

**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> North Duck Creek 353-34
<b>2. TYPE OF WORK</b> 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> NATURAL BUTTES
<b>4. TYPE OF WELL</b> Gas Well      Coalbed Methane Well: NO		<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>
<b>6. NAME OF OPERATOR</b> EOG Resources, Inc.		<b>7. OPERATOR PHONE</b> 435 781-9111
<b>8. ADDRESS OF OPERATOR</b> 600 17th Street, Suite 1000 N, Denver, CO, 80202		<b>9. OPERATOR E-MAIL</b> kaylene_gardner@eogresources.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU38407	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b> UTE INDIAN TRIBE		<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>
<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		<b>19. SLANT</b> 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	660 FNL 660 FWL	NWNW	34	8.0 S	21.0 E	S
Top of Uppermost Producing Zone	660 FNL 660 FWL	NWNW	34	8.0 S	21.0 E	S
At Total Depth	660 FNL 660 FWL	NWNW	34	8.0 S	21.0 E	S

<b>21. COUNTY</b> UINTAH	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 660	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 120
<b>27. ELEVATION - GROUND LEVEL</b> 4794	<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 4290	<b>26. PROPOSED DEPTH</b> MD: 12175 TVD: 12175
	<b>28. BOND NUMBER</b> NM2308	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 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 - 3100	36.0	J-55 ST&C	0.0	Type III	200	4.1	10.5
							Type V	135	1.18	15.6
Prod	7.875	4.5	0 - 12175	11.6	P-110 LT&C	10.5	Halliburton Premium , Type Unknown	225	1.61	12.5
							50/50 Poz	225	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> 43047521730000	<b>APPROVAL</b>	 Permit Manager

**EOG RESOURCES, INC.**

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

Well location, NORTH DUCK CREEK #353-34, located as shown in the NW 1/4 NW 1/4 of Section 34, T8S, R21E, S.L.B.&M., Uintah County, Utah.

1967 Brass Cap  
0.4' High, Mound  
of Stones

N89°58'00"W - 2663.92' (Meas.)

S89°33'03"W - 2665.28' (Meas.)

1967 Brass Cap  
0.4' High, Steel  
Post

1967 Brass Cap  
0.4' High, Steel  
Post

**NORTH DUCK CREEK #353-34**  
Elev. Ungraded Ground = 4794'

S00°07'15"E - 2657.40' (Meas.)

N00°10'38"W - 2655.73' (Meas.)

1967 Brass Cap  
1.0' High, Pile  
of Stones

**34**

1967 Brass Cap  
0.6' High, Steel  
Post

S00°25'W - 2626.80' (G.L.O.)

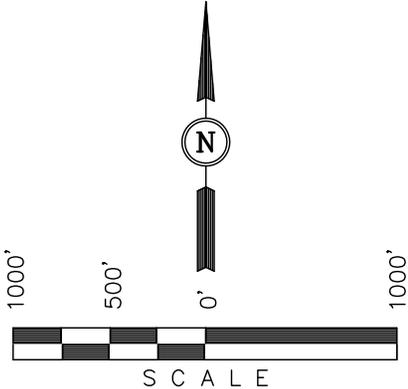
N00°15'E - 2628.12' (G.L.O.)

**T8S**

S89°44'W - 2668.38' (G.L.O.)

S89°44'W - 2671.68' (G.L.O.)

**T9S**



**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°05'06.15" (40.085042)  
LONGITUDE = 109°32'49.05" (109.546958)  
(NAD 27)  
LATITUDE = 40°05'06.28" (40.085078)  
LONGITUDE = 109°32'46.57" (109.546269)

SCALE 1" = 1000'	DATE SURVEYED: 11-29-10	DATE DRAWN: 12-04-10
PARTY G.S. T.H. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE EOG RESOURCES, INC.	