

ABOVE THIS LINE FOR DIVISION USE ONLY

**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]**

- [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 \_\_\_\_\_
- [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.**

Beverly Hatfield  
 Print or Type Name

*Beverly Hatfield*  
 Signature

SR ENGR TECH  
 Title

7/1/2011  
 Date

Beverly.Hatfield@apachecorp.com  
 e-mail Address

District I  
1623 N French Drive, Hobbs, NM 88240

District II  
1301 W Grand Avenue, Artesa, NM 88210

District III  
1000 N. Ho Road, Artesa, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

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

APPLICATION TYPE  
 Single Well  
 Establish Pre-Approved Pools  
 EXISTING WELLBORE  
 Yes  No

**APPLICATION FOR DOWNHOLE COMMINGLING**

*DHC-4418*  
*NEXT PAGE* →

Apache Corporation 303 Veterans Airpark Lane Suite 3000 Midland TX 79705  
 Operator Address  
 APACHE STATE Q 009 I 16 20S 37E LEA  
 Lease Well No. Unit Letter-Section-Township-Range County  
 OGRID No. 873 Property Code 35591 API No. 30-025-39906 Lease Type: Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE	MIDDLE ZONE
Pool Name	MONUMENT; TUBB (oil)	WEIR; DRINKARD (oil)	SKAGGS; GLORIETA, NW (oil)	WEIR BLUEBAY
Pool Code	47090	63840	5090-5164	63780
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6444-6556	6616-6908	5090-5164	5794-5868
Method of Production (Flowing or Artificial Lift)	ARTIFICIAL LIFT	ARTIFICIAL LIFT	ARTIFICIAL LIFT	✓
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	NA	NA	NA	NA
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.7	38.7	38.7	38.7
Producing, Shut-In or New Zone	NEW ZONE	PRODUCING	NEW ZONE	NEW ZONE
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: EST. Rates: 41 BO 94 MCF 170 BW	Date: 5-24-2011 Rates: 22 BO 54 MCF 160 BW	Date: EST. Rates: 31 BO 3 MCF 61 BW	410 9G 150W 30% / .6 5G2
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 30 % Gas 59 %	Oil 17 % Gas 34 %	Oil 23 % Gas 2 %	

**ADDITIONAL DATA**

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes  No   
 If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes  No   
 Are all produced fluids from all commingled zones compatible with each other? Yes  No   
 Will commingling decrease the value of production? Yes  No   
 If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes  No   
 NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

**Attachments:**

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data
- Data to support allocation method or formula
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling

**PRE-APPROVED POOLS**

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Beverly Hatfield* TITLE Sr. Engineering Tech DATE 07/01/2011

TYPE OR PRINT NAME Bev Hatfield TELEPHONE NO. (432) 818-1906

E-MAIL ADDRESS BeverlyHatfield@apachecorp.com

District I  
1625 N French Drive, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

District II  
1301 W Grand Avenue, Artesia, NM 88210

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

APPLICATION TYPE  
Single Well  
Establish Pre-Approved Pools  
EXISTING WELLBORE  
Yes No

District III  
1000 Rio Brazos Road, Arice, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

APPLICATION FOR DOWNHOLE COMMINGLING

Apache Corporation 303 Veterans Airpark Lane Suite 3000 Midland TX 79705  
Operator Address  
APACHE STATE Q - (PAGE 2) 009 I 16 20S 37E LEA  
Lease Well No. Unit Letter-Section-Township-Range County  
OGRID No. 873 Property Code 35591 API No. 30-025-39906 Lease Type: Federal X State Fee

Table with 4 columns: DATA ELEMENT, UPPER ZONE, INTERMEDIATE ZONE, LOWER ZONE. Rows include Pool Name, Pool Code, Top and Bottom of Pay Section, Method of Production, Bottomhole Pressure, Oil Gravity or Gas BTU, Producing, Shut-In or New Zone, Date and Oil/Gas/Water Rates of Last Production, and Fixed Allocation Percentage.

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes X No  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No  
Are all produced fluids from all commingled zones compatible with each other? Yes X No  
Will commingling decrease the value of production? Yes No X  
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes No  
NMOCD Reference Case No. applicable to this well:

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or formula.
Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Sr. Engineering Tech DATE 07/01/2011

TYPE OR PRINT NAME Bev Hatfield TELEPHONE NO. (432) 818-1906

E-MAIL ADDRESS BeverlyHatfield@apachecorp.com

**Jones, William V., EMNRD**

---

**From:** Hatfield, Beverly [Beverly.Hatfield@apachecorp.com]  
**Sent:** Friday, July 01, 2011 9:47 AM  
**To:** Jones, William V., EMNRD  
**Subject:** DHC APPLICATION STATE Q 9  
**Attachments:** STATE Q 9 DHC C 107 .pdf

**Importance:** High

HAPPY HOLIDAY! PLEASE SEE ATTACHED. The Engineer has scheduled work to begin mid-July.

Thank you.

Bev



**BEV HATFIELD**

**432-818-1906**

[Beverly.Hatfield@apachecorp.com](mailto:Beverly.Hatfield@apachecorp.com)



July 01, 2011

Mr. Will Jones  
New Mexico Oil Conservation Division  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505-4225

RE: Application for Exception for Downhole Commingling  
APACHE STATE Q #9 – 30-025-39906  
Unit I, Section 16, T-20-S, R-37-E  
Tubb, Drinkard, Glorieta & Blinebry Pools  
Lea County, New Mexico

Dear Mr. Jones:

Enclosed please find form C-107A and attachments for downhole commingling the captioned well. The ownerships (WI, NRI and ORRI) of these pools are identical in this wellbore. The fluids from each of these pools are compatible as seen in other similar commingles in the area. Combining these fluids will not result in any damage to these pools nor will it reduce the value of the total remaining production. Commingling will improve the efficiency of present and future recovery operations. Cross flow will not be a problem due to having a production lift system capable of keeping the well pumped off thereby maximizing production.

The subtraction allocation method used for this well. There was no Glorieta production in a nine section area of review surrounding this well. Supporting documentation from previous DHC is shown on the attached spreadsheet. Production for active and inactive wells was grouped by pool in the area of review. The totals for each phase were then divided by the number of wells associated with this pool yielding an average. This average was used to determine the percentage allocation. The area of review used encompasses what has been accepted as a good statistical representation for allocation purposes. By using this allocation method all zones will be brought online in a more effective and efficient manner. This will in turn generate a higher productive rate and quicker revenue streams not only for the operator but for the State of New Mexico too.

If you need additional information or have any questions, please give me a call at (432) 818-1906.

Sincerely,

Bev Hatfield  
Sr. Staff Engineering Technician

*JW*

DISTRICT I  
1626 N. FRENCH DR., MOONSB, NM 88210

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
1361 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number <b>30</b> <del>42-025-39906</del>	Pool Code <b>42090</b>	Pool Name <b>Monument, Tubo</b>
Property Code <b>35591</b>	Property Name <b>APACHE STATE Q</b>	Well Number <b>9</b>
OGRID No. <b>873</b>	Operator Name <b>APACHE CORPORATION</b>	Elevation <b>3530'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	16	20-S	37-E		1710	SOUTH	660	EAST	LEA

Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres <b>80</b>	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>GEODETTIC COORDINATES NAD 27 NME</p> <p>Y=572930.3 N X=833879.6 E</p> <p>LAT.=32.570419° N LONG.=103.249548° W LAT.=32°34'14" N LONG.=103°14'58" W</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Serina L. Flores</i> 9/20/10 Signature Date</p> <p>Serina L. Flores Printed Name</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>APACHE STATE 2010 Data Surveyed Signature &amp; Seal of Professional Surveyor <i>Ronald E. Binson</i> 8/26/2010 10.11.1239 Certificate No. RONALD BINSON 3209</p>

*JW*

DISTRICT I  
1625 N FRANCIS DR., MODOSS, NM 86210

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
1301 W. GRAND AVENUE, ARTISIA, NM 86210

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

DISTRICT III  
1000 Rio Urason Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number <b>30</b> <del>42</del> -025-39906	Pool Code <b>63840</b>	Pool Name <b>Weir, Rankard</b>
Property Code <b>35591</b>	Property Name <b>APACHE STATE Q</b>	Well Number <b>9</b>
GRID No. <b>873</b>	Operator Name <b>APACHE CORPORATION</b>	Elevation <b>3530'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	16	20-S	37-E		1710	SOUTH	660	EAST	LEA

Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres <b>40</b>	Joint or Infill	Consolidation Code	Order No.
------------------------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=572930.3 N X=833879.6 E</p> <p>LAT.=32.570419' N LONG.=103.249548' W LAT.=32°34'14" N LONG.=103°14'58" W</p>		<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Sorinda Flores</i> 9/20/10 Signature Date</p> <p>Sorinda L. Flores Printed Name</p>
		<p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p>
		<p>Date Surveyed: 8/26/2010</p> <p>Signature &amp; Seal of Professional Surveyor: <i>Ronald E. Eison</i></p> <p>Professional Surveyor: RONALD E. EISON</p>
		<p>Certificate No. RONALD E. EISON 3239</p>

*JW*

DISTRICT I  
1628 N. FRANCIS DR., HOBBS, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
1501 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number <b>30</b> <del>42</del> -025-39906	Pool Code	Pool Name <i>Skaggs, Glorieta, NW</i>
Property Code <b>35591</b>	Property Name <b>APACHE STATE Q</b>	Well Number <b>9</b>
OCRID No. <b>873</b>	Operator Name <b>APACHE CORPORATION</b>	Elevation <b>3530'</b>

Surface Location

Ul. or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	16	20-S	37-E		1710	SOUTH	660	EAST	LEA

Bottom Hole Location If Different From Surface

Ul. or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Area <b>40</b> Joint or Infill    Consolidation Code    Order No.									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=572930.3 N X=833879.6 E</p> <p>LAT.=32 57'04.19" N LONG.=103.249548" W LAT.=32°34'14" N LONG.=103°14'58" W</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Sorina L. Flores</i> 9/20/10 Signature Date</p> <p>Sorina L. Flores Printed Name</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p>
	<p>Date Surveyed _____ LA</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p><i>Ronald Einson</i> 8/26/2010</p> <p>10.1.1.239</p> <p>Certificate No. RONALD EINSON 3239</p>

*JW*

DISTRICT I  
1628 N. FRANCIS DR., HOBBS, NM 88210

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT III  
1000 Rio Grason Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number <b>30</b> <del>42-025-39906</del>	Pool Code <b>6.3780</b>	Well Name <b>Well Blueberry</b>
Property Code <b>35591</b>	Property Name <b>APACHE STATE Q</b>	Well Number <b>9</b>
GRID No. <b>873</b>	Operator Name <b>APACHE CORPORATION</b>	Elevation <b>3530'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	16	20-S	37-E		1710	SOUTH	660	EAST	LEA

Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acre	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=572930.3 N X=833879.6 E</p> <p>LAT.=32.570419' N LONG.=103.249548' W LAT.=32°34'14" N LONG.=103°14'58" W</p>		<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Sorinah Flores</i> 9/20/10 Signature Date</p> <p>Sorinah Flores Printed Name</p>
		<p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>ACQUEDUCAN 2010</p> <p>Date Surveyed _____ LA</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p><i>Ronald E. Eason</i> 8/26/2010</p> <p>10.11.1239</p> <p>Certificate No. RONALD EASON 3239</p>

# WL Laughlin Oil DHC-Tubb Drinkard Abo

6/8/11

Lease Name	Well Number	1000	API	Location	Tubb	Drinkard	Abo	Tubb	Drinkard	Abo	Tubb	Drinkard	Abo
J W COOPER G	3	3002505871	3E 20S 37E NW SW NW		2302		4903				43850		
ADKINS	5	3002505902	6M 20S 37E										
BERTHA BARBER	9	3002505914	6E 20S 37E										
BERTHA BARBER	10	3002505915	5L 20S 37E										
BRITT B	2	3002505924	5N 20S 37E										
T ANDERSON	3	3002506003	8K 20S 37E										
T ANDERSON	4	3002506004	8K 20S 37E										
BRITT B	2	3002506007	8C 20S 37E NE NE NW										
BERTIE WHITMIRE	5	3002506018	8F 20S 37E										
BERTIE WHITMIRE	6	3002506016	6R 20S 37E SW NW NE		36768			190860			52363		
BERTIE WHITMIRE	8	3002506018	8F 20S 37E		36170			184854			79603		
BERTHA J BARBER	9	3002506023	8D 20S 37E NW NW										
BERTHA J BARBER	10	3002506024	8E 20S 37E SW NW										
BERTHA J BARBER	11	3002506025	8L 20S 37E NW SW										
T ANDERSON	3	3002506031	8J 20S 37E NW SE										
L VAN ETTEN	6	3002506046	8P 20S 37E										
BRITT B	9	3002506108	16J 20S 37E		261570	46473		3357547	728543	19767	8480	14500	
BRITT B	10	3002506109	16F 20S 37E SE NW		177763	2434		4173816	35800		23782	5740	
BRITT B	11	3002506110	16N 20S 37E		208060			573263			118006		
BRITT B	12	3002506111	16E 20S 37E		191207			2392141			115872		
BRITT B	10	3002506112	16D 20S 37E		25549			818601			32700		
BRITT B	14	3002506113	16L 20S 37E		146450			681428			5307		
SEMU BRITT	61	3002506114	16P 20S 37E			3070			270325			1467	
SEMU TUBB	70	3002506115	16I 20S 37E		81620	104167		894135	3419180		66178	470821	
STATE O	1	3002506116	16J 20S 37E W2 NW SE		59223			220345			28053		
HANSEN STATE	3	3002506126	10A 20S 37E W2 NE NE							477	2460		
HANSEN STATE	5	3002506120	10H 20S 37E		78711			208565			60047		
BRITT B	18	3002520080	10N 20S 37E		115333			807458			9818		
BRITT B	19	3002520112	10B 20S 37E		168919			563131			31861		
L VAN ETTEN	11	3002520217	10T 20S 37E C NE SE		68250			768554			12148		
BRITT B	20	3002520290	10L 20S 37E SW NW SW		166128			814808			8673		
APACHE STATE O	4	3002520380	10I 20S 37E C NE SE		80220			587481			18187		
BARBER ADKINS B	1	3002520438	8D 20S 37E C NW NW		12381			136884			20333		
J W COOPER	1	3002520452	3F 20S 37E		214342			327088			38405		
HANSEN STATE	8	3002520536	10G 20S 37E E2 SW NE		23027			64987			5897		
ELLEN WEIR	1	3002520580	3L 20S 37E		1509								
BRITT B	23	3002520640	3K 20S 37E		22350			87008			3430		
BRITT B	21	3002520640	10J 20S 37E		146885			1026460			16700		
SEMU BLINEBRY TUBB	85	3002520655	18H 20S 37E		162761			754197			31550		
E H B PHILLIPS B	1	3002520934	10F 20S 37E		203280			2110340			14763		
E H B PHILLIPS B	2	3002520936	10G 20S 37E		88878	36501		828515	354448		12763	8981	
E H B PHILLIPS C	1	3002521052	10A 20S 37E		9777			28634			761		
BRITT B	22	3002521064	10P 20S 37E		166908			770895			104293		
LAUGHLIN	1	3002521852	8H 20S 37E		53887			462228			81889		
BRITT PHILLIPS	1	3002521863	10B 20S 37E		24176			1063722			5219		
L VAN ETTEN	12	3002521773	10O 20S 37E NW SW SE		3938			1060982			126654		
V LAUGHLIN	4	3002521820	6A 20S 37E		30976			172089			7415		
T ANDERSON	4	3002525282	6I 20S 37E		1781			8000			19238		
BRITT B	26	3002528486	15M 20S 37E		47354			221652			121864		
BRITT B	27	3002528441	15Q 20S 37E			45788	142018		548210	752350	24487	12341	
ANDERSON	21	3002528452	8O 20S 37E SW SE		12380			20848			161798		
BRITT B	20	3002528476	15K 20S 37E NE NE SW		13873	2804	3917	241839	386173	252036	58748	42372	49188
COOPER	1	3002530527	3 20S 37E C NW NE		2391			1748439			1344		
GENERAL G STATE	3	3002530865	18D 20S 37E NW NW NW		2518			58418			46888		
L VAN ETTEN	13	3002531727	8K 20S 37E SE NE SW		821		16793	368798		82802	2887	8542	
L VAN ETTEN	14	3002532518	9M 20S 37E NE SW SW		1654		14000	197044		108770	10214	25000	
L VAN ETTEN	15	3002532880	9N 20S 37E N2 SE SW										
L VAN ETTEN	16	3002532881	8L 20S 37E										
E H B PHILLIPS B	3	3002533015	10C 20S 37E C NE NW		1134			828			1188		
W H LAUGHLIN	7	3002533141	8E 20S 37E		58990			391898			84255		
THEODORE ANDERSON	10	3002533236	8P 20S 37E										
STATE CC 10	1	3002533284	18C 20S 37E		1986		23309	83910			95278	6987	557143
T ANDERSON	5	3002533298	8J 20S 37E										
STATE H	1	3002533687	3H 20S 37E			70258		239043			4504		
BRITT B	32	3002533906	10M 20S 37E C SW SW			122398		850190			215080		
BERTHA BARBER	10	3002533919	5K 20S 37E NW NE SW		23442		68931	85789		317465	3104	1808	
HANSEN STATE	7	3002533967	18B 20S 37E				169972			680771		394248	
STATE A	1	3002533970	3 20S 37E					1816858			770		
STATE H	2	3002533971	3 20S 37E			131041			1676382			9137	
E H B PHILLIPS C	2	3002533988	10H 20S 37E				2663			471863		12343	
THEODORE ANDERSON	12	3002534021	8P 20S 37E SE SE SE			1948	21997		3617	43800	8642	48088	
LAUGHLIN	2	3002534067	8Q 20S 37E SW SW NE		8783			118802			31187		
APACHE STATE O	7	3002534182	16J 20S 37E NE NW SE		16490		21877	22630		43381	15871	18907	
HANSEN STATE	8	3002534203	16G 20S 37E C SW NE					8783		248155			
BERTHA BARBER	17	3002534204	8F 20S 37E SW SE NW		85128		3182	580308		19432	10070	1248	
J COOPER	1	3002534204	3 20S 37E NW NE			130733			1683674		18282	2088	
STATE A 3	3	3002534207	3I 20S 37E NE SE		28839			763827			21892		
THEODORE ANDERSON	14	3002534281	17A 20S 37E				3827				10276		4952
HANSEN STATE	9	3002534284	16 20S 37E SE SE NE				14736				301315		8302
J W COOPER	5	3002534282	3 20S 37E NE NW NE								65457		
J COOPER	2	3002534295	3G 20S 37E SW NE			88529			677348			1408	
STATE A 3	4	3002534308	3J 20S 37E NW SE		31537			589507			12008		
BERTHA BARBER	187	3002534327	5L 20S 37E SE NW SW		24837			3665	134888		70677	166989	29732
W H LAUGHLIN	8	3002534341	8P 20S 37E NW SE NW			2643		16152	16822	174085		98345	14920
L VAN ETTEN	19	3002534328	9 20S 37E SE SW SE		1930	191		8612	106	1327	18095	2884	2884

Lessee Name	Well Number	100(G)P(A)	Location	Tubbs	Drinkard	Abbe	Tubbs	Drinkard	Abbe	Tubbs	Drinkard	Abbe
STATE I	4	3002534864	16N 20S 37E NW SE SW	3862			26858			11058		
LAUGHLIN	1	3002534875	4N 20S 37E SW SE SW	31270	20927	4828	107399	71363	14213	10272	6266	1669
COOPER 3	6	3002535181	5G 20S 37E SW SW NE	15927	17962		53312	59935		13564		15302
LAUGHLIN	2	3002535182	4L 20S 37E W2 NW SW	55947			388586			23714		
LAUGHLIN	3	3002535348	4Q 20S 37E SE SW SE	45694			117005			30970		
COOPER 5	7	3002535398	6H 20S 37E E2 SE NE	115239			642985			28552		
LAUGHLIN	4	3002535477	4J 20S 37E SW NW SE	103844			278745			35973		
LAUGHLIN	5	3002535584	4H 20S 37E SE SE NE	17415			86514			96480		
LAUGHLIN	6	3002535678	4P 20S 37E SW SE NW	24750			71062			26432		
LAUGHLIN 6	1	3002535827	6P 20S 37E NE SE SE	22978			186218			95139		
LAUGHLIN 5	2	3002535882	6J 20S 37E SE NW SE	85291			587485			27818		
LAUGHLIN	8	3002535870	4M 20S 37E SE SW SW	27770			116915			16809		
LAUGHLIN	7	3002535891	4K 20S 37E SW NE SW	30464			121277			23624		
COOPER 4	3	3002535924	4E 20S 37E SW SW NW	2297			2101			1888		
LAUGHLIN	9	3002535958	4I 20S 37E SE NE SE	21401			47852			57933		
COOPER 6	9	3002535993	5 20S 37E SE NW NE	24891			111841			90889		
LAUGHLIN 5	3	3002536000	6I 20S 37E NW NE SE	78188			852785			100787		
LAUGHLIN 5	4	3002536023	6O 20S 37E N2 SW SE	88944			150742			21131		
COOPER 8	8	3002536044	5 20S 37E SW NE NE	63332			312844			311848		
BERTHA BARBER	21	3002536134	6 20S 37E SE NE NW	47229			584253			96433		
LAUGHLIN 8	1	3002536147	6A 20S 37E W2 NE NE	42769		13029	223213		44908	17817		8516
LAUGHLIN	10	3002536181	4P 20S 37E NW SE SE	23212			68645			65409		
BERTIE WHITMIRE	11	3002536331	6B 20S 37E W2 NW NE	47758			177189			77889		
COOPER 8	2	3002536529	6H 20S 37E NE SE NE	3307		39	16584			27301		1278
V LAUGHLIN	5	3002536876	9C 20S 37E N2 NE NW	4937		29290	10478		77943	2317		10375
BARBER ADKINS 8	2	3002538717	8L 20S 37E SW NW SW			10863			78854			29877
APACHE STATE Q	8	3002537287	10P 20S 37E NE SE SE	22481	15844		182988	138809		22157	13147	
STATE A 3	8	3002539220	3P 20S 37E E2 SE SE	1053			4747			54823		
HANSEN STATE	11	3002539562	16A 20S 37E			8584			15664			12901
V LAUGHLIN	7	3002539587	9D 20S 37E NW NW NW			8172			10488			10858
TOTALS				4,370,484	813,459	798,298	41,439,808	11,163,292	11,613,726	3,165,679	847,871	1,394,443
AVERAGES				67,867	80,748	27,242	638,179	620,127	397,026	40,981	62,668	66,868

Proposed Allocations	Oil	Gas	Water
Tubbs	43%	34%	28%
Drinkard	37%	40%	35%
Abbe	20%	26%	37%
TOTAL	100%	100%	100%



AFE No: TW- 10- 0421-C

**State Q #9**

API #: 30-025-39906

1650' FSL & 990' FEL

Section 16, Township 20S, Range 37E

Lea County, New Mexico

**Completion Procedure –Tubb, Blinebry, Glorieta**

**June 15, 2011**

**Recommended Procedure:**

**Note: 5-1/2", 17#, J-55 & L-80 csg @ 7722' w/1,210 sx cmt (circ).  
(986' L-80 csg on top). Marker Joint @ 5021'.**

**Burst L-80 @ 90% = 6966 psig**

**Burst J-55 @ 90% = 4788 psig**

**Drinkard Perfs: 6616', 6618', 6626', 6628', 6756', 6758', 6764',  
6766', 6802', 6804', 6822', 6824', 6830', 6832',  
6902', 6904', 6906', 6908'**

**Tubb:**

1. MIRU PU. POOH with rods and pump. NU BOP. TOH with tubing.
2. MIRU wireline unit. Set composite plug @ 6590'. Load hole and pressure test CBP to 2000 psi.
3. ND BOP and WH. NU and test 5000 psi WH. Install frac valve and BOP.
4. Perforate Tubb formation @ 6444-6448', 6454-6458', 6474-6478', 6496-6500', 6514-6518', 6534-6538' and 6552-6556' w/1 spf, 120 deg phasing. Total = 35 shots.
5. RIH 2-7/8" tubing and packer. Spot acid over all perfs. Set packer @ +/- 6350'.
6. Acidize Tubb interval with 3,000 gals 15% NEFE HCL acid and ball sealers. Add 1 drum of corrosion inhibitor & 2 drums scale inhibitor to acid mix.
7. Release packer & run through perfs to knock off balls. TOH with tubing and packer. ND BOP.
8. RU frac equipment. Load hole with 10# gel slick water. Frac Tubb w/80,000# 20/40 Ottawa and 20,000# 20/40 SLC resin coated sand down 5-1/2" csg @ 40-50 BPM in 30# XL gel as per frac recommendation. Maximum treating pressure = 4800 psi.
9. Spot 1,500 gals 15% HCL across Blinebry interval 5794' – 5868' during Tubb frac flush.
10. RIH and set composite plug above the Tubb interval @ +/- 6350'. Pressure test CBP to 3000 psi.

**Blinebry:**

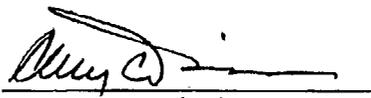
1. Perforate Blinebry formation @ 5794-5798' and 5858-5868' w/2 spf, 120 deg phasing. Total = 30 shots.

2. Acidize Blinebry w/3,000 gals 15% HCL with ball sealers. Add 1 drum of corrosion inhibitor & 2 drums scale inhibitor to acid mix. RIH w/junk basket to knock off balls.
3. Frac Blinebry w/60,000# 20/40 Ottawa sand and 20,000# 20/40 SLC resin coated sand down 5-1/2" csg @ 40-50 BPM in 30# XL gel as per frac recommendation. Maximum treating pressure = 4800 psi.
4. RIH and set composite plug above the Blinebry interval @ +/- 5700'. Pressure test CBP to 3000 psi. RD frac equipment. ND frac valve. Change out WH, NU BOP.

**Glorieta:**

1. Perforate Glorieta formation @ 5090-5094', 5108-5114', 5120-5124', 5130-5134', 5142-5146', 5152-5156' and 5160-5164' w/2 spf, 120 deg phasing. Total = 74 shots.
2. RIH 2-7/8" tubing and packer. Spot acid over all perms. Set packer @ +/- 5000'.
3. Acidize Glorieta interval with 4,000 gals 15% NEFE HCL acid and ball sealers. Add 1 drum of corrosion inhibitor & 2 drums scale inhibitor to acid mix.
4. Swab test Glorieta interval.
5. TOH with tubing and packer.
6. RIH w/2-7/8" tbg and bit. Drill out plugs and clean out to 6955' PBSD.
7. RIH w/production tubing. Land SN @ +/-6915'. ND BOP. NU WH. RIH w/1-1/2" pump & rods.
8. Place well on test.

Prepared by:



Gary C. Timmermann  
6/15/2011



**COMPENSATED PHOTO-DENSITY  
COMPENSATED NEUTRON  
SPECTRAL GAMMA RAY**

COMPANY APACHE CORPORATION  
WELL APACHE STATE Q #9  
FIELD MONUMENT  
PROVINCE/COUNTY LEA  
COUNTRY/STATE U.S.A. / NEW MEXICO  
LOCATION 1650' FSL & 990' FEL  
SEC 16,T-20S,R-37E

SEC 16 TWP 20S RGE 37E Other Services  
INDUCTION MICRO LOG

API Number 30-025-39906  
Permit Number COMPENSATED SONIC

Permanent Datum G.L., Elevation 3551 feet  
Log Measured From K.B. 11 FT. above Permanent Datum  
Drilling Measured From K.B.

Elevations: feet  
KB 3562.00  
DF 3561.00  
GL 3551.00

Date	24-NOV-2010	
Run Number	ONE	
Depth Driller	7722.00	feet
Depth Logger	7728.00	feet
First Reading	7694.00	
Last Reading	200.00	
Casing Driller	4825.00	feet
Casing Logger	4825.00	feet
Bit Size	7.875	inches
Hole Fluid Type	FRESH	
Density / Viscosity	8.40 lb/USg	28.00 Sec/Qt
PH / Fluid Loss	8.00	
Sample Source	CIRC. TANK	
Rm @ Measured Temp	1.0 @ 75.0	ohm-m
Rmf @ Measured Temp	0.75 @ 97.0	ohm-m
Rmc @ Measured Temp	1.50 @ 97.0	ohm-m
Source Rmf / Rmc	CALC	CALC
Rm @ BHT	0.66 @115.0	ohm-m
Time Since Circulation	12 HOURS	
Max Recorded Temp	115.00	deg F
Equipment Name	COMPACT	
Equipment / Base	13239	4352
Recorded By	A. JOHNSON	J. ORTEGA
Witnessed By	BRET PEARCY	

**REMARKS**

- 1) TOOLS RUN: MAI, MFE, MSS, SKJ, MPD, MDN, MML, SGS, MCG RAN IN COMBINATION.
- 2) HARDWARE: TWO 0.5" STANDOFFS ON MSS  
ONE 0.5" STANDOFF ON MAI  
ONE ECCENTRIC BOWSPRING ON MDN
- 3) 2.71 GICC DENSITY MATRIX USED TO CALCULATE POROSITY.
- 4) ALL INTERVALS LOGGED AND SCALED PER CUSTOMER'S REQUEST.
- 5) TOTAL HOLE VOLUME FROM TD TO CASING = 1140 CU. FT.
- 6) ANNULAR VOLUME WITH 5.5" INCH PRODUCTION CASING = 670 CU. FT.
- 7) SERVICE ORDER #: 35256653
- 8) RIG: CAPSTAR 18
- 9) ENGINEERS: ADAM JOHNSON; JUAN ORTEGA
- 10) OPERATORS: ARTURO NEVAREZ; BRIAN ENLOE
- 11) BOREHOLE SIZE AND RUGOSITY AFFECT LOG QUALITY

**BOREHOLE RECORD**

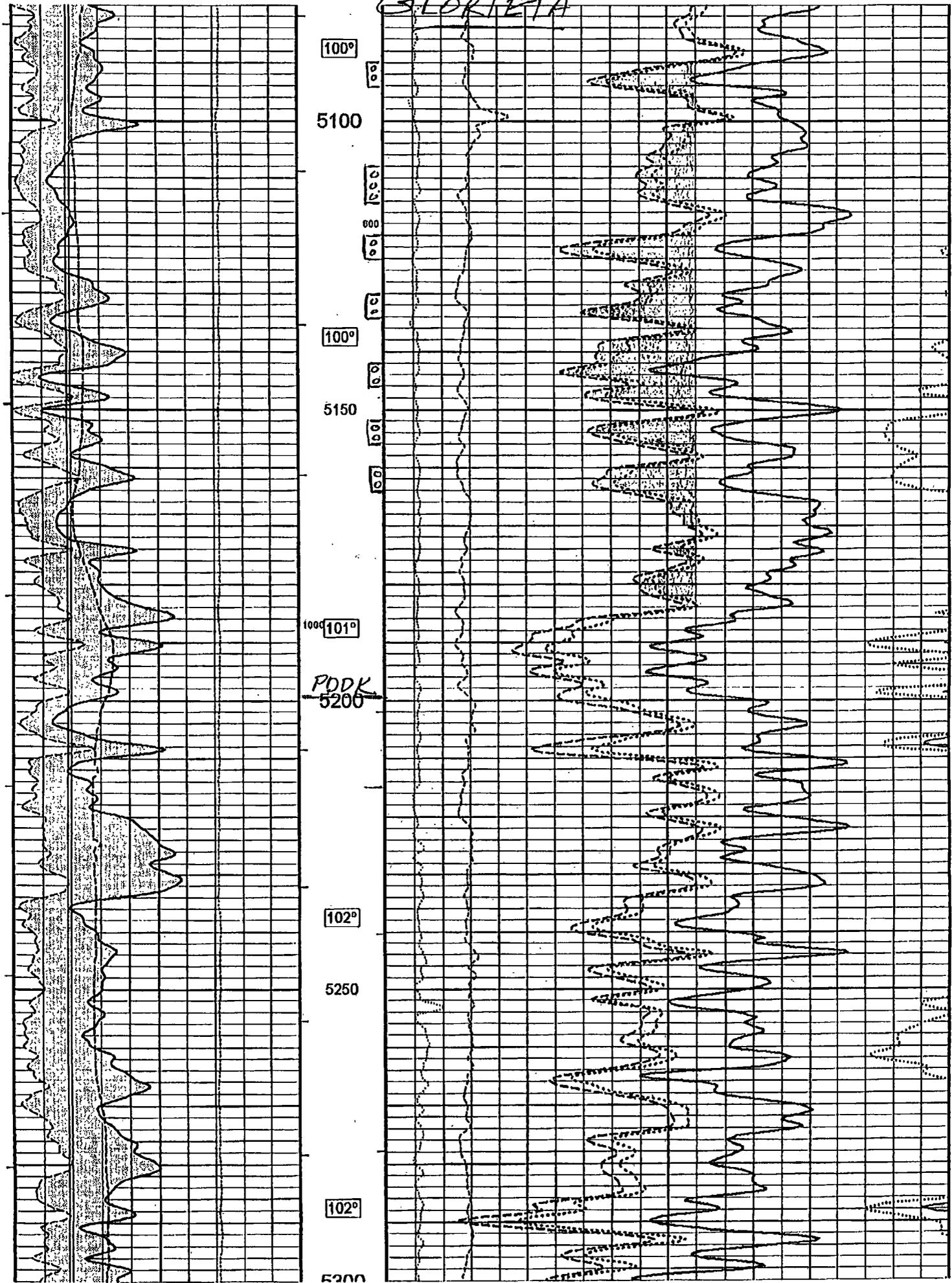
Last Edited: 24-NOV-2010 19:18

Bit Size inches	Depth From feet	Depth To feet
11.000	0.00	4825.00
7.875	4825.00	7728.00

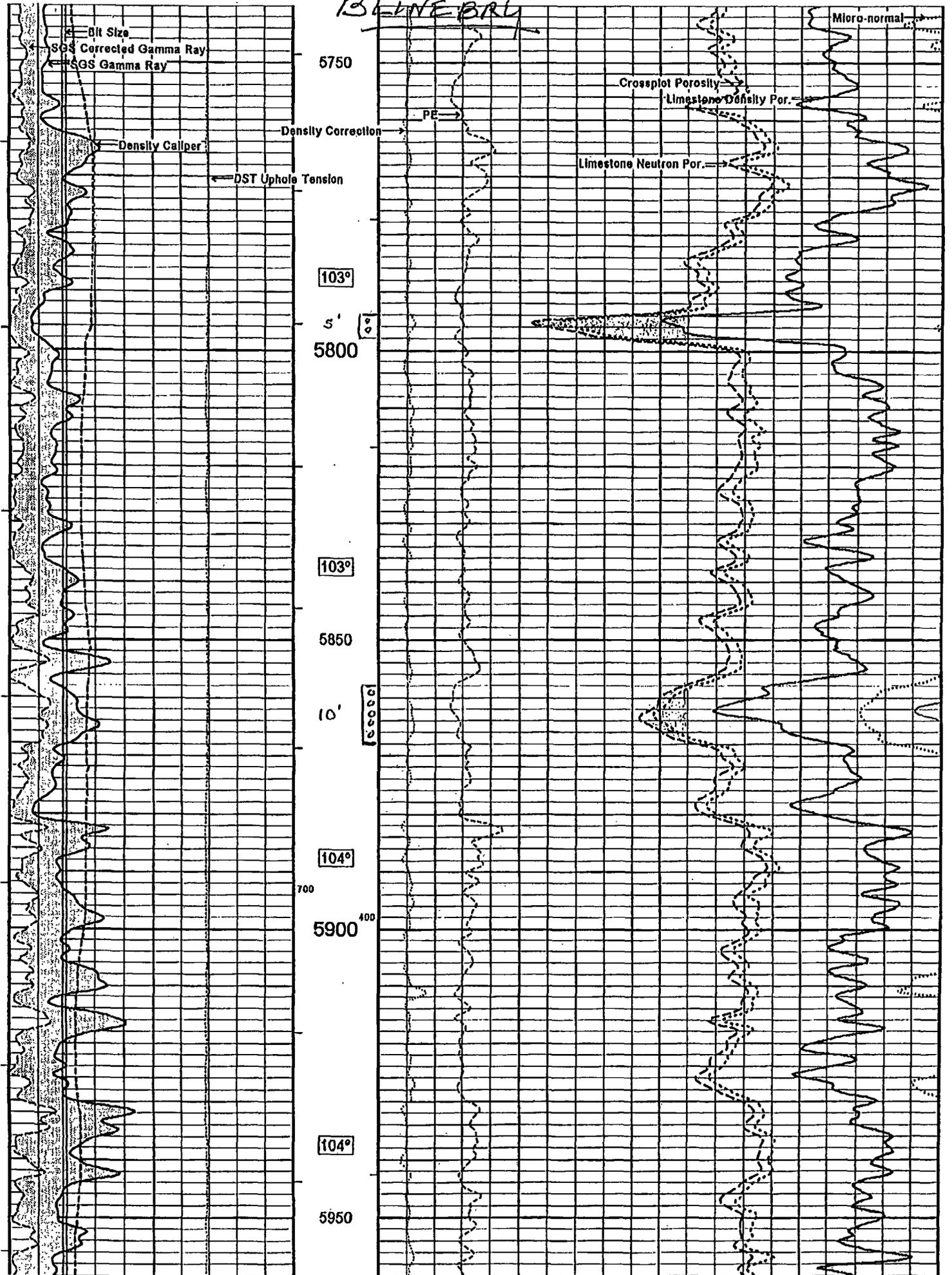
**CASING RECORD**

Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft

# GLORIETA



# 13 LINE BRU



0400

500

TUGB

108°

6450

107°

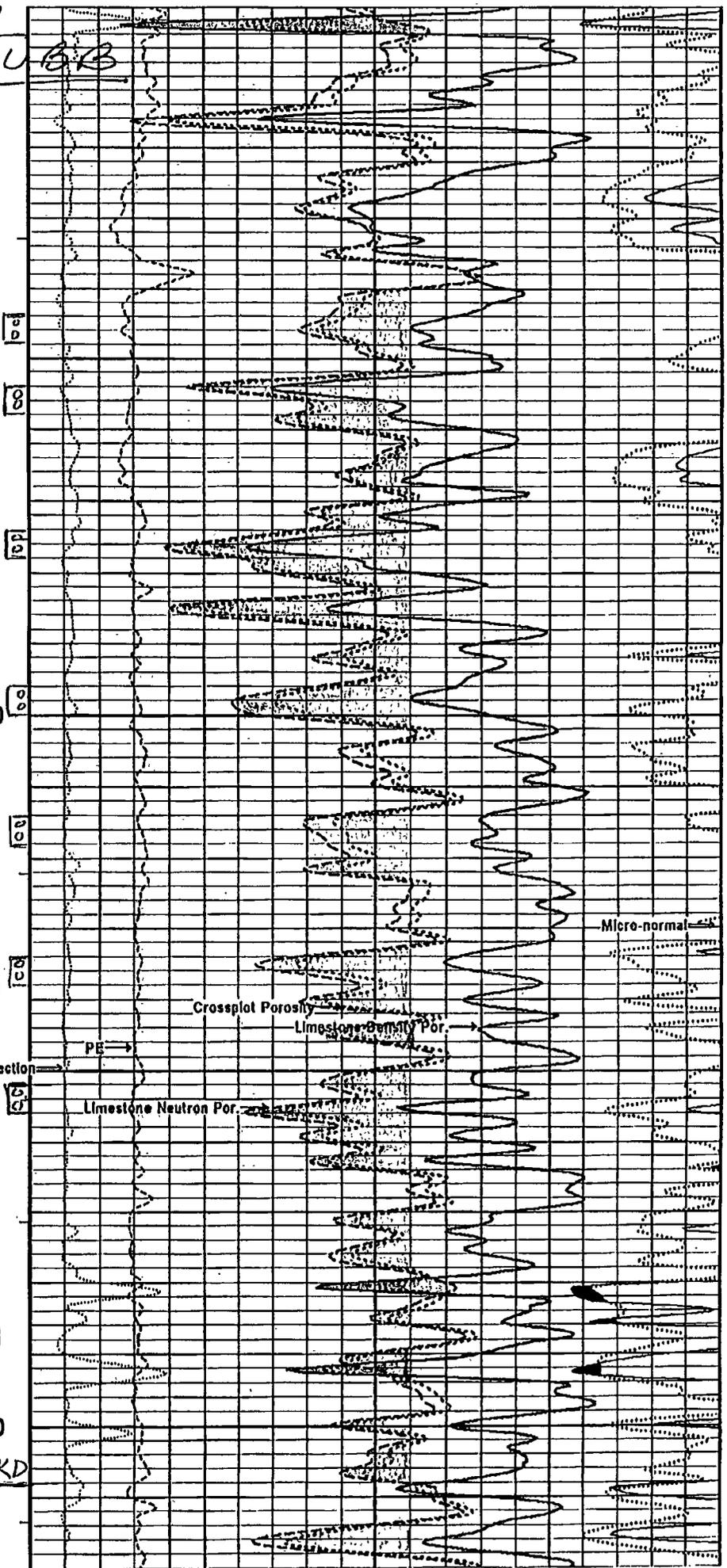
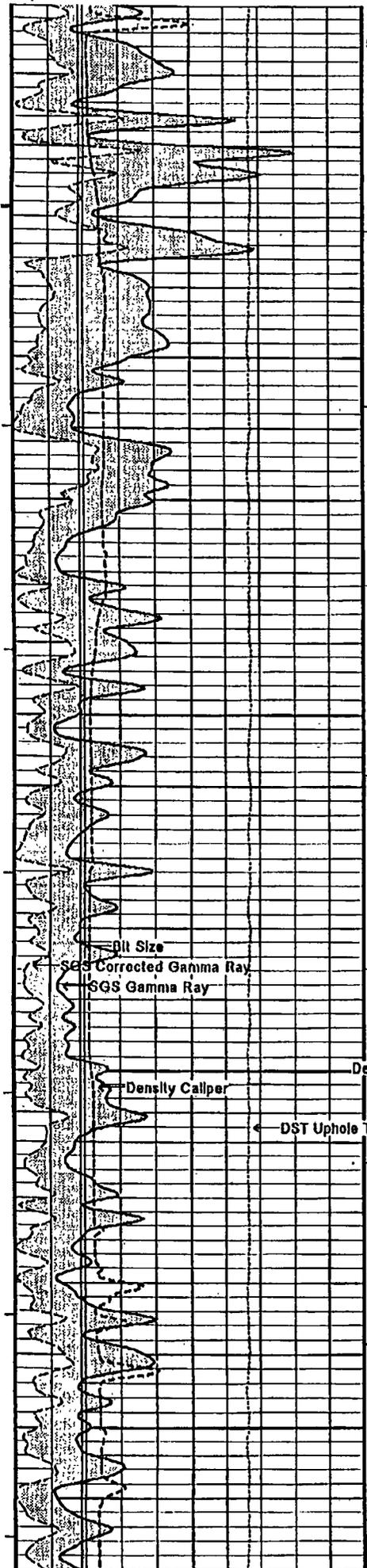
6500

107°

107°

6600

DRNKD



District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Department  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144 CLEZ  
July 21, 2008

For closed-loop systems that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, submit to the appropriate NMOCD District Office.

**Closed-Loop System Permit or Closure Plan Application**

*(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)*

Type of action:  Permit  Closure

Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144.

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

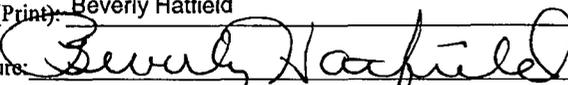
1.  
Operator: Apache Corporation OGRID #: 873  
Address: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705  
Facility or well name: STATE Q  
API Number: 30 025 39906 OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr I Section 16 Township 20S Range 37E County: LEA  
Center of Proposed Design: Latitude 32.570419 Longitude 103.249548W NAD:  1927  1983  
Surface Owner:  Federal  State  Private  Tribal Trust or Indian Allotment

2.  
 **Closed-loop System:** Subsection H of 19.15.17.11 NMAC  
Operation:  Drilling a new well  Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)  P&A  
 Above Ground Steel Tanks or  Haul-off Bins

3.  
**Signs:** Subsection C of 19.15.17.11 NMAC  
 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers  
 Signed in compliance with 19.15.3.103 NMAC

4.  
**Closed-loop Systems Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC  
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.  
 Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC  
 Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC  
 Closure Plan (Please complete Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC  
 Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_  
 Previously Approved Operating and Maintenance Plan API Number: \_\_\_\_\_

5.  
**Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:** (19.15.17.13.D NMAC)  
Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.  
Disposal Facility Name: SUNDANCE INCORPORATED Disposal Facility Permit Number: NM-01-0003  
Disposal Facility Name: CRI Disposal Facility Permit Number: NM-01-0006  
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations?  
 Yes (If yes, please provide the information below)  No  
Required for impacted areas which will not be used for future service and operations:  
 Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  
 Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC  
 Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

6.  
**Operator Application Certification:**  
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.  
Name (Print): Beverly Hatfield Title: Sr. Engr Tech  
Signature:  Date: 06/15/2011  
e-mail address: Beverly.Hatfield@apachecorp.com Telephone: 432/818-1906

7. **OCD Approval:**  Permit Application (including closure plan)  Closure Plan (only)

OCD Representative Signature: \_\_\_\_\_ Approval Date: \_\_\_\_\_

Title: \_\_\_\_\_ OCD Permit Number: \_\_\_\_\_

8. **Closure Report (required within 60 days of closure completion):** Subsection K of 19.15.17.13 NMAC

*Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.*

Closure Completion Date: \_\_\_\_\_

9. **Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:**

*Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.*

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?

Yes (If yes, please demonstrate compliance to the items below)  No

*Required for impacted areas which will not be used for future service and operations:*

- Site Reclamation (Photo Documentation)
- Soil Backfilling and Cover Installation
- Re-vegetation Application Rates and Seeding Technique

10. **Operator Closure Certification:**

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

e-mail address: \_\_\_\_\_ Telephone: \_\_\_\_\_