

|                   |          |                      |                     |             |         |
|-------------------|----------|----------------------|---------------------|-------------|---------|
| DATE IN<br>5/1/09 | SUSPENSE | ENGINEER<br>W. Jones | LOGGED IN<br>5/1/09 | TYPE<br>DHC | APP NO. |
|-------------------|----------|----------------------|---------------------|-------------|---------|

RECEIVED

ABOVE THIS LINE FOR DIVISION USE ONLY

2009 MAY 1 AM 11 09

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



30-025-39008  
Federal 26 A #3  
Fasken  
151416

## 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.

Kim Tyson  
Print or Type Name

Kim Tyson  
Signature

Regulatory Analyst  
Title

4-27-09  
Date

kimt@forl.com  
e-mail Address

District I  
1625 N. French Drive, Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Bravo 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

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

Fasken Oil and Ranch, Ltd. 303 W. Wall St., Ste. 1800, Midland, TX 79701

Operator

Address

Federal "26A"

3

P, Sec. 26, T18S, R33E

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 151416 Property Code \_\_\_\_\_ API No. 30-025-39008 Lease Type: ☒ Federal ☐ State ☐ Fee

| DATA ELEMENT   | UPPER ZONE<br><i>UNDES.</i>                        | INTERMEDIATE ZONE | LOWER ZONE<br><input checked="" type="checkbox"/>    |
|--|--|-------------------|--|
| Pool Name  | EK; Delaware                                       |                   | EK; Bone Springs <input checked="" type="checkbox"/> |
| Pool Code  | 21655  |                   | 21650  |
| Top and Bottom of Pay Section<br>(Perforated or Open-Hole Interval)  | Perforated<br>5267' - 5730'                        |                   | Perforated<br>8694' - 9790'                          |
| Method of Production<br>(Flowing or Artificial Lift)   | Artificial Lift                                    |                   | Artificial Lift                                      |
| Bottomhole Pressure<br>(Note: Pressure data will not be required if the bottom<br>perforation in the lower zone is within 150% of the<br>depth of the top perforation in the upper zone)       | Prod. BHP<br>145 psi                               |                   | Prod. BHP<br>270 psi                                 |
| Oil Gravity or Gas BTU<br>(Degree API or Gas BTU)  | 38° API  |                   | 34.5° API  |
| Producing, Shut-In or<br>New Zone  | New Zone   |                   | Producing  |
| Date and Oil/Gas/Water Rates of<br>Last Production.<br>(Note: For new zones with no production history,<br>applicant shall be required to attach production<br>estimates and supporting data.) | Date: N/A<br>Rates: 65 bopd<br>33 bwpd<br>70 mcfpd | Date:<br>Rates:   | Date: 4-13-09<br>Rates: 8 bopd<br>28 bwpd<br>7 mcfpd |
| Fixed Allocation Percentage<br>(Note: If allocation is based upon something other<br>than current or past production, supporting data or<br>explanation will be required.)                     | Oil 88 % Gas 89 %                                  | Oil % Gas %       | Oil 12 % Gas 11 %                                    |

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐  
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 Kim Tyson TITLE Regulatory Analyst DATE 4-27-09

TYPE OR PRINT NAME Kim Tyson TELEPHONE NO. ( 432 ) 687-1777

E-MAIL ADDRESS kimt@forl.com

## District I

1625 N. French Dr., Hobbs, NM 88240

## District II

1301 W. Grand Avenue, Artesia, NM 88210

## District III

1000 Rio Brazos Rd., Aztec, NM 87410

## District IV

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

## State of New Mexico

Energy, Minerals &amp; Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|   |  |  |
|---|--|--|
| <sup>1</sup> API Number<br>30-025-39008 | <sup>2</sup> Pool Code<br>21650                          | <sup>3</sup> Pool Name<br>EK; Bone Springs |
| <sup>4</sup> Property Code              | <sup>5</sup> Property Name<br>Federal "26A"              | <sup>6</sup> Well Number<br>3              |
| <sup>7</sup> OGRID No.<br>151416        | <sup>8</sup> Operator Name<br>Fasken Oil and Ranch, Ltd. | <sup>9</sup> Elevation<br>3823'            |

<sup>10</sup> Surface Location

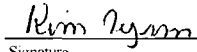
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P             | 26      | 18S      | 33E   |         | 510'          | South            | 510'          | East           | Lea    |

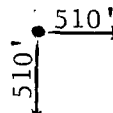
<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                     |                               |                                  |                         |
|-------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>80 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> 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.

|    |  |  |  |   |
|----|--|--|--|---|
| 16 |  |  |  | <sup>17</sup> <b>OPERATOR CERTIFICATION</b><br><i>I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i><br> <div>Signature</div> <div>4-27-09</div> <div>Date</div> <div>Kim Tyson</div> <div>Printed Name</div> |
|    |  |  |  |   |
|    |  |  |  |   |
|    |  |  |  |   |
|    |  |  |  | <sup>18</sup> <b>SURVEYOR CERTIFICATION</b><br><i>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.</i><br><div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor:</div> <div>Certificate Number</div>  |
|    |  |  |  |   |
|    |  |  |  |   |
|    |  |  |  |   |



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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

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☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|   |  |  |
|---|--|--|
| <sup>1</sup> API Number<br>30-025-39008 | <sup>2</sup> Pool Code<br>21655                          | <sup>3</sup> Pool Name<br>EK; Delaware |
| <sup>4</sup> Property Code              | <sup>5</sup> Property Name<br>Federal "26A"              | <sup>6</sup> Well Number<br>3          |
| <sup>7</sup> OGRID No.<br>151416        | <sup>8</sup> Operator Name<br>Fasken Oil and Ranch, Ltd. | <sup>9</sup> Elevation<br>3823'        |

<sup>10</sup> Surface Location

|                    |               |                 |              |         |                       |                           |                       |                        |               |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>P | Section<br>26 | Township<br>18S | Range<br>33E | Lot Idn | Feet from the<br>510' | North/South line<br>South | Feet from the<br>510' | East/West line<br>East | County<br>Lea |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> 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 |
| <sup>12</sup> Dedicated Acres<br>40 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> 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.

|    |  |  |  |  |  |
|----|--|--|--|--|--|
| 16 |  |  |  |  | <sup>17</sup> <b>OPERATOR CERTIFICATION</b><br>I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.<br><br><u>Kim Tyson</u> 4-27-09<br>Signature      Date<br><br>Kim Tyson<br>Printed Name |
|    |  |  |  |  |  |
|    |  |  |  |  |  |
|    |  |  |  |  | <sup>18</sup> <b>SURVEYOR CERTIFICATION</b><br>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.<br><br>Date of Survey<br>Signature and Seal of Professional Surveyor:<br><br>Certificate Number   |
|    |  |  |  |  |  |
|    |  |  |  |  |  |

510'

510'

## **Fasken Oil and Ranch, Ltd.**

### **Federal 26 "A" No. 3**

### **Application for Downhole Commingling**

#### Additional Data

A production curve for the Bone Springs is attached and averaged 9 bopd and 9 mcfpd in March 2009. Production for the Delaware zone in this well is not available since it has yet to be opened. However, a production projection curve was created based upon normalized EK Delaware production and nearby offset wells (more specifically the Edith Federal No. 3). Furthermore, log calculations were performed and compared to the Federal 26 "A" No. 3 to help in predicting the expected production rates.

Based on the information stated above and shown on attached pages, the production allocation for the Delaware and Bone Springs should be as follows:

|                 |         |     |          |     |
|-----------------|---------|-----|----------|-----|
| EK Delaware     | 65 bopd | 88% | 70 mcfpd | 89% |
| EK Bone Springs | 9 bopd  | 12% | 9 mcfpd  | 11% |

All working, royalty and overriding interests in this well are common and therefore, no notice is required.

**Recommended Bone Spring Completion Procedure**  
**Federal 26 A No. 3**  
**510' FSL & 510' FEL**  
**Sec 31, T-18-S, Range 33-E**  
**API #30-025-39008**  
**A.F.E. No.**

**OBJECTIVE:**

Comingle Delaware and Bone Springs

**WELL DATA:**

|                                    |   |
|------------------------------------|---|
| 13-3/8" 48 H-40&54.5# K-55 casing: | Set at 1531.06' w/ 950 sx, circ 96 sx cement  |
| 8-5/8" 32# J-55:                   | Set at 3098.01' w/1050 sx, circ 209 sx cement   |
| 5-1/2" 17# J-55&N-80 LT&C casing:  | Set at 9950.66', DV Tool @ 6391.59', 1 <sup>st</sup> stage cmt w/650 sx, cir. mud flush.; 2 <sup>nd</sup> stage cmt w/775 sx – TOC 2008' by TS. Marker jts @ 5192.31', 9389.55' |
| Current Bone Springs Perfs:        | 9775-90, 9468-75, 9127-32, 9075-80, 8694-8704   |
| Tubing:                            | 2-3/8" @ 8505'. SN @ 8469'  |
| KB:                                | 17.5'   |
| TD:                                | 9970'   |
| PBTD:                              | 9902.94' FC   |

1. Set and receive half-frac flowback tank on location. Build flowline from wellhead to workover tank.
2. RUPU. Unseat pump and POW with rods and LD pump. Visually inspect rods while POW, and LD any damaged or pitted rods. Sent pump into shop for inspection.
3. NDWH and NU 7-1/16" 3k manual BOP equipped with 2-3/8" pipe rams and blind rams.
4. Unseat TAC and POW with tubing.
5. RUWL and RIW composite plug and set at +/- 5900'. Run 2000' (minimum) of GR correlation log +/-6000'-4000' correlated to Baker Hughes Compensated Z-Densilog, Compensated Neutron Log, Spectralog, Gamma Ray Log dated 11-Aug-2008.
6. RIW with 2-3/8" collar, 2-3/8" sn, and 2-3/8" tubing to put end of tubing @ 5740'. RU pump truck and displace well with 2% Kcl water and spot 500 gallons of 7-1/2% double-inhibited NEFE HCl acid containing 5 gpt Ferrotrol 300-L, 6 gpt Ferrotrol 270, 2 gpt Ferrotrol 271, 1 gpt CI-27, 1/2 gpt Claymaster 5C, 1 gpt NE 940, 2 gpt LT-21 @ 5740'. Displace spot acid with 2% KCl water. POW with tubing.
7. RUWL and perforate Delaware Cherry Canyon w/ 3-1/8" slick casing gun as follows:

**5702'-30' w/ 1 JSPF, 60 degree phased, 0.40" EH, 29h**

Total - 29 holes. POW w/ WL, make sure all shots fired and RDWL.

8. RU pump truck on casing and displace spot acid into perforations using 12 bbls of 2% KCl water at 3 bpm and 2000 psi maximum pressure. Record ISIP, 5", 10", & 15" shut-in pressures. Report results to Midland Office.
9. RIW with 5-1/2"x2-3/8" treating packer, SN and 2-3/8" EUE N-80 8rd tubing to +/-5650' and set packer in 14 pts compression.
10. Swab back spent acid and evaluate hourly fluid entry rates.
11. Release packer and POW with 2-3/8" tubing.

12. ND BOP, NU 5K Downing wellhead isolation tool, 5k frac valve, and flowback equipment. RU pump truck and test 9-5/8" x 5-1/2" annulus to 1,000 psi for 20". Report results to Midland Office.
13. Set 4 - 500 bbl clean frac tanks. Fill each to maximum capacity with 2% powdered KCl water.
14. RU Service Company. RU backside pump truck and pressure 5-1/2" x 9-5/8" annulus to 1000 psi and monitor throughout job. Frac Delaware in two stages via 5-1/2" casing according to frac proposal to follow. **Max allowable surface treating pressure = 4,300 psi (80% of 17#/ft J-55 IYP of 5320 psi):**

**Stage 1:**

- a. Frac *Delaware Cherry Canyon* perms 5702' - 30' spearheading 1,000 gals of 7-1/2% HCl acid + frac design to follow. On flush spot 1,000 gallons 7-1/2% HCL acid (blend as above) at 8435'-9435'.
- b. RUWL. RIW w/ Weatherford 5-1/2" composite plug and 3-1/8" slick casing gun and set 6k composite **plug at +/- 5450'**. Perforate *Delaware Bell Canyon* as follows:

*Delaware Bell Canyon @ 5356' - 87' w/1 JSPF, 60 degree phased, 0.40" EH, Total - 32 holes.* Correlate perms to GR/CCL strip log obtained from above. POW w/ WL, make sure all shots fired and RDWL.

**Stage 2:**

- a. Frac *Delaware Bell Canyon* perms 5356'-87' spearheading 1,000 gal 7-1/2% HCl + frac design to follow. On flush spot 1,000 gallons 7-1/2% HCL acid (blend as above) at 5300'-5200'.

RUWL. RIW w/ Weatherford 5-1/2" composite plug and 3-1/8" slick casing gun and **set Weatherford 6k composite plug at +/- 5320'**. Perforate *Delaware Dolomite Stray @ 5267' - 78' w/1 JSPF, 60 degree phased, 0.40" EH, Total - 12 holes.*

15. Use frac company pump truck to displace spot acid into Delaware dolomite perforations with 24 bbls 2% KCl water. Record ISIP, 5", 10", and 15" shut-in pressures. RD frac company and wireline service company. ND Frac Valve and 5-1/2" wellhead isolation tool and NU BOP.
16. RIW with 5-1/2"x2-3/8" treating packer, SN and 2-3/8" EUE N-80 8rd tubing to +/-5200' and set packer in 14 pts compression.
17. Swab back acid load and evaluate hourly fluid entry rates from *Delaware Dolomite Stray*.
18. An acid ball job recommendation will be provided if further stimulation is required. POW with tubing and packer.
19. NU BIW stripper rubber and RU reverse unit and RIW w/ 4-3/4" Smith D-2 mill, seating nipple, and tubing to top of composite plug at +/- 5320'. RU XH flowback manifold with double chokes and flowback iron with plug catcher on inlet side of manifold, and lay line to reverse pit, and test tank.
20. Drill out composite bridge plugs at 5320', 5450', and 5900'. Circulate well clean after each plug and check for sand entry while circulating. Continue RIW and clean out to PBTD 9,902' and circulate well clean. **Note flow rate and pressure after drilling each plug and report on daily drilling reports.**

21. POW with tubing and LD BHA.

22. RIW with production tubing and rods according to recommendation to follow. Hang well on bridle and put well back on production.

23. Clean location and wellhead.

24. Report daily well test to Midland office on drilling reports.

CSL



# EK Delaware Log Characteristics

| Well Name                | Depth<br>SS | First<br>Production<br>Date | Cum Oil<br>to<br>11/2008 | Cum Gas<br>to 11/2008 | Cum Wtr<br>to 11/2008 | Daily Oil<br>Average<br>11/2008 | Pay<br>>10%<br>Por | Deep<br>Resistivity | Avg<br>Por | Sw   | Frac Sizes    | Relationship to<br>Fed 26A3 |
|--------------------------|-------------|-----------------------------|--------------------------|-----------------------|-----------------------|---------------------------------|--------------------|---------------------|------------|------|---------------|-----------------------------|
| Federal 26 A 3           | -1860       |                             |                          |                       |                       |                                 | 28                 | 13                  | 12.06      | 48.5 |               |                             |
| McElvain 5               |             | 3/8/2004                    | 94669                    | 1238454               | 49756                 | 50                              | 50                 | 15                  | 13         | 42.1 |               | Better                      |
| McElvain 6               | -1770       | 12/22/2006                  | 54467                    | 111139                | 2037                  | 76                              | 63                 | 9                   | 15         | 47.1 | 66108 gallons | Better                      |
| McElvain 7 (Bell Canyon) | -1507       | 11/5/2007                   | 59214                    | 42412                 | 708                   | 119                             | 24                 | 6.5                 | 20         | 41.6 | 54544 gallons | Better                      |
| McElvain 8               |             | 12/14/2007                  | 3803                     | 3688                  | 10181                 | 9                               | 9                  |                     |            |      | 56552 gallons | Unknown                     |
| McElvain 9               | -1737       | 11/8/2007                   | 8329                     | 61010                 | 456                   | 21                              | 12                 | 15                  | 11         | 49.8 |               | Worse                       |
| Archie Federal 1         | -1720       | 2/27/2004                   | 12842                    | 7019                  | 19445                 | 3                               | 10                 | 15                  | 9          | 60   | 122000#       | Worse                       |
| Edith Federal 3          | -1726       | 8/18/2000                   | 59681                    | 47666                 | 4645                  | 10                              | 34                 | 13                  | 12         | 49   | 17800 gallons | Equal                       |
| Edith Federal 4          | -1771       | 4/14/2003                   | 142004                   | 155914                | 7940                  | 37                              | 84                 | 10-16               | 10-15      | 48   | 122000#       | Worse                       |

# Rate/Time Graph

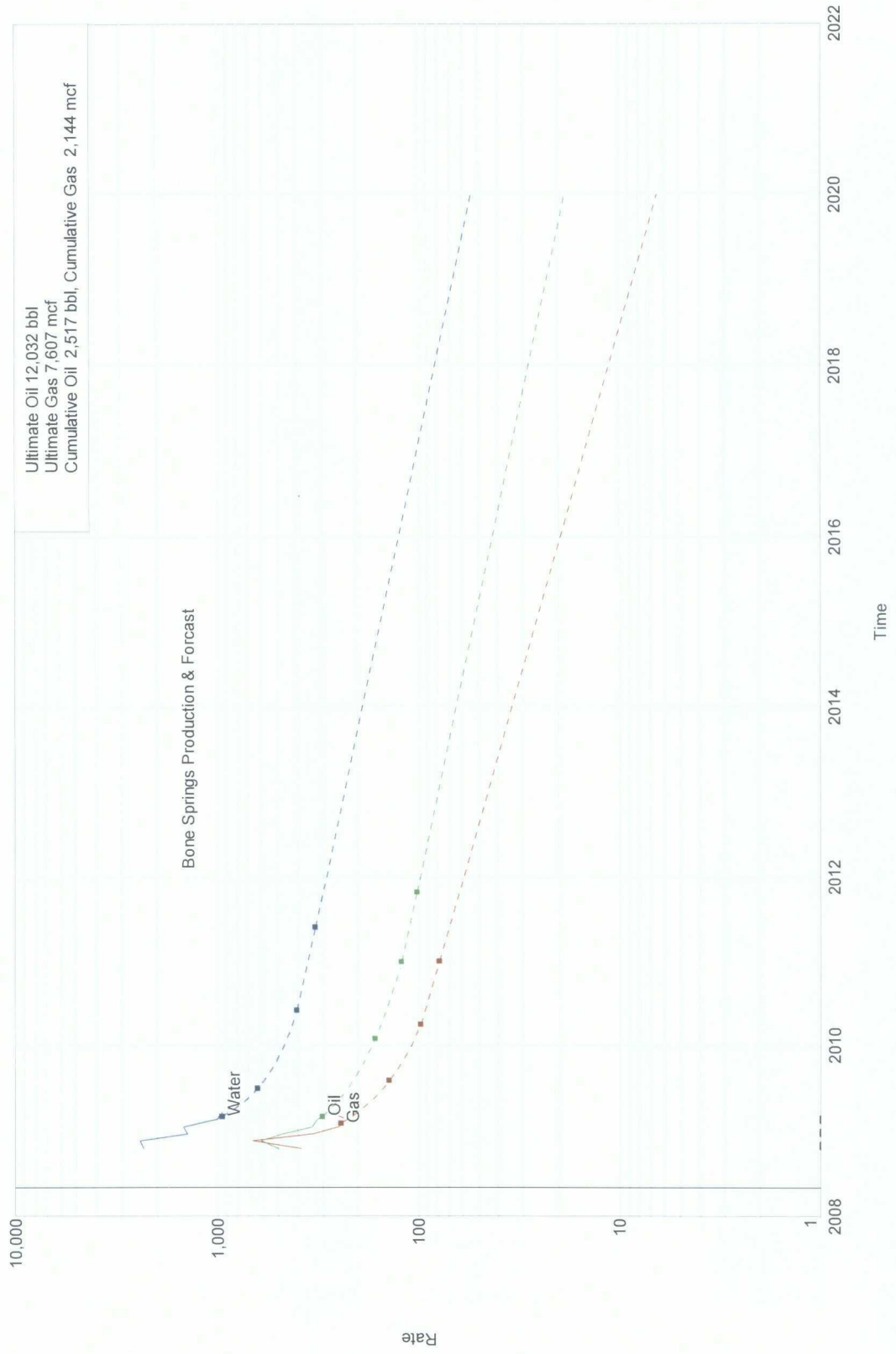
Lease Name: FEDERAL 26 A (3)  
County, ST: LEA, NM  
Location: 26P 18S 33E SE SE SE

Project: j:\piapps\dwights\ptools90\projects\cs\lfederal 26 a 3.mdb

Date: 4/15/2009  
Time: 2:48 PM

Operator: FASKEN OIL AND RANCH LTD  
Field Name: E-K

## FEDERAL 26 A - E-K



# Rate/Time Graph

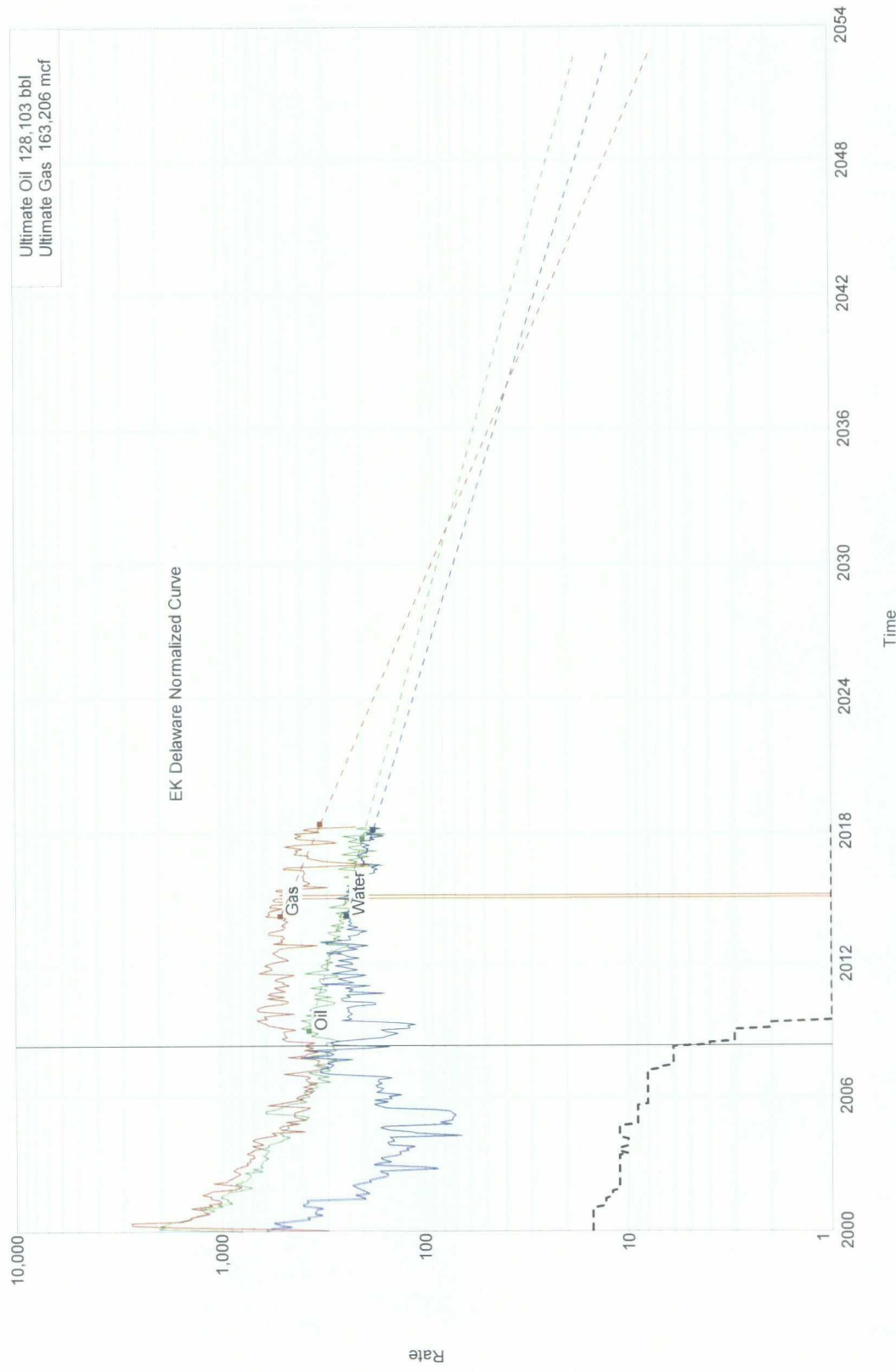
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County, ST: ,  
Location: 0-0-0

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Operator:  
Field Name:

Date: 4/15/2009  
Time: 3:36 PM

## EK DELAWARE NORMALIZED -



# Rate/Time Graph

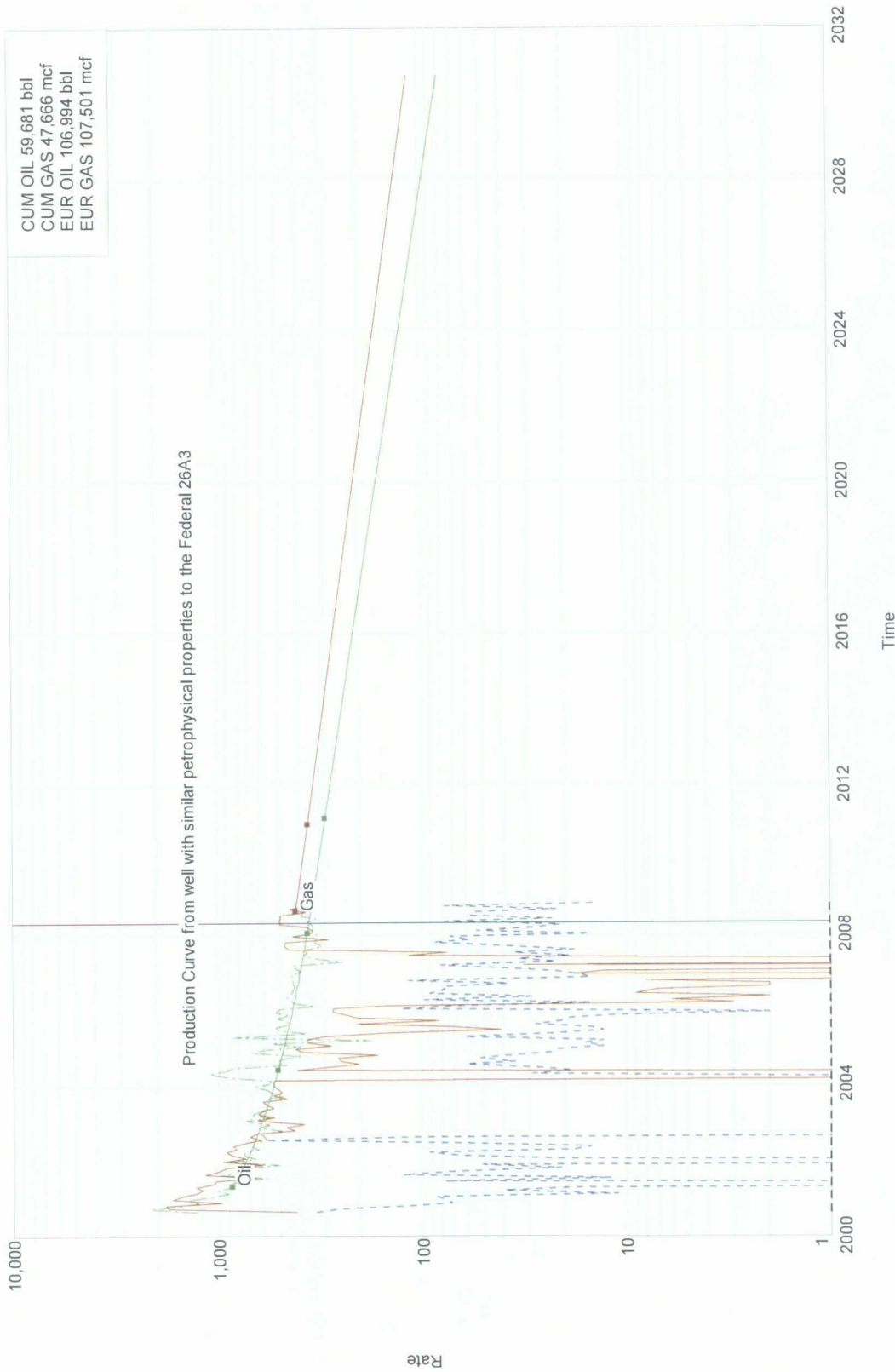
Lease Name: EDITH FEDERAL (3)  
County, ST: LEA, NM  
Location: 25E 18S 33E S2 SW NW

Project: j:\piapps\dwights\ptools90\projects\cs\lfederal 26 a 3.mdb

Date: 4/15/2009  
Time: 3:49 PM

Operator: CHESAPEAKE OPERATING INCORPORATED  
Field Name: E-K

EDITH FEDERAL - E-K



# Rate/Time Graph

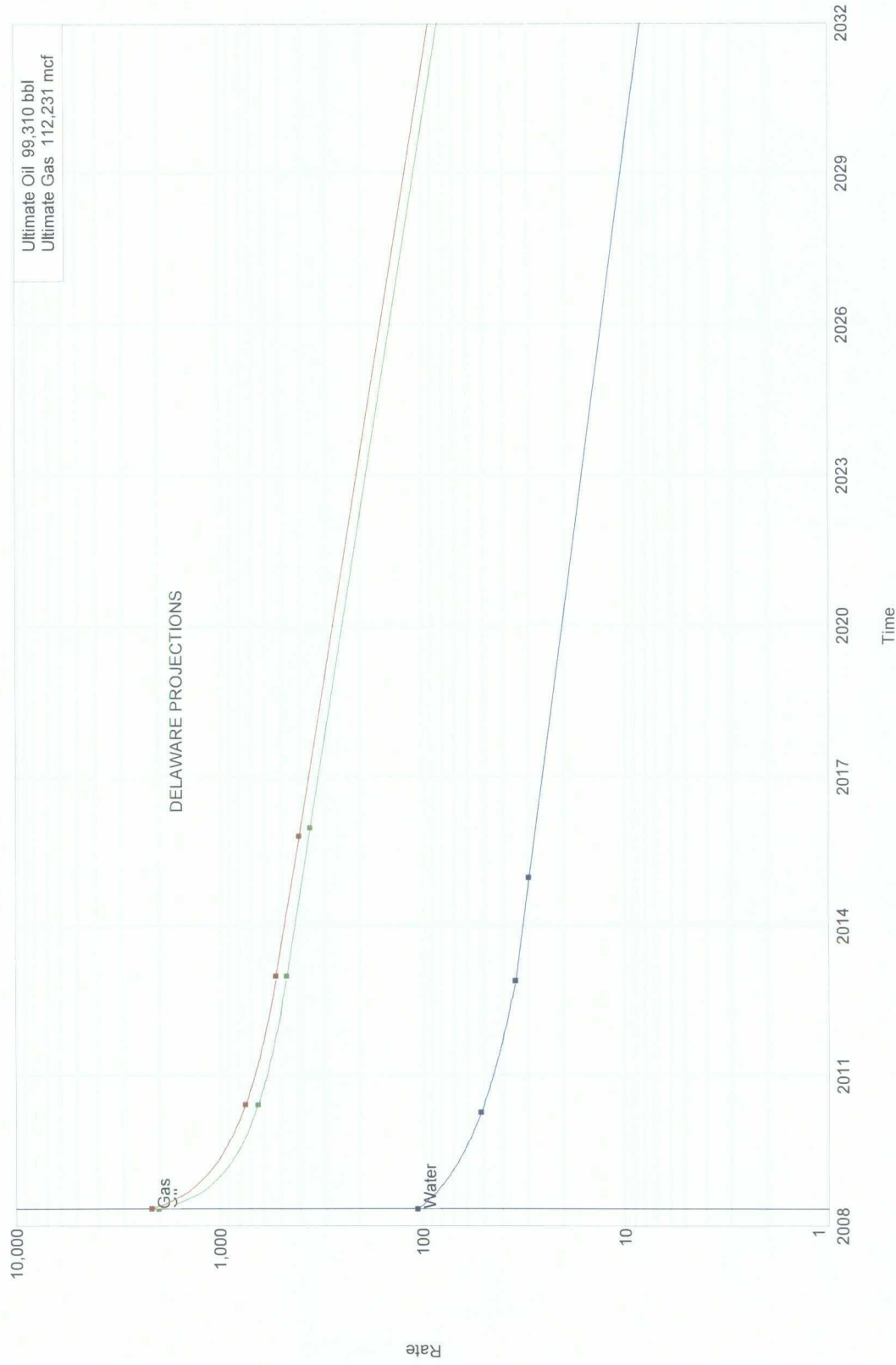
Lease Name: FEDERAL 26-A (3)  
County, ST: LEA, NM  
Location: 26N 18S 33E SE SW

Project: j:\piapps\dwrights\ptools90\projects\cs\lfederal 26 a 3.mdb

Operator: FASKEN OIL & RANCH, LTD  
Field Name: E-K

Date: 4/15/2009  
Time: 3:56 PM

FEDERAL 26-A - E-K



**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
*(Domestic Mail Only; No Insurance Coverage Provided)*

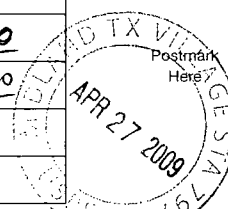
OFFICIAL USE

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

1.17

2.70

2.20



Sent To

Street, Apt. No.,  
or PO Box No.

City, State, ZIP+4

**BUREAU OF LAND MANAGEMENT**  
**620 E GREEN ST**  
**CARLSBAD NM 88220-6292**

PS Form 3800, January 2001

See Reverse for Instructions

0001 0320 0004 3745 1320