

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

|  |   |   |
|--|---|---|
| <b>APPLICATION FOR PERMIT TO DRILL</b>   |   | <b>1. WELL NAME and NUMBER</b><br>North Duck Creek 359-25   |
| <b>2. TYPE OF WORK</b><br>DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>                |   | <b>3. FIELD OR WILDCAT</b><br>NATURAL BUTTES  |
| <b>4. TYPE OF WELL</b><br>Gas Well Coalbed Methane Well: NO  |   | <b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>  |
| <b>6. NAME OF OPERATOR</b><br>EOG Resources, Inc.  |   | <b>7. OPERATOR PHONE</b><br>435 781-9111  |
| <b>8. ADDRESS OF OPERATOR</b><br>600 17th Street, Suite 1000 N, Denver, CO, 80202  |   | <b>9. OPERATOR E-MAIL</b><br>kaylene_gardner@eogresources.com   |
| <b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b><br>UTU9613   | <b>11. MINERAL OWNERSHIP</b><br>FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> |   |
| <b>12. SURFACE OWNERSHIP</b><br>FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>    |   | <b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>  |
| <b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>   |   | <b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>   |
| <b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>  |   | <b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b><br>UTE INDIAN TRIBE   |
| <b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b><br>YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/> |   | <b>19. SLANT</b><br>VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> |

| 20. LOCATION OF WELL            | FOOTAGES         | QTR-QTR | SECTION | TOWNSHIP | RANGE  | MERIDIAN |
|---------------------------------|------------------|---------|---------|----------|--------|----------|
| LOCATION AT SURFACE             | 697 FSL 1997 FEL | SWSE    | 25      | 8.0 S    | 21.0 E | S        |
| Top of Uppermost Producing Zone | 697 FSL 1997 FEL | SWSE    | 25      | 8.0 S    | 21.0 E | S        |
| At Total Depth                  | 697 FSL 1997 FEL | SWSE    | 25      | 8.0 S    | 21.0 E | S        |

|  |  |   |
|--|--|---|
| <b>21. COUNTY</b><br>UINTAH  | <b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b><br>697                                    | <b>23. NUMBER OF ACRES IN DRILLING UNIT</b><br>1920   |
| <b>24. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b><br>40 | <b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b><br>40 | <b>26. PROPOSED DEPTH</b><br>MD: 10770 TVD: 10770   |
| <b>27. ELEVATION - GROUND LEVEL</b><br>4731  | <b>28. BOND NUMBER</b><br>NM2308   | <b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b><br>Water Right # 49-225 (A31368) |

| Hole, Casing, and Cement Information |           |             |           |        |                |             |                                    |       |       |        |
|--------------------------------------|-----------|-------------|-----------|--------|----------------|-------------|------------------------------------|-------|-------|--------|
| String                               | Hole Size | Casing Size | Length    | Weight | Grade & Thread | Max Mud Wt. | Cement                             | Sacks | Yield | Weight |
| SURF                                 | 12.25     | 9.625       | 0 - 2900  | 36.0   | J-55 ST&C      | 0.0         | Type III                           | 185   | 4.1   | 10.5   |
|                                      |           |             |           |        |                |             | Type V                             | 135   | 1.18  | 15.6   |
| PROD                                 | 7.875     | 4.5         | 0 - 10770 | 11.6   | P-110 LT&C     | 10.5        | Halliburton Premium , Type Unknown | 225   | 1.61  | 12.5   |
|                                      |           |             |           |        |                |             | 50/50 Poz                          | 250   | 1.47  | 13.5   |

**ATTACHMENTS**

**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

|  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                 |
| <input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)       | <input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER |
| <input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)    | <input checked="" type="checkbox"/> TOPOGRAPHICAL MAP                      |

|  |                                       |  |
|--|---------------------------------------|--|
| <b>NAME</b> Kaylene Gardner                  | <b>TITLE</b> Regulatory Administrator | <b>PHONE</b> 435 781-9111  |
| <b>SIGNATURE</b>                             | <b>DATE</b> 11/04/2011                | <b>EMAIL</b> kaylene_gardner@eogresources.com  |
| <b>API NUMBER ASSIGNED</b><br>43047521820000 | <b>APPROVAL</b>                       | <br>Permit Manager |

# T8S, R21E, S.L.B.&M.

EOG RESOURCES, INC.

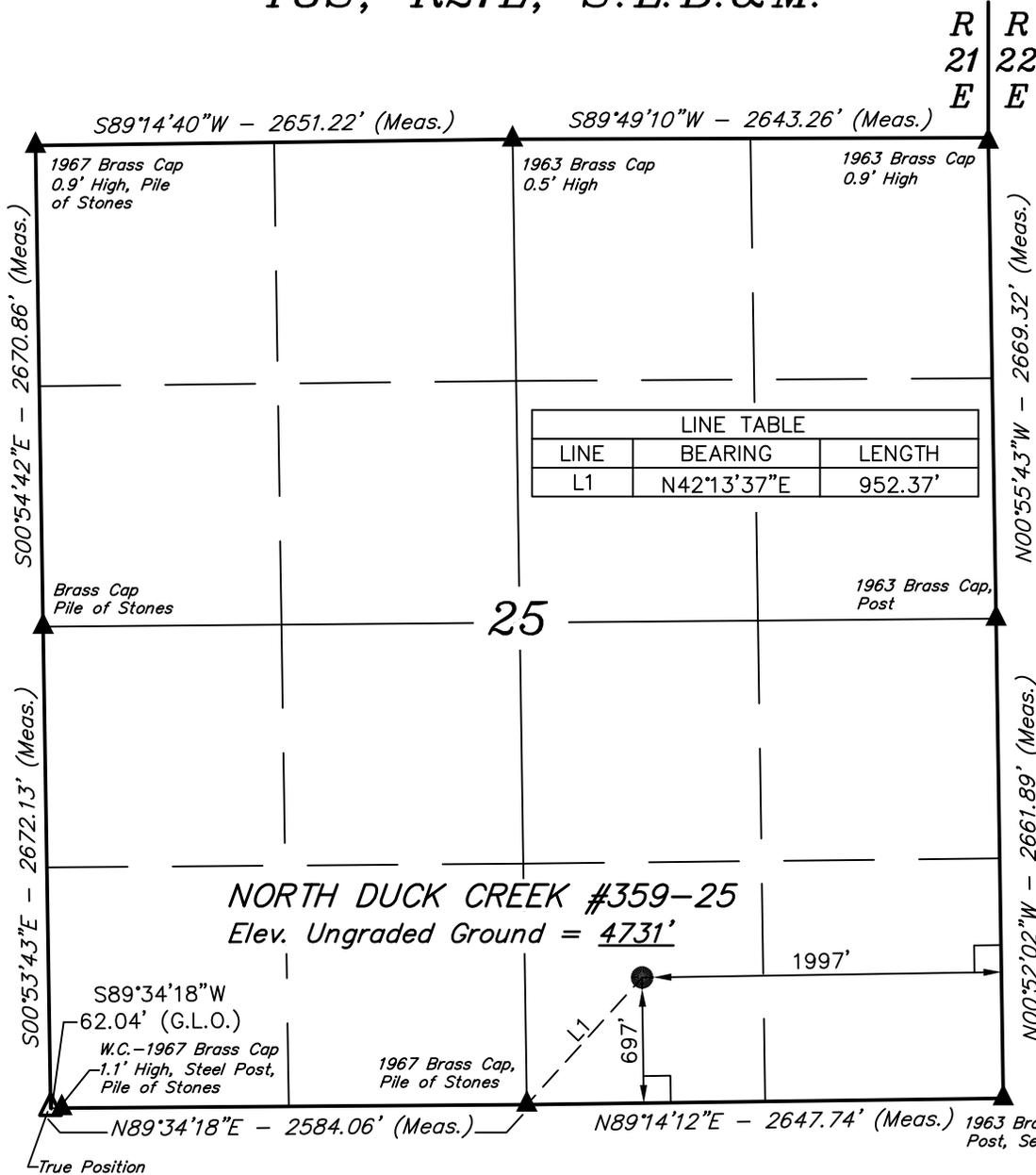
Well location, NORTH DUCK CREEK #359-25, located as shown in the SW 1/4 SE 1/4 of Section 25, T8S, R21E, S.L.B.&M., Uintah County, Utah.

## BASIS OF ELEVATION

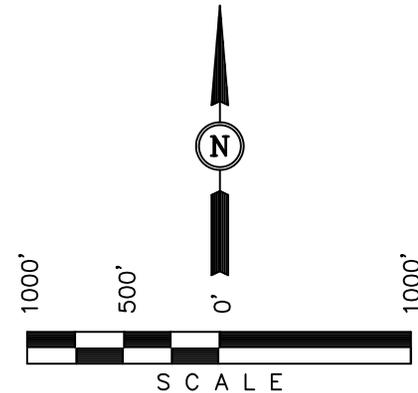
BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



| LINE TABLE |              |         |
|------------|--------------|---------|
| LINE       | BEARING      | LENGTH  |
| L1         | N42°13'37\"E | 952.37' |



## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE = 40°05'20.65" (40.089069)  
 LONGITUDE = 109°29'58.09" (109.499469)  
 (NAD 27)  
 LATITUDE = 40°05'20.78" (40.089106)  
 LONGITUDE = 109°29'55.61" (109.498781)

|                         |                             |                         |
|-------------------------|-----------------------------|-------------------------|
| SCALE<br>1" = 1000'     | DATE SURVEYED:<br>11-19-10  | DATE DRAWN:<br>12-02-10 |
| PARTY<br>G.S. J.T. K.O. | REFERENCES<br>G.L.O. PLAT   |                         |
| WEATHER<br>COLD         | FILE<br>EOG RESOURCES, INC. |                         |