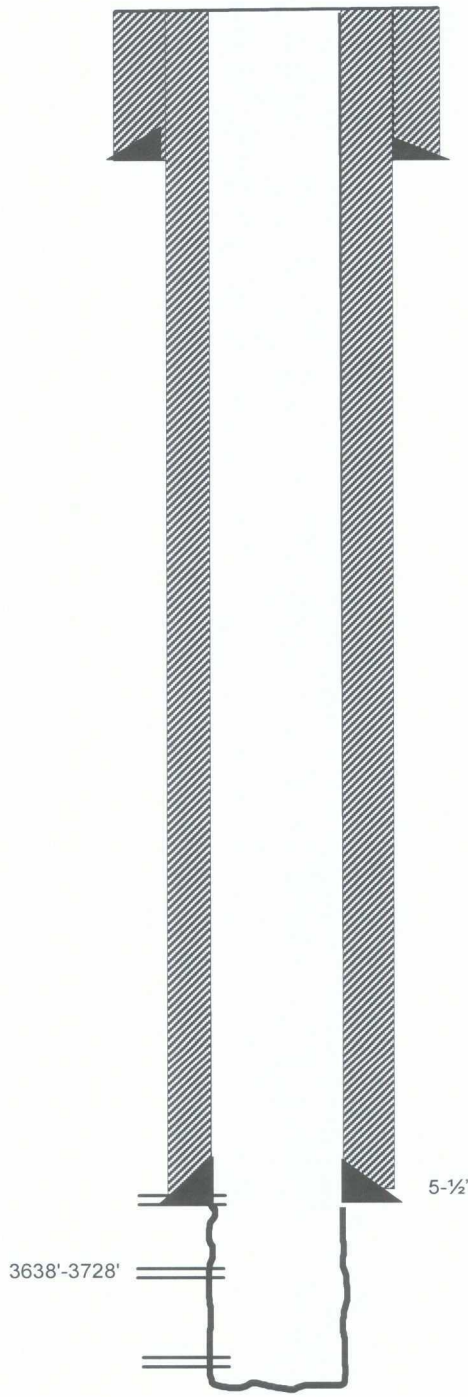
DRINKARD ZONE:
PERFS @ 6437-6591'

CROSBY #1


8-5/8" CSG SET @ 312', CMT'D W/ 150 SX.
5-½" CSG SET @ 3638'. CMT'D W/360 SX.
3638'-3735'
TD: 3735'

CROSBY #2

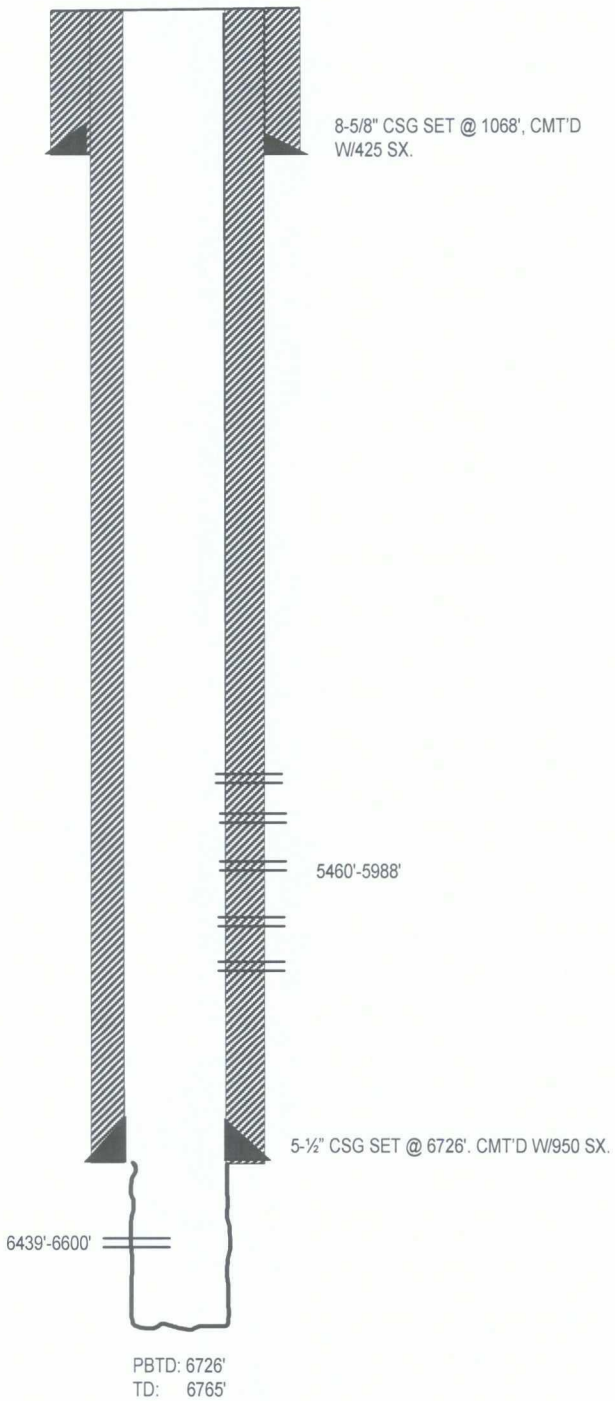
ELEV: KB: 3428'



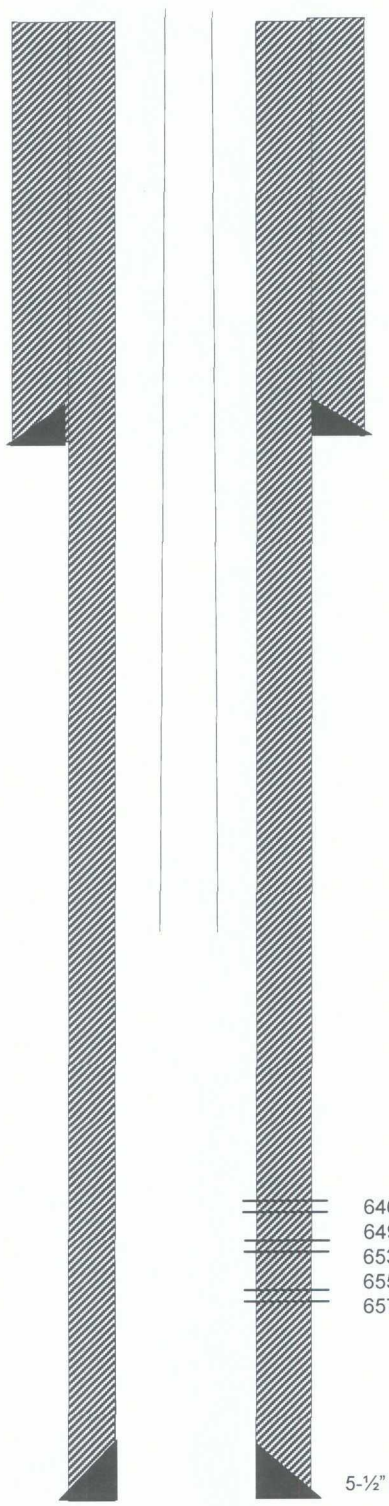
TD: 3728'

DECK FEDERAL #1

ELEV: GL: 3415'
KB: 3427'



DECK FEDERAL #2 SWD



ELEV : GL : 3424'
KB : 3435'

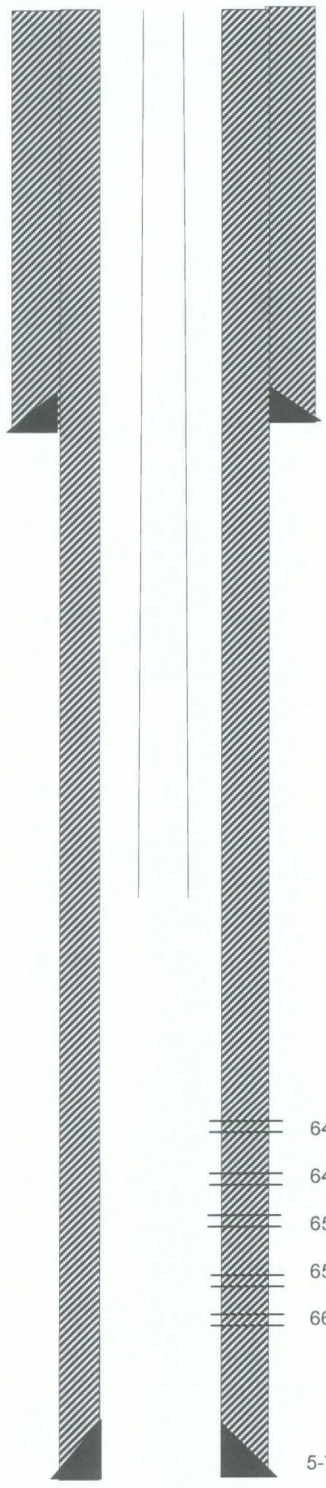
8-5/8" CSG SET @ 1092'. CMT'D W/ 570 SX.

6466'-6468'
6492'-6494'
6530'-6532'
6557'-6559'
6574'-6576'

5-½" CSG SET @ 6761'. CMT'D W/780 SX.

PBTD : 6717"
TD : 6761"

LITTLE, V. # 1



ELEV: GL: 3436'
KB : 3447'

8-5/8" CSG SET @ 1145. CMT'D W/575 SX.

6471'-6473'

6484'-6486'

6551'-6553'

6586'-6588'

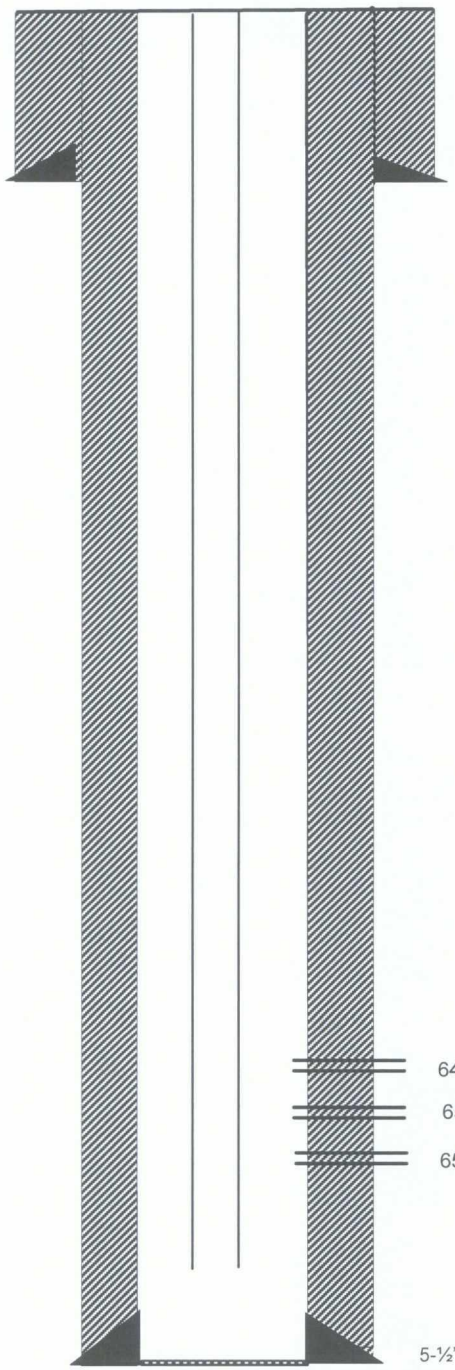
6605'-6607'

5-½" CSG SET @ 6752'. CMT'D W/1750 SX

TD: 6752'

LITTLE, V. #3

ELEV: GL: 3425'
KB: 3436'



8-5/8" CSG SET @ 1060'. CMT'D W/540 SX.

6473 '- 6515 '

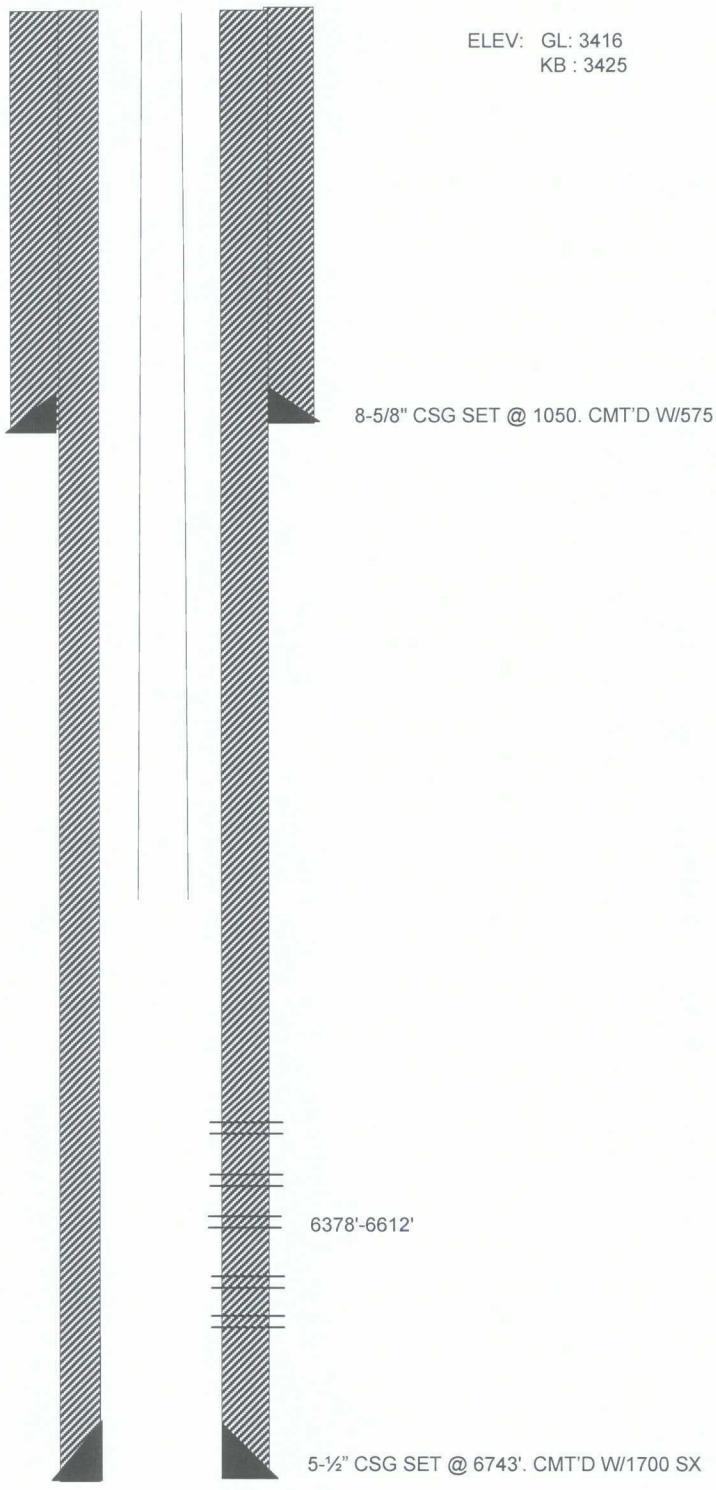
6531 '- 6574 '

6590 '- 6653 '

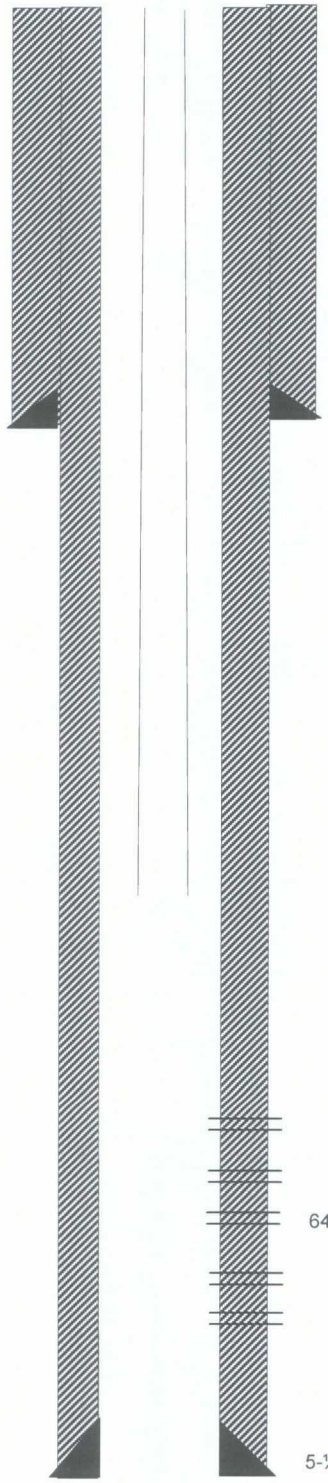
5-½" CSG SET @ 6750'. CMT'D W/1725 SX.

PBTD: 6724'
TD : 6750 '

LITTLE, V. # 4


ELEV: GL: 3416
KB : 3425
8-5/8" CSG SET @ 1050. CMT'D W/575 SX.
6378'-6612'
5-½" CSG SET @ 6743'. CMT'D W/1700 SX
PBTD: 6633'
TD: 6756'

MATTERN #2



ELEV: GL: 3415'
KB : 3426'

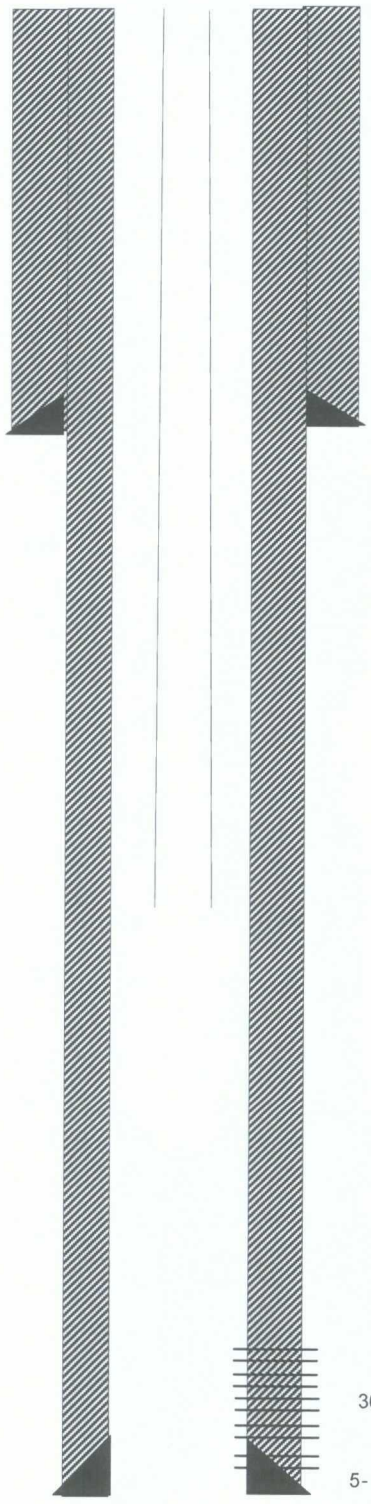
8-5/8" CSG SET @ 1030. CMT'D W/525 SX.

6476'-6604'

5-½" CSG SET @ 6750'. CMT'D W/2380 SX

PBTD: 6709'
TD: 6753'

MATTERN #7 (3)



ELEV : KB : 3438'

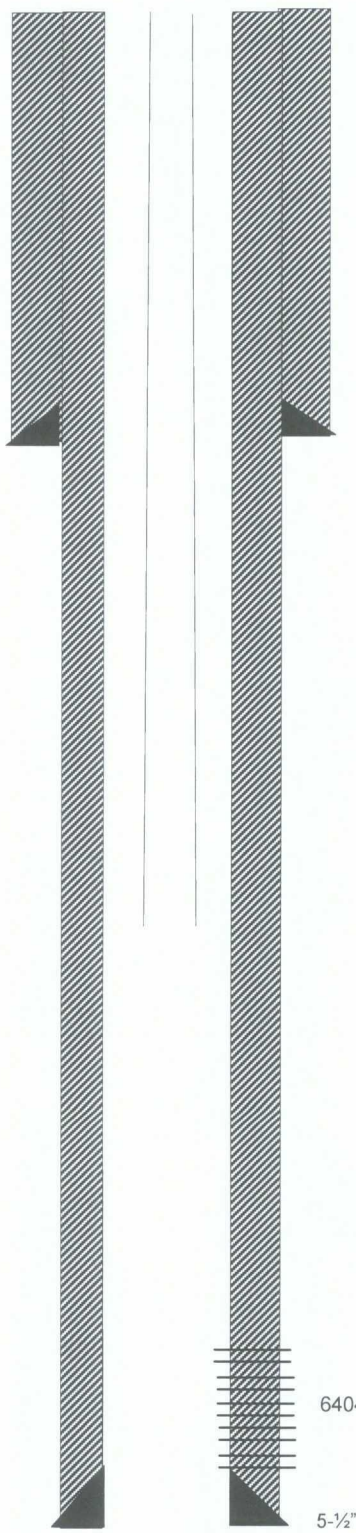
8-5/8" CSG SET @ 320 . CMT'D W / 125 SX.

3640'- 3735'

5- ½" CSG SET @ 3640'. CMT'D W / 350 SX

TD : 3735'

NEW MEXICO M STATE #48



ELEV : KB : 3416'

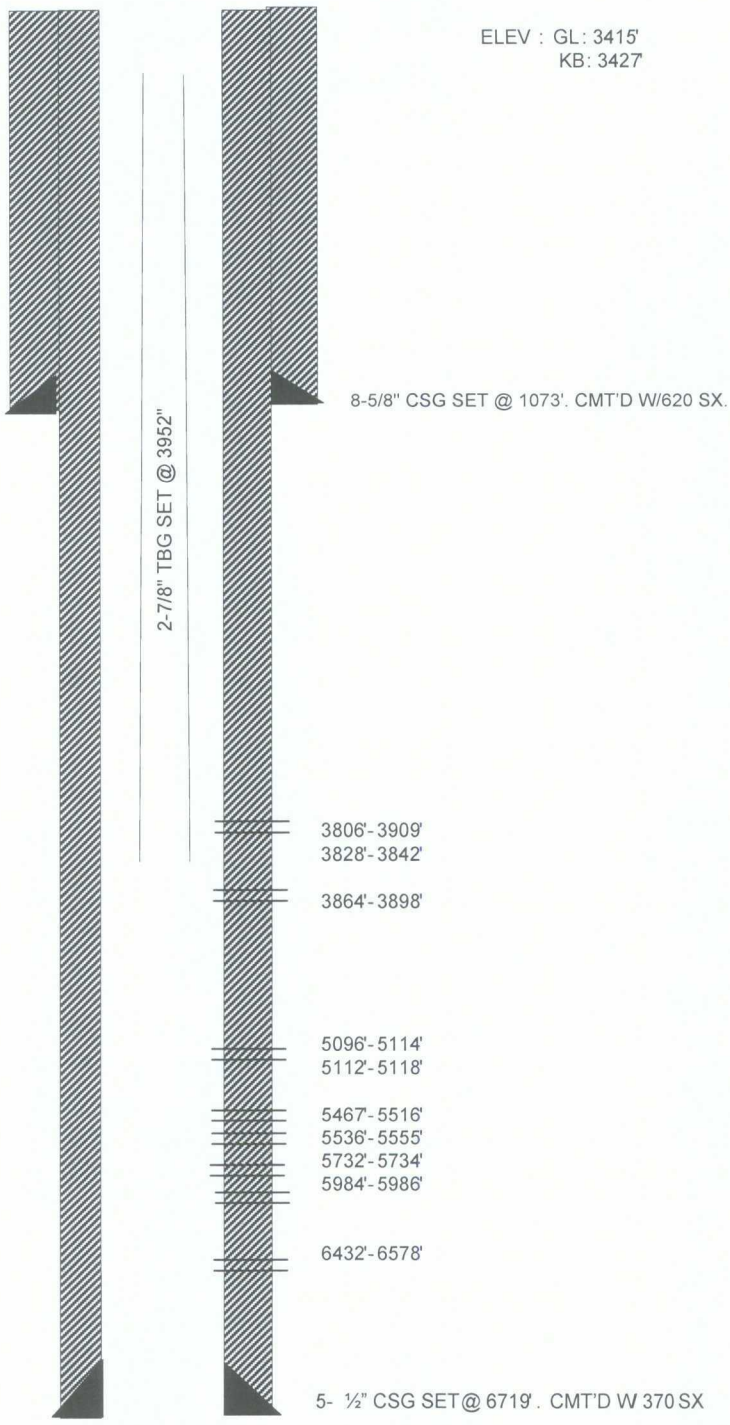
8-5/8" CSG SET @ 1072'. CMT'D W 620 SX.

6404'-6560'

5-½" CSG SET @ 6721'. CMT'D W/1565 SX.

PBTD: 6675'
TD: 6730'

NEW MEXICO M STATE# 49

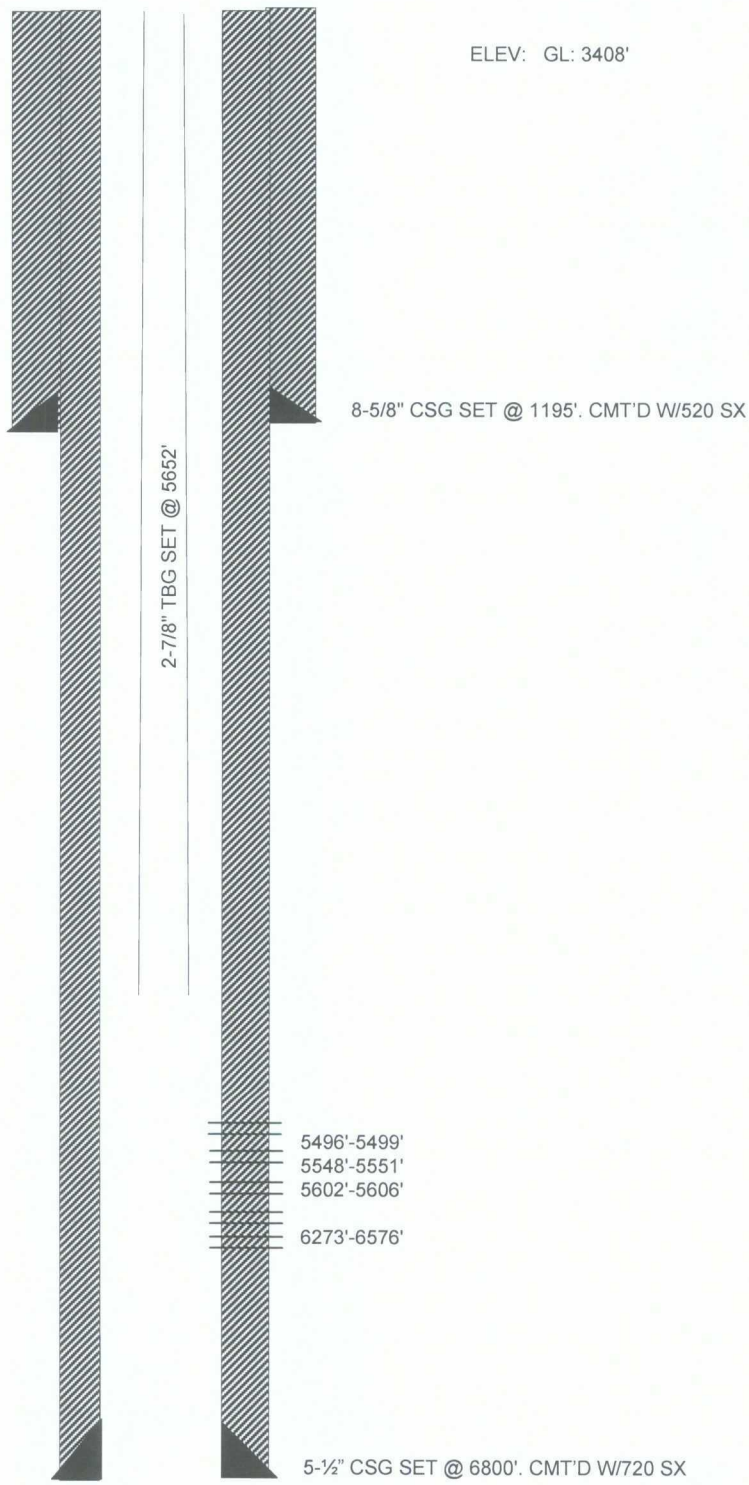


NEW MEXICO M STATE #50

ELEV : GL : 3405'

PBTD : 6390'
TD : 6721'

NEW MEXICO M STATE #52



AGU# 217

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

December 2, 2009

Jerry Mutschler
Mutlichem
1100 NW Ave. F
Seminole, TX 79360

Re: AGU Windmill

Enclosed are the results of analyses for sample number H18754, received by the laboratory on 11/18/09 at 12:15 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 4 (includes Chain of Custody)

Sincerely,

Celey D. Keene
Laboratory Director

This report conforms with NELAP requirements.

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
MULTICHEM
ATTN: JERRY MUTSCHLER
1100 NW AVE F
SEMINOLE, TX 79360

Receiving Date: 11/18/09
Reporting Date: 12/01/09
Project Number: NOT GIVEN
Project Name: XTO
Project Location: AGU WINDMILL

Sampling Date: 11/18/09
Sample Type: WATER
Sample Condition: INTACT @ 8°C
Sample Received By: ML
Analyzed By: HM

LAB NUMBER SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (u S/cm)	T-Alkalinity ($mgCaCO_3/L$)
ANALYSIS DATE:	12/01/09	12/01/09	12/01/09	12/01/09	11/25/09	11/25/09
H18754-1 AGU WINDMILL	344	112	72.9	7.1	2,330	204
Quality Control	NR	48.1	51.5	2.85	1,423	NR
True Value QC	NR	50.0	50.0	3.00	1,413	NR
% Recovery	NR	96.2	103	95.0	101	NR
Relative Percent Difference	NR	3.3	< 0.1	5.5	0.6	NR

METHODS:		SM3500-Ca-D	3500-Mg E	8049	120.1	310.1

	Cl (mg/L)	SO_4 (mg/L)	CO_3 (mg/L)	HCO_3 (mg/L)	pH (s.u.)	TDS (mg/L)
ANALYSIS DATE:	11/30/09	12/01/09	11/25/09	11/25/09	11/25/09	12/01/09
H18754-1 AGU WINDMILL	640	231	32	172	8.34	1,530
Quality Control	500	39.5	NR	988	7.01	NR
True Value QC	500	40.0	NR	1000	7.00	NR
% Recovery	100	98.9	NR	98.8	100	NR
Relative Percent Difference	< 0.1	3.3	NR	3.7	0.3	NR

METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1	Calculation

* Note: Insufficient sample to analyze for TDS and sulfide.

Chemist

12/02/09
Date

H18754 Multichem

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
MULTICHEM
ATTN: JERRY MUTSCHLER
1100 NW AVE F
SEMINOLE, TX 79360

Receiving Date: 11/18/09
Reporting Date: 12/02/09
Project Number: NOT GIVEN
Project Name: XTO
Project Location: AGU WINDMILL

Sampling Date: 11/18/09
Sample Type: WATER
Sample Condition: INTACT @ 8°C
Sample Received By: ML
Analyzed By: JM

TOTAL RCRA METALS

LAB NO.	SAMPLE ID	Ba (mg/L)
ANALYSIS DATE:		12/02/09
H18754-1	AGU WINDMILL	0.02
Quality Control		2.41
True Value QC		2.50
% Recovery		96.4
Relative Standard Deviation		0.7

METHODS: EPA 600/4-91/010,3010	200.7

Analysis subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.

Chemist

12/02/09
Date

H18754RM MULTICHEM

CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(575) 393-2326 Fax (575) 393-2476

Page____ of ____

Company Name:	MULTICHEM
Project Manager:	MUTSCHLER
Address:	1100 NW AVE E.
City:	SEMINOLE State: TX Zip: 79360
Phone #:	806-215-8337 Fax #:
Project #:	Project Owner:
Project Name:	XTO
Project Location:	AGU WINDMILL
Sampler Name:	ARMSTRONG

BILL TO

P.O. #:	
Company:	
Attn:	
Address:	
City:	
State:	Zip:
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Cations (no TDS)	Barium	H2S scan
H18754-1		G	1	✓									11/18/09	10:00a	X	X	X

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Sampler Relinquished:	Date: 12:15	Received By:	
Relinquished By:	Time: 11-18-09	Received By:	
Delivered By: (Circle One)	Temp.	Sample Condition: Cool ☐ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials) MCAB
Sampler - UPS - Bus - Other:			

Phone Result: ☐ No Add'l Phone #:
Fax Result: ☐ No Add'l Fax #:
REMARKS: jerry_mutschler@multichem.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

Water Analysis Report

8/12/2009

Address:

Customer: XTO Energy, Inc.
Attention: David Paschal

Lease: AGU
Formation:
Salesman: Mike Baker

Target Name: AGU 199

Sample Point: AGU 199

Sample Date: 08/22/2007 **Test Date:** 08/29/2007

Water Analysis(mg/L)

Calcium	176
Magnesium	63
Barium	
Strontium	
Sodium(calc.)	4353
Bicarbonate Alkalinity	
Sulfate	593
Chloride	6770
Resistivity	

Appended Data(mg/L)

CO2	
H2S	
Iron	0
Oxygen	

Physical Properties

Ionic Strength(calc.)	0.22
pH(calc.)	
Temperature(°F)	90
Pressure(psia)	50
Density	

Additional Data

Specific Gravity	
Total Dissolved Solids(Mg/L)	
Total Hardness(CaCO3 Eq Mg/	698

Dew Point	
Lead	
Zinc	

Calcite Calculation Information

Calculation Method	Value
CO2 in Brine(mg/L)	

Remarks: Windmill

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)		
Gypsum (Calcium Sulfate)	-1.53	
Hemihydrate (Calcium Sulfate)	-1.39	
Anhydrite (Calcium Sulfate)	-1.78	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Lab Tech.:

19726-11

Water Analysis Report

9/25/2007

Champion Technologies

Address:

Customer: XTO Energy, Inc.
Attention: David Paschal
CC:

Lease: AGU
Formation:
Salesman: Mike Baker

Target Name: AGU Windmill
Sample Point: AGU Windmill

Sample Date: 09/14/2007 **Test Date:** 09/24/2007

Water Analysis(mg/L)

Calcium	176
Magnesium	107
Barium	
Strontium	
Sodium(calc.)	219
Bicarbonate Alkalinity	
Sulfate	301
Chloride	739
Resistivity	

Appended Data(mg/L)

CO2	
H2S	
Iron	0
Oxygen	

Physical Properties

Ionic Strength(calc.)	0.04
pH(calc.)	
Temperature(°F)	90
Pressure(psia)	50
Density	

Additional Data

Specific Gravity	
Total Dissolved Solids(Mg/L)	
Total Hardness(CaCO3 Eq Mg/	879

Dew Point	
Lead	
Zinc	

Calcite Calculation Information

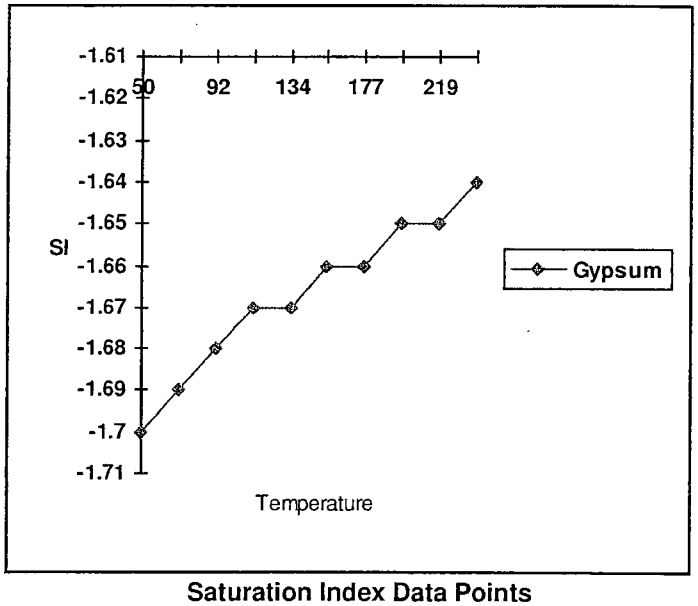
Calculation Method	Value
Mole Percent CO2	

Remarks:

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)		
Gypsum (Calcium Sulfate)	-1.68	
Hemihydrate (Calcium Sulfate)	-1.45	
Anhydrite (Calcium Sulfate)	-1.93	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Saturation Indices



Saturation Index Data Points

	50	71	92	113	134	156	177	198	219	240
Gypsum	-1.70	-1.69	-1.68	-1.67	-1.67	-1.66	-1.66	-1.65	-1.65	-1.64

Lab Tech.:

Water Analysis Report

9/25/2007

Champion Technologies

Address:

Customer: XTO Energy, Inc.
Attention: David Paschal
CC:

Lease: AGU
Formation:
Salesman: Mike Baker

Target Name: AGU Windmill
Sample Point: AGU Windmill

Sample Date: 09/17/2007 **Test Date:** 09/24/2007

Water Analysis(mg/L)

Calcium	168
Magnesium	112
Barium	
Strontium	
Sodium(calc.)	210
Bicarbonate Alkalinity	
Sulfate	324
Chloride	708
Resistivity	

Appended Data(mg/L)

CO2	
H2S	
Iron	0
Oxygen	

Physical Properties

Ionic Strength(calc.	0.04
pH(calc.)	
Temperature(°F)	90
Pressure(psia)	50
Density	

Additional Data

Specific Gravity	
Total Dissolved Solids(Mg/L)	
Total Hardness(CaCO3 Eq Mg/	879

Dew Point	
Lead	
Zinc	

Calcite Calculation Information

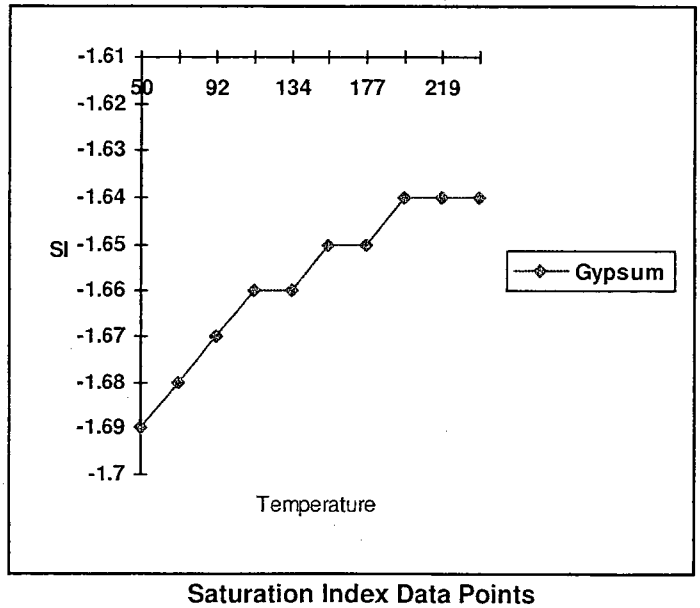
Calculation Method	Value
Mole Percent CO2	

Remarks:

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)		
Gypsum (Calcium Sulfate)	-1.67	
Hemihydrate (Calcium Sulfate)	-1.44	
Anhydrite (Calcium Sulfate)	-1.92	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Saturation Indices



Saturation Index Data Points

	50	71	92	113	134	156	177	198	219	240
Gypsum	-1.69	-1.68	-1.67	-1.66	-1.66	-1.65	-1.65	-1.64	-1.64	-1.64

Lab Tech.:

Water Analysis Report

9/25/2007

Champion Technologies

Address:

Customer: XTO Energy, Inc.
Attention: David Paschal
CC:

Lease: AGU
Formation:
Salesman: Mike Baker

Target Name: AGU Windmill
Sample Point: AGU Windmill

Sample Date: 09/18/2007 **Test Date:** 09/24/2007

Water Analysis(mg/L)

Calcium	168
Magnesium	87
Barium	
Strontium	
Sodium(calc.)	250
Bicarbonate Alkalinity	
Sulfate	332
Chloride	691
Resistivity	

Appended Data(mg/L)

CO2	
H2S	
Iron	0
Oxygen	

Physical Properties

Ionic Strength(calc.	0.04
pH(calc.)	
Temperature(°F)	90
Pressure(psia)	50
Density	

Additional Data

Specific Gravity	
Total Dissolved Solids(Mg/L)	
Total Hardness(CaCO3 Eq Mg/	777

Dew Point	
Lead	
Zinc	

Calcite Calculation Information

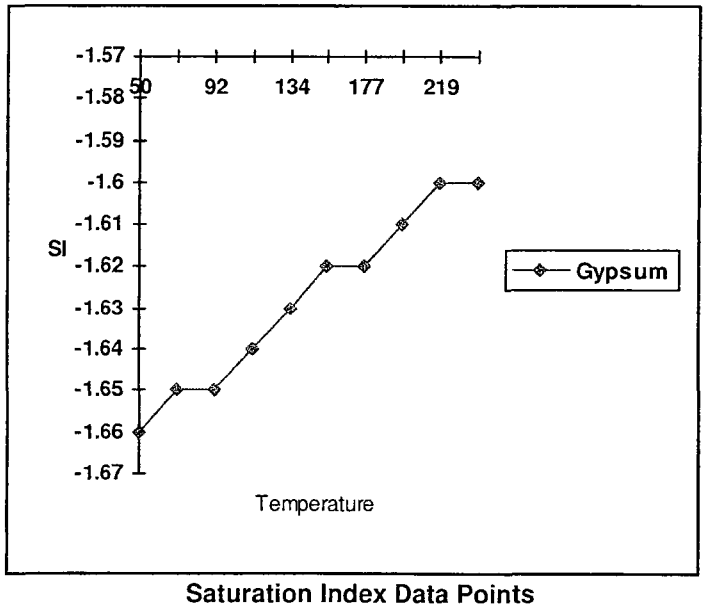
Calculation Method	Value
Mole Percent CO2	

Remarks:

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)		
Gypsum (Calcium Sulfate)	-1.65	
Hemihydrate (Calcium Sulfate)	-1.41	
Anhydrite (Calcium Sulfate)	-1.90	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Saturation Indices



Saturation Index Data Points

	50	71	92	113	134	156	177	198	219	240
Gypsum	-1.66	-1.65	-1.65	-1.64	-1.63	-1.62	-1.62	-1.61	-1.60	-1.60

Lab Tech.:

Water Analysis Report

9/4/2007

Champion Technologies

Address:

Customer: XTO Energy, Inc.
Attention: David Paschal
CC:

Lease: AGU
Formation:
Salesman: Mike Baker

Target Name: AGU 241
Sample Point: AGU 241

Sample Date: 08/22/2007 **Test Date:** 08/29/2007

Water Analysis(mg/L)

Calcium	48
Magnesium	58
Barium	
Strontium	
Sodium(calc.)	41
Bicarbonate Alkalinity	
Sulfate	131
Chloride	220
Resistivity	

Appended Data(mg/L)

CO2	
H2S	
Iron	1
Oxygen	

Physical Properties

Ionic Strength(calc.	0.01
pH(calc.)	
Temperature(°F)	90
Pressure(psia)	50
Density	

Additional Data

Specific Gravity	
Total Dissolved Solids(Mg/L)	
Total Hardness(CaCO3 Eq Mg/	358

Dew Point	
Lead	
Zinc	

Calcite Calculation Information

Calculation Method	Value
CO2 in Brine(mg/L)	

Remarks: Windmill

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)		
Gypsum (Calcium Sulfate)	-2.43	
Hemihydrate (Calcium Sulfate)	-2.16	
Anhydrite (Calcium Sulfate)	-2.68	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Lab Tech.:

Water Analysis Report

9/14/2007

Champion Technologies

Address:

Customer: XTO Energy, Inc.
Attention: David Paschal
CC:

Lease: AGU
Formation:
Salesman: Mike Baker

Target Name: AGU Fresh Water
Sample Point: AGU Fresh Water

Sample Date: 09/13/2007 **Test Date:** 09/14/2007

Water Analysis(mg/L)

Calcium	152
Magnesium	117
Barium	
Strontium	
Sodium(calc.)	352
Bicarbonate Alkalinity	
Sulfate	593
Chloride	715
Resistivity	

Appended Data(mg/L)

CO2	
H2S	
Iron	2
Oxygen	

Physical Properties

Ionic Strength(calc.	0.05
pH(calc.)	
Temperature(°F)	90
Pressure(psia)	50
Density	

Additional Data

Specific Gravity	
Total Dissolved Solids(Mg/L)	
Total Hardness(CaCO3 Eq Mg/	860

Dew Poin	
Lead	
Zinc	

Calcite Calculation Information

Calculation Method	Value
CO2 in Brine(mg/L)	

Remarks:

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)		
Gypsum (Calcium Sulfate)	-1.49	
Hemihydrate (Calcium Sulfate)	-1.26	
Anhydrite (Calcium Sulfate)	-1.74	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Lab Tech.:

Affidavit of Publication

State of New Mexico,
County of Lea.

I, KENNETH NORRIS
GENERAL MANAGER
of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period

of 1 issue(s).
Beginning with the issue dated
September 10, 2009
and ending with the issue dated
September 10, 2009

GENERAL MANAGER
Sworn and subscribed to before me
this 11th day of
September, 2009

Notary Public

My commission expires
February 09, 2013
(Seal)

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

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

LEGAL

LEGAL NOTICE
SEPTEMBER 10, 2009
Notice of Application for Fluid Injection Well Permit
Arrowhead Grayburg Unit #217

XTO Energy, Inc., 200 N. Loraine, Ste.. 800, Midland, Texas 79701, Attention Kristy Ward - 432-620-6740, has applied for a permit to inject fluid into a formation which is productive of oil and gas. The applicant proposes to inject fluid at the location of Unit Ltr. B section 18, Township - 22S, Range - 37E, footage location of the well is 660' FNL & 2045' FEL. The API # is 30-025-31562. Fluid will be injected into the Grayburg formation at depth interval from 3585' - 3862', with a maximum injection rate of 3000 BWIPD and a maximum injection pressure of 730 psi.

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis., Sante Fe, NM 87505, within 15 days
#25223

01102696 00038381
XTO ENERGY INC.
200 LORAINE, SUITE 800
MIDLAND, TX 79701