

| | | | | | |
|-------------------|------------|---------------------|---------------------|-------------|--------------------------|
| 2/1/08 DATE IN | SLUSH: NRE | W Jones ENGINEER | 2/1/08 LOGGED IN | IPI TYPE | PKVRO803234966 APP NO |
|-------------------|------------|---------------------|---------------------|-------------|--------------------------|

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.

Kevin Mayes _____ Signature _____ Sr. Engr. Advisor 2/1/08 Date

Kevin.mayes@apachecorp.com
 c-mail Address

RECEIVED
 2008 JAN 32 AM 9 40

RECEIVED

2008 JAN 25 AM 11 59



TWO WARREN PLACE, SUITE 1500 / 6120 SOUTH YALE / TULSA, OK 74136-4224

(918) 491-4900
FAX: (918) 491-4853
FAX: (918) 491-4854

January 21, 2008

State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Attention: Mr. William V. Jones

RE: Request for Surface Injection Pressure Amendment
East Blinebry Drinkard Unit (Division Order R-12394)
Lea County, New Mexico

Dear Mr. Jones:

Apache Corporation requests an amendment to the 0.2 psi/ft surface pressure limitation in the East Blinebry Drinkard Waterflood Unit. Said request would allow for accelerated production in the field.

Eight of the seventeen injectors in the unit had step rate tests conducted from December 13 through December 27, 2007 (see attached). The minimum surface parting pressure from these tests was 2100 psi (0.37 psi/ft). As a result, Apache Corporation request that the field wide surface pressure limitation be raised from 1121 psi to 2100 psi.

Your approval of said amendment would be greatly appreciated. Please call with any questions or comments.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Kevin Mayes", written over a large, stylized flourish.

Kevin Mayes, Sr. Engineering Advisor

Attachments

Cc: Clint Mills, Production Engineer
James Pyle, Forman

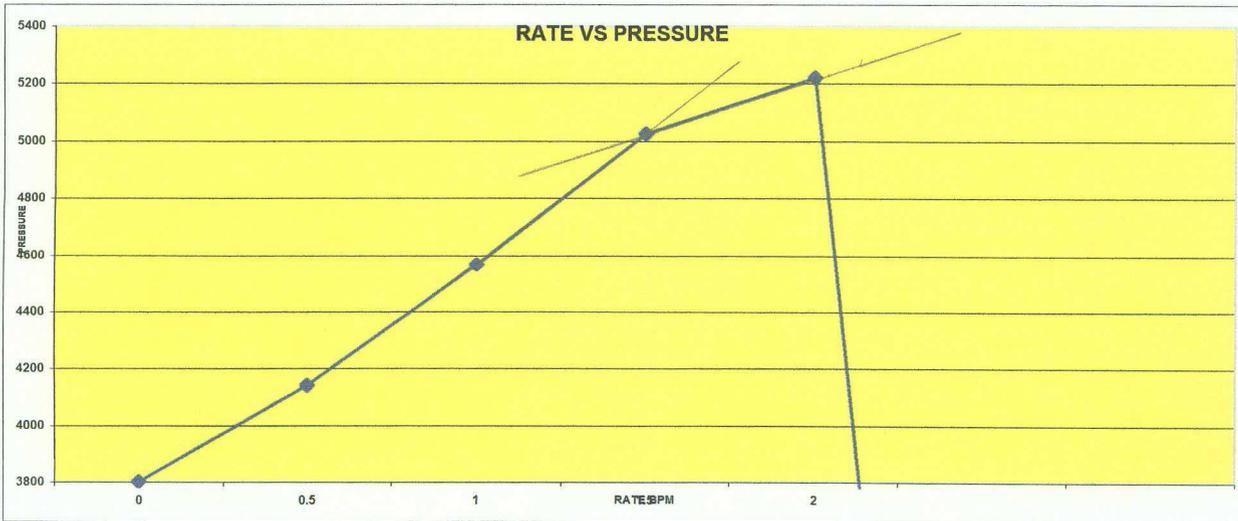


STEP RATE TEST

MONTY.HOLMES@GRAYWIRELINE.COM

| RATE BPM | Date | Time | BH Press | Surf Press | Comments |
|----------|------------|----------|----------|------------|----------------|
| 0 | 12/18/2007 | 10:20 AM | 3803 | 1100 | |
| 0.5 | 12/18/2007 | 10:55 AM | 4142 | 1500 | |
| 1 | 12/18/2007 | 11:25 AM | 4567 | 2080 | |
| 1.5 | 12/18/2007 | 11:55 AM | 5026 | 2875 | FRACTURE POINT |
| 2 | 12/18/2007 | 12:25 PM | 5220 | 3250 | |

| | | | |
|--------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Company: | APACHE CORPORATION | Recorded By: | M. HOLMES |
| Well: | E. BLINEBRY DRINKARD UNIT #26 | Witnessed By: | JAMES PYLE |
| Field: | DRINKARD | Truck Number: | 67 |
| County: | LEA | District: | ODESSA |
| State: | NEW MEXICO | Tool Number: | SPARTEK 1" |
| Injector: | WATER | Test Type: | STEP RATE TESTS |
| Shut In Time: | NO INFO | <div style="border: 1px solid black; padding: 5px; display: inline-block;"> 30-025-06536 G 11 215 37E GWSI </div> | |
| Tool Depth: | 6600' | | |
| Tubing Size: | 2 3/8 | | |
| Seat Nipple Depth: | 6557' TAIL PIPE | | |
| Perfs: | 6582-6708' | | |
| Plug Back Depth: | 6772' | | |

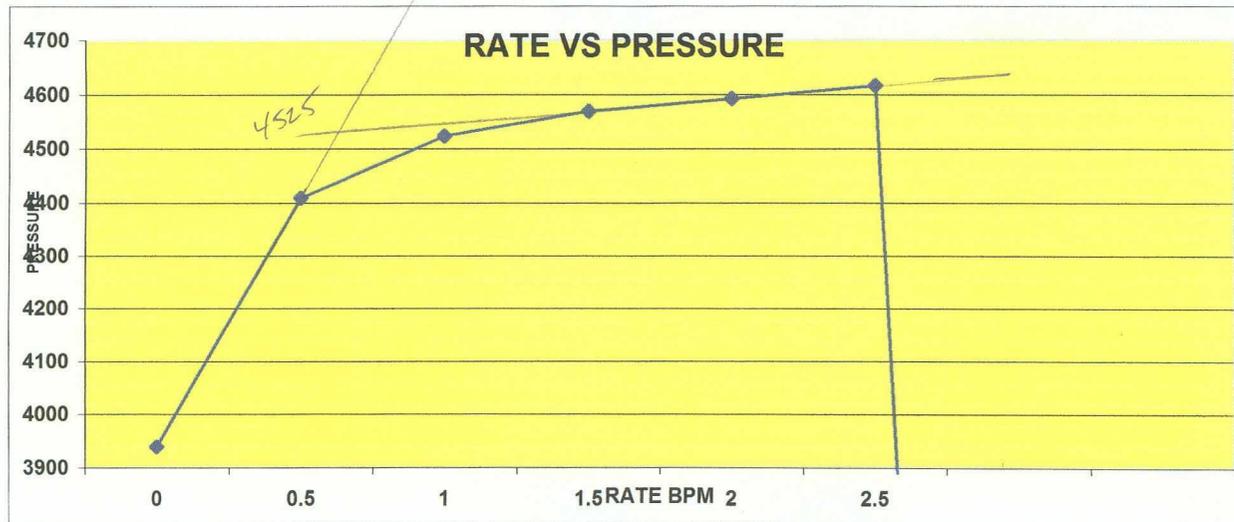




STEP RATE TESTS

MONTY.HOLMES@GRAYWIRELINE.COM

| RATE BPM | Date | Time | BH Press | Surf Press | Comments |
|-------------------------------------|------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|
| 0 | 12/27/2007 | 3:04 PM | 3940 | 1200 | |
| 0.5 | 12/27/2007 | 3:35 PM | 4409 | 1775 | |
| 1 | 12/27/2007 | 4:05 PM | 4524 | 2100 | FRACTURE POINT |
| 1.5 | 12/27/2007 | 4:35 PM | 4570 | 2400 | AT 4550 PSI |
| 2 | 12/27/2007 | 5:05 PM | 4592 | 2750 | |
| 2.5 | 12/27/2007 | 5:35 PM | 4616 | 3150 | |
| Company: APACHE CORPORATION | | | Recorded By: M. HOLMES | | |
| Well: E. BLINEBRY DRINKARD UNIT #27 | | | Witnessed By: JAMES PYLE | | |
| Field: DRINKARD | | | Truck Number: 67 | | |
| County: LEA | | | District: ODESSA | | |
| State: NEW MEXICO | | | Tool Number: SPARTEK 1" | | |
| Injector: WATER | | | Test Type: STEP RATE TESTS | | |
| Shut In Time: NO INFO | | | <div style="border: 1px solid black; padding: 5px; display: inline-block;"> 30-025-06535 E 11 215 37E </div> | | |
| Tool Depth: 6080' | | | | | |
| Tubing Size: 2 3/8 | | | | | |
| Seat Nipple Depth: 6230' TAIL PIPE | | | | | |
| Perfs: 5700-6095', OPEN HOLE: 6464' | | | | | |
| Plug Back Depth: 6632' | | | | | |





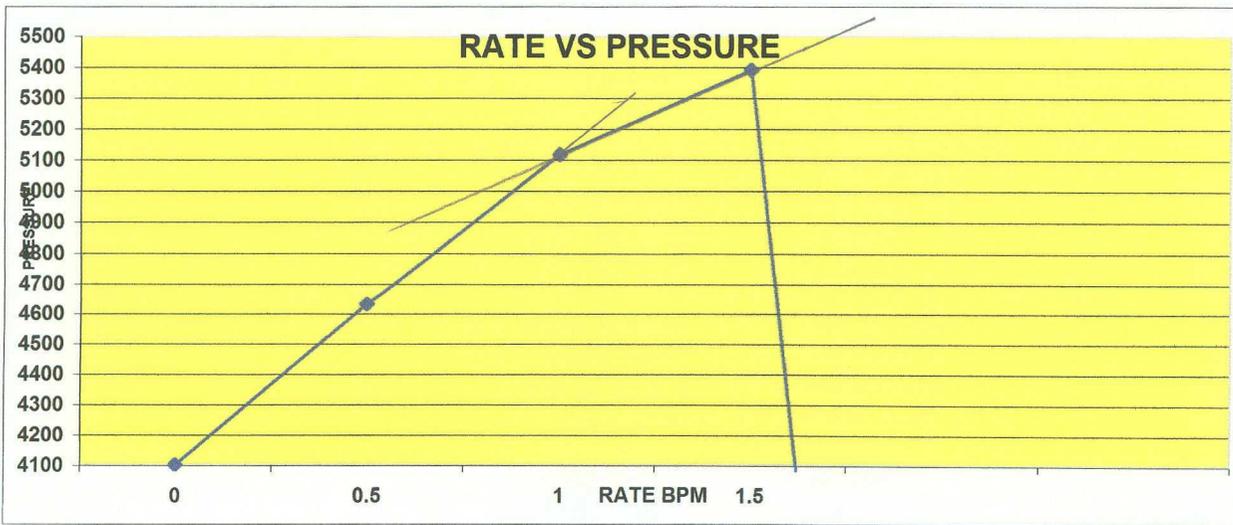
STEP RATE TEST

MONTY.HOLMES@GRAYWIRELINE.COM

| RATE BPM | Date | Time | BH Press | Surf Press | Comments |
|----------|------------|----------|-----------|------------|---------------|
| 0 | 12/14/2007 | 9:34 AM | 4102 | 1200 | |
| 0.5 | 12/14/2007 | 10:05 AM | 4632 | 2000 | |
| 1 | 12/14/2007 | 10:35 AM | 5119 | 2650 | MIN. FRACTURE |
| 1.5 | 12/14/2007 | 11:05 AM | 5391 | 3150 | AT 5119 PSI |
| | UNABLE TO | REACH | 2ND POINT | POST BREAK | |

| | | | |
|-------------------|-------------------------------|---------------|-----------------|
| Company: | APACHE CORPORATION | Recorded By: | M. HOLMES |
| Well: | E. BLINEBRY DRINKARD UNIT #15 | Witnessed By: | JAMES PYLE |
| Field: | DRINKARD | Truck Number: | 67 |
| County: | LEA | District: | ODESSA |
| State: | NEW MEXICO | Tool Number: | SPARTEK 1" |
| Injector: | WATER | Test Type: | STEP RATE TESTS |
| Shut In Time: | NO INFO | | |
| Tool Depth: | 6700' | | |
| Tubing Size: | 2 3/8 | | |
| Packer/Tail pipe: | 6575' | | |
| Perfs: | 6595' - 6766' | | |
| Plug Back Depth: | 6850' | | |

30-025-06527
A 11 215 37E
GWJ



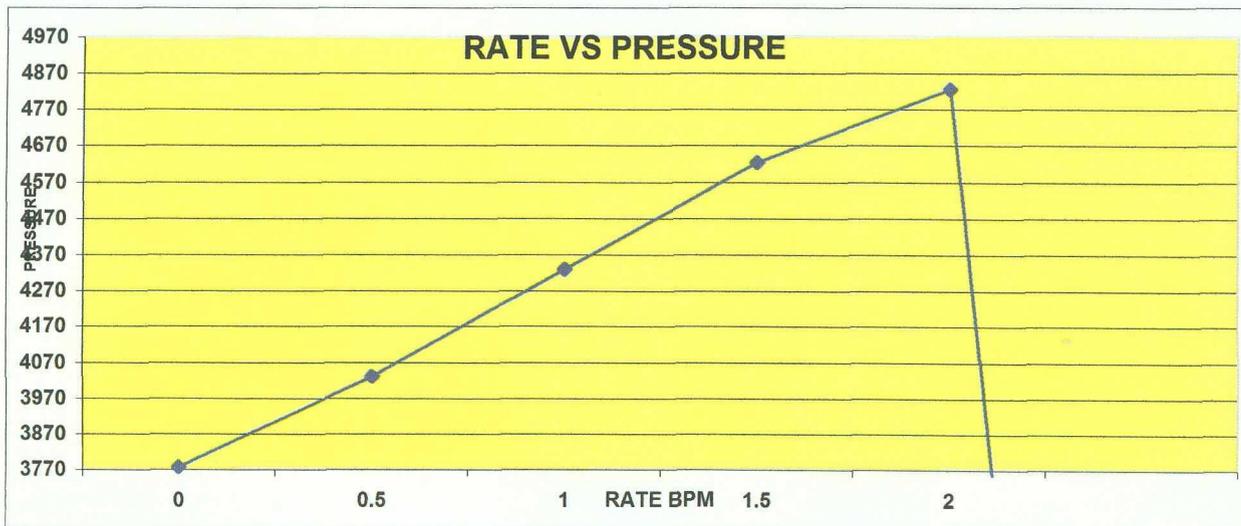


STEP RATE TESTS

MONTY.HOLMES@GRAYWIRELINE.COM

| RATE BPM | Date | Time | BH Press | Surf Press | Comments |
|-------------------------------------|------------|---------|----------------------------|------------|-----------------|
| 0 | 12/19/2007 | 1:45 PM | 3778 | 1050 | |
| 0.5 | 12/19/2007 | 2:20 PM | 4031 | 1300 | |
| 1 | 12/19/2007 | 2:50 PM | 4331 | 1900 | MIN FRACTURE |
| 1.5 | 12/19/2007 | 3:20 PM | 4625 | 2300 | APPROX 4625 PSI |
| 2 | 12/19/2007 | 3:50 PM | 4825 | 2800 | |
| | UNABLE TO | REACH | 2ND POINT | POST BREAK | |
| Company: APACHE CORPORATION | | | Recorded By: M. HOLMES | | |
| Well: E. BLINEBRY DRINKARD UNIT #30 | | | Witnessed By: JAMES PYLE | | |
| Field: DRINKARD | | | Truck Number: 67 | | |
| County: LEA | | | District: ODESSA | | |
| State: NEW MEXICO | | | Tool Number: SPARTEK 1" | | |
| Injector: WATER | | | Test Type: STEP RATE TESTS | | |
| Shut In Time: NO INFO | | | | | |
| Tool Depth: 6600' | | | | | |
| Tubing Size: 2 3/8 | | | | | |
| Seat Nipple Depth: 6633' TAIL PIPE | | | | | |
| Perfs: 5742-6747' | | | | | |
| Plug Back Depth: 6850' | | | | | |

30-025-06539
E 12 215 375



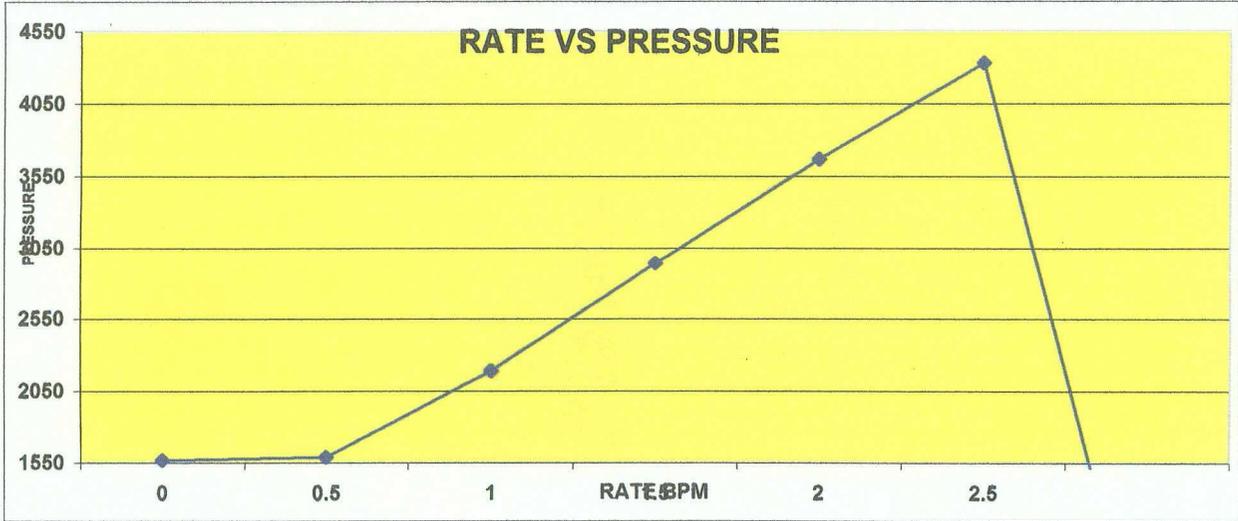


STEP RATE TESTS

MONTY.HOLMES@GRAYWIRELINE.COM

| RATE BPM | Date | Time | BH Press | Surf Press | Comments |
|-------------------------------------|-----------------|-----------|----------------------------|------------|------------------|
| 0 | 12/27/2007 | 10:09 AM | 1568 | 0 | |
| 0.5 | 12/27/2007 | 10:40 AM | 1592 | 0 | |
| 1 | 12/27/2007 | 11:10 AM | 2190 | 0 | |
| 1.5 | 12/27/2007 | 11:40 AM | 2941 | 1000 | |
| 2 | 12/27/2007 | 12:10 AM | 3670 | 2150 | FRACTURE POINT |
| 2.5 | 12/27/2007 | 12:40 AM | 4333 | 3300 | APPROX. 4300 PSI |
| | UNABLE TO REACH | 2ND POINT | | POST BREAK | |
| Company: APACHE CORPORATION | | | Recorded By: M. HOLMES | | |
| Well: E. BLINEBRY DRINKARD UNIT #17 | | | Witnessed By: JAMES PYLE | | |
| Field: DRINKARD | | | Truck Number: 67 | | |
| County: LEA | | | District: ODESSA | | |
| State: NEW MEXICO | | | Tool Number: SPARTEK 1" | | |
| Injector: WATER | | | Test Type: STEP RATE TESTS | | |
| Shut In Time: NO INFO | | | | | |
| Tool Depth: 5430' | | | | | |
| Tubing Size: 2 3/8 | | | | | |
| Seat Nipple Depth: 6738' TAIL PIPE | | | | | |
| Perfs: 5604-7102' | | | | | |
| Plug Back Depth: 6860' | | | | | |

30-025-06478
0 11 215 37E
GWSI



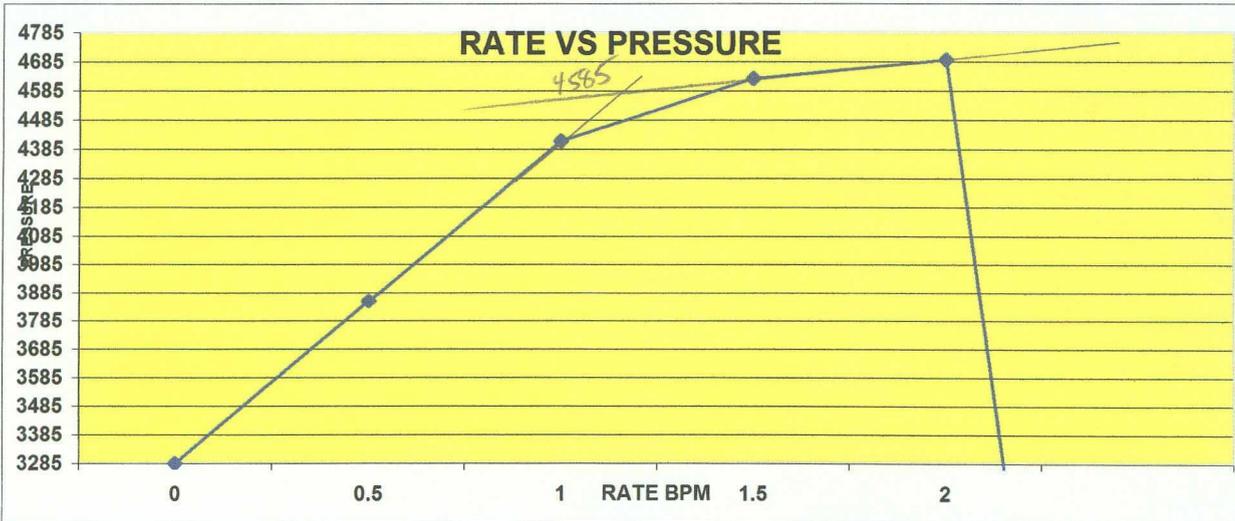


STEP RATE TESTS

MONTY.HOLMES@GRAYWIRELINE.COM

| RATE BPM | Date | Time | BH Press | Surf Press | Comments |
|----------|------------|----------|----------|------------|-----------------|
| 0 | 12/19/2007 | 9:43 AM | 3285 | 900 | |
| 0.5 | 12/19/2007 | 10:20 AM | 3856 | 1500 | |
| 1 | 12/19/2007 | 10:50 AM | 4414 | 2200 | FRACTURE POINT |
| 1.5 | 12/19/2007 | 11:20 AM | 4628 | 2750 | APPROX 4580 PSI |
| 2 | 12/19/2007 | 11:50 AM | 4691 | 3050 | |

| | | | |
|--------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Company: | APACHE CORPORATION | Recorded By: | M. HOLMES |
| Well: | E. BLINEBRY DRINKARD UNIT #31 | Witnessed By: | JAMES PYLE |
| Field: | DRINKARD | Truck Number: | 67 |
| County: | LEA | District: | ODESSA |
| State: | NEW MEXICO | Tool Number: | SPARTEK 1" |
| Injector | WATER | Test Type: | STEP RATE TESTS |
| Shut In Time: | NO INFO | <div style="border: 1px solid black; padding: 5px; display: inline-block;"> 30-025-06541 C 12 215 37E GWSi </div> | |
| Tool Depth | 5850' | | |
| Tubing Size: | 2 3/8 | | |
| Seat Nipple Depth: | 5785' TAIL PIPE | | |
| Perfs: | 5796-5996' | | |
| Plug Back Depth | 6025' | | |





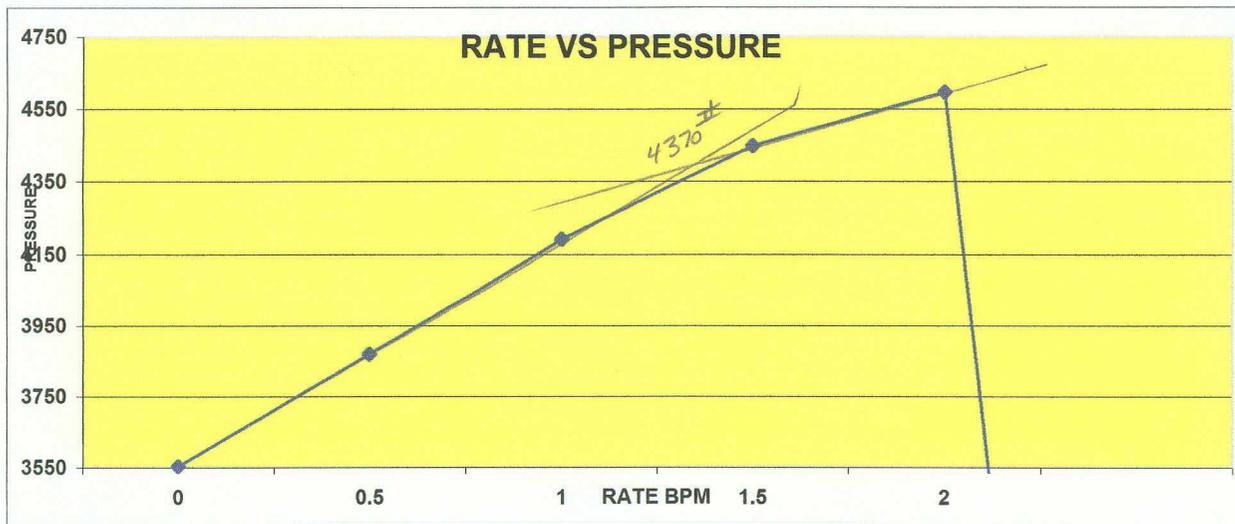
STEP RATE TEST

MONTY.HOLMES@GRAYWIRELINE.COM

| RATE BPM | Date | Time | BH Press | Surf Press | Comments |
|----------|------------|---------|----------|------------|------------------|
| 0 | 12/13/2007 | 2:26 PM | 3553 | 1000 | |
| 0.5 | 12/13/2007 | 3:00 PM | 3870 | 1650 | |
| 1 | 12/13/2007 | 3:30 PM | 4192 | 2125 | 2200 FRACTURE |
| 1.5 | 12/13/2007 | 4:00 PM | 4448 | 2600 | APPROX 4385 PSI |
| 2 | 12/13/2007 | 4:30 PM | 4596 | 3050 | |

| | | | |
|-------------------|------------------------------|---------------|-----------------|
| Company: | APACHE CORPORATION | Recorded By: | M. HOLMES |
| Well: | E. BLINEBRY DRINKARD UNIT #3 | Witnessed By: | JAMES PYLE |
| Field: | DRINKARD | Truck Number: | 67 |
| County: | LEA | District: | ODESSA |
| State: | NEW MEXICO | Tool Number: | SPARTEK 1" |
| Injector: | WATER | Test Type: | STEP RATE TESTS |
| Shut In Time: | NO INFO | | |
| Tool Depth: | 5900' | | |
| Tubing Size: | 2 3/8 | | |
| Packer/Tail pipe: | | | |
| Perfs: | | | |
| Plug Back Depth: | | | |

30-025-06325
13 1 215 37E



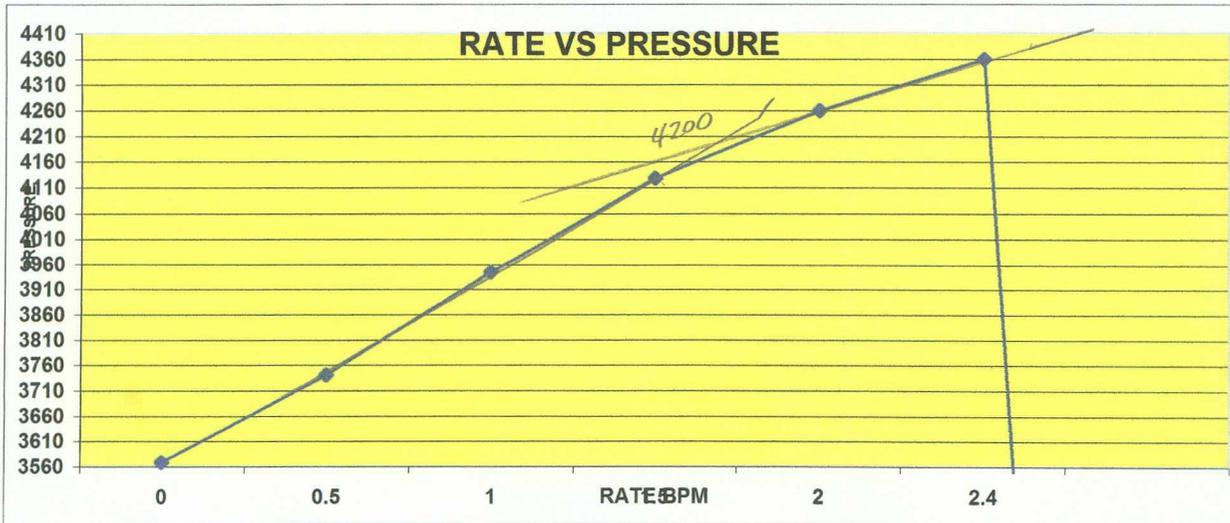


STEP RATE TESTS

MONTY.HOLMES@GRAYWIRELINE.COM

| RATE BPM | Date | Time | BH Press | Surf Press | Comments |
|----------|------------|----------|----------|------------|------------------|
| 0 | 12/20/2007 | 9:19 AM | 3569 | 1100 | |
| 0.5 | 12/20/2007 | 9:50 AM | 3742 | 1400 | |
| 1 | 12/20/2007 | 10:20 AM | 3946 | 1900 | |
| 1.5 | 12/20/2007 | 10:50 AM | 4129 | 2200 | FRACTURE POINT |
| 2 | 12/20/2007 | 11:20 AM | 4260 | 2400 | APPROX. 4160 PSI |
| 2.4 | 12/20/2007 | 11:50 AM | 4359 | 2900 | |

| | | | |
|--------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Company: | APACHE CORPORATION | Recorded By: | M. HOLMES |
| Well: | E. BLINEBRY DRINKARD UNIT #48 | Witnessed By: | JAMES PYLE |
| Field: | DRINKARD | Truck Number: | 67 |
| County: | LEA | District: | ODESSA |
| State: | NEW MEXICO | Tool Number: | SPARTEK 1" |
| Injector: | WATER | Test Type: | STEP RATE TESTS |
| Shut In Time: | NO INFO | <div style="border: 1px solid black; padding: 5px; display: inline-block;"> 30-025-06550 m 12 215 37E </div> | |
| Tool Depth: | 5800' | | |
| Tubing Size: | 2 3/8 | | |
| Seat Nipple Depth: | 5666' TAIL PIPE | | |
| Perfs: | 5720-5890' | | |
| Plug Back Depth: | TD 5919' | | |



Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Friday, February 01, 2008 9:27 AM
To: 'kevin.mayes@apachecorp.com'
Cc: Ezeanyim, Richard, EMNRD; Williams, Chris, EMNRD
Subject: Injection Pressure Increase application from Apache: East Blinebry Drinkard Unit (R-12394)

Hello Kevin:
Received your request and support docs.

For our files and to help in this evaluation, would you please send:

- 1) a lease plat with all injectors and producers spotted on it - and the 8 injectors with step-rate-tests circled.
- 2) a list of all 17 injection wells with stats about them, such as completion depths, latest injection rate and pressure, cumulative injection.
- 3) any discussion as to why these 8 wells were picked as representative and how the waterflood has changed to need more injection volumes, or is this just an attempt to accelerate the fillup or response? Is the current waterflood lagging behind the plan? Why is the perforation depths so much deeper in some wells? Were these 17 injection wells all approved by the same R-12394 or were some approved by waterflood expansion administrative orders?

Thank You,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

Jones, William V., EMNRD

From: Mayes, Kevin [Kevin.Mayes@usa.apachecorp.com]
Sent: Thursday, February 14, 2008 10:14 AM
To: Jones, William V., EMNRD
Cc: Ezeanyim, Richard, EMNRD; Williams, Chris, EMNRD; Mills, Clinton; Moreno, Mario; Curtis, Bob; Sullivan, Tim
Subject: Injection Pressure Increase application from Apache: East Blinebry Drinkard Unit (R-12394)
Attachments: Kevin - EBDU Plat.pdf; c108 spreadsheet - inj only - steprate test app.xls

Will,
 Sorry to take so long to respond. Below in red font are the answers to your questions.

Please call with any other questions or comments.

Kevin

-----Original Message-----

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]
Sent: Friday, February 01, 2008 10:27 AM
To: Mayes, Kevin
Cc: Ezeanyim, Richard, EMNRD; Williams, Chris, EMNRD
Subject: Injection Pressure Increase application from Apache: East Blinebry Drinkard Unit (R-12394)

Hello Kevin:
 Received your request and support docs.

For our files and to help in this evaluation, would you please send:

- 1) a lease plat with all injectors and producers spotted on it - and the 8 injectors with step-rate-tests circled. (See attached)
- 2) a list of all 47 18 injection wells with stats about them, such as completion depths, latest injection rate and pressure, cumulative injection. (See attached)
- 3) any discussion as to why these 8 wells were picked as representative (we wanted to do ½ the wells and spread them around the unit) and how the waterflood has changed to need more injection volumes, or is this just an attempt to accelerate the fillup or response? (just an attempt to accelerate fillup) Is the current waterflood lagging behind the plan? Why is the perforation depths so much deeper in some wells? (total unitized interval is approx 5500'-6600' with the Blinebry at 5500-6000 and the Drinkard 6300-6600. We took advantage of some wells just completed in Blinebry and some just Drinkard to ensure flooding of Drinkard) Were these 17 injection wells all approved by the same R-12394 or were some approved by waterflood expansion administrative orders? All were approved under R-12394. A subsequent administrative order was approved for well #57 (WFX-819). We would request its pressure allowable be raised also. The information for this well has been added to the attached spreadsheet.

Respectfully Submitted, Kevin

Thank You,

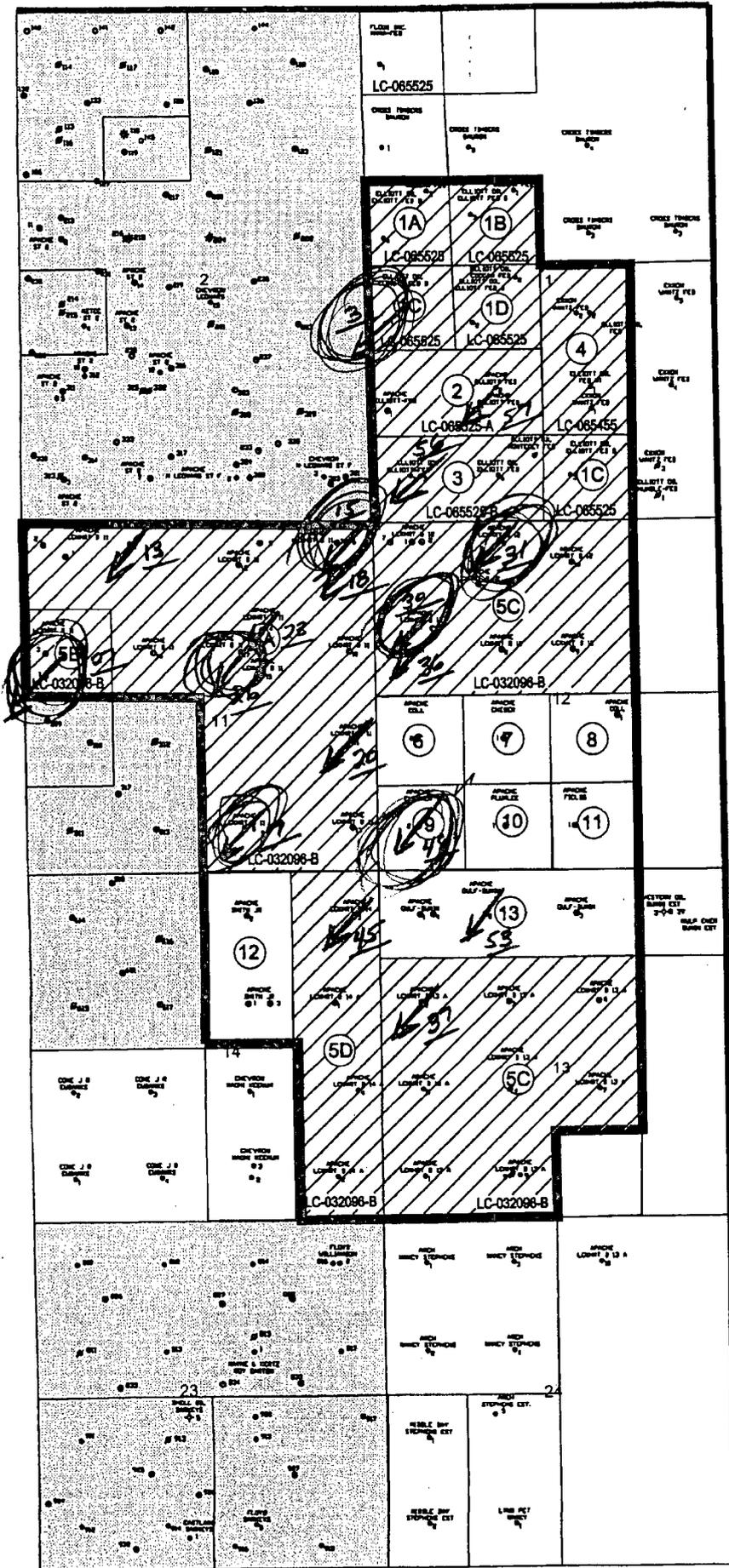
William V. Jones PE
 New Mexico Oil Conservation Division
 1220 South St. Francis
 Santa Fe, NM 87505
 505-476-3448

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2/14/2008

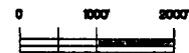
TOWNSHIP 21S, RANGE 37E, N.M.P.M.

EXHIBIT "A"
 EAST BLINEBRY DRINKARD UNIT
 LEA COUNTY, NEW MEXICO
 APACHE CORP., OPERATOR



LEGEND
 (11) UNIT TRACT NUMBER

| | ACREAGE | PERCENTAGE |
|-----------------------------------------------------------------------------------------------------------|---------|------------|
|  FEDERAL LANDS | 1640.00 | 78.85 |
|  PATENTED (FEE) LANDS | 440.00 | 21.15 |
| TOTALS | 2080.00 | 100% |



| nit # | LOCATION | FOOTAGE | TYPE | API | Current Inj Rate | | Current Inj Pressure | | Cum Injection | | COMPLETIONS & COMMENTS |
|-------|------------|--------------------|----------|----------------|------------------|------|----------------------|-------------------------------|---------------|--|------------------------|
| | | | | | bwpd | psi | psi | BW | | | |
| 3 | 1 21S 37E | 2970 FSL, 330 FWL | Injector | 30025063250000 | 160 | 1100 | 15,169 | 7/54 5880-5971 O.H. | | | |
| 56 | 1 21S 37E | 660 FSL, 810 FWL | Injector | 30025063340000 | 164 | 1094 | 15,911 | 10/52 5810-5987 O.H. | | | |
| | | | | | | | | 4/85 6964-7426 | | | |
| 13 | 11 21S 37E | 330 FNL, 1650 FWL | Injector | 30025064760003 | 453 | 11 | 67,074 | 1/52 7674-7776 | | | |
| | | | | | | | | 2/61 cibp 7500, 6960-7140 | | | |
| | | | | | | | | 11/63 5943-6077, ABO plugged? | | | |
| | | | | | | | | 1/68 6536-6730 | | | |
| 15 | 11 21S 37E | 330 FNL, 330 FEL | Injector | 30025065270000 | 170 | 1105 | 15,050 | 9/52 7636-7878 | | | |
| 17 | 11 21S 37E | 660 FSL, 1980 FEL | Injector | 30025064780001 | 813 | 17 | 84,819 | 1/67 6595-6766, cibp 6850 | | | |
| | | | | | | | | 9/59 6560-6650 | | | |
| | | | | | | | | 9/53 5604-5728 | | | |
| 18 | 11 21S 37E | 660 FNL, 330 FEL | Injector | 30025064790000 | 426 | 1100 | 42,812 | 4/54 5759-5852 | | | |
| 20 | 11 21S 37E | 1980 FSL, 330 FEL | Injector | 30025064810000 | 393 | 1023 | 40,674 | 4/56 5696-5898 | | | |
| | | | | | | | | 5/65 6523-6703 | | | |
| 23 | 11 21S 37E | 1650 FNL, 1650 FEL | Injector | 30025065290000 | 394 | 1068 | 40,674 | 7/57 5724-5894 | | | |
| 26 | 11 21S 37E | 1980 FNL, 1980 FEL | Injector | 30025065360000 | 285 | 1097 | 30,475 | 5/62 6790-7412, 6582-6708 | | | |
| 27 | 11 21S 37E | 2310 FNL, 660 FWL | Injector | 30025065350000 | 111 | 1100 | 15,173 | 3/53 6453-6570 O.H. | | | |
| 30 | 12 21S 37E | 1650 FNL, 660 FWL | Injector | 30025065390001 | 493 | 1038 | 51,860 | 7/53 8050-8150 | | | |
| | | | | | | | | 9/64 6601-6747 | | | |
| 31 | 12 21S 37E | 330 FNL, 1980 FWL | Injector | 30025065410000 | 367 | 1100 | 39,526 | 2/90 pb 5960, perf 5740-5952 | | | |
| | | | | | | | | 3/54 5796-5840 | | | |
| | | | | | | | | 1/83 5796-5996 | | | |
| 36 | 12 21S 37E | 1980 FNL, 660 FWL | Injector | 30025065460000 | 155 | 1100 | 15,036 | 3/56 5712-5908 | | | |
| 37 | 13 21S 37E | 1980 FNL, 660 FWL | Injector | 30025065560000 | 474 | 123 | 70,973 | 10/53 6622-6703 | | | |
| | | | | | | | | 6/55 5680-5890, pb 6250 | | | |
| 45 | 14 21S 37E | 660 FNL, 330 FEL | Injector | 30025065750000 | 205 | 840 | 19,152 | 7/56 5741-5877 | | | |
| 48 | 12 21S 37E | 660 FSL, 660 FWL | Injector | 30025065500000 | 279 | 1100 | 31,227 | 4/56 5720-5815 | | | |
| 53 | 13 21S 37E | 660 FNL, 1650 FWL | Injector | 30025065660000 | 405 | 1087 | 41,668 | 10/54 5702-5888 | | | |
| 57 | 1 21S 37E | 1650 FSL, 1650 FWL | Injector | 30025290610000 | 2/00 | 1000 | 2,000 | 2/85 7041-7462 | | | |
| | | | | | | | | 5/05 CIBP 6970 | | | |
| | | | | | | | | 11/06 5857-6235 | | | |