

**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> Horn 1-17M
<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> WILDCAT
<b>4. TYPE OF WELL</b> Test 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 Ste 1000N, Denver, CO, 80202		<b>9. OPERATOR E-MAIL</b> kaylene_gardner@egoresources.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> ML53030	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" 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 type="checkbox"/> STATE <input checked="" 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>		<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	2502 FNL 2390 FWL	SEnw	17	40.0 S	22.0 E	S
Top of Uppermost Producing Zone	2502 FNL 2390 FWL	SEnw	17	40.0 S	22.0 E	S
At Total Depth	2502 FNL 2390 FWL	SEnw	17	40.0 S	22.0 E	S

<b>21. COUNTY</b> SAN JUAN	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 2390	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 0
<b>27. ELEVATION - GROUND LEVEL</b> 4693	<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 0	<b>26. PROPOSED DEPTH</b> MD: 6400 TVD: 6400
	<b>28. BOND NUMBER</b> 6196017	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Municipal

**Hole, Casing, and Cement Information**

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 1600	24.0	J-55 ST&C	9.4	Type III	415	2.21	12.5
							Type III	280	1.55	14.3
PROD	7.875	5.5	0 - 6400	15.5	K-55 LT&C	9.8	50/50 Poz	540	1.52	12.5
							Type V	280	1.15	15.8

**ATTACHMENTS**

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

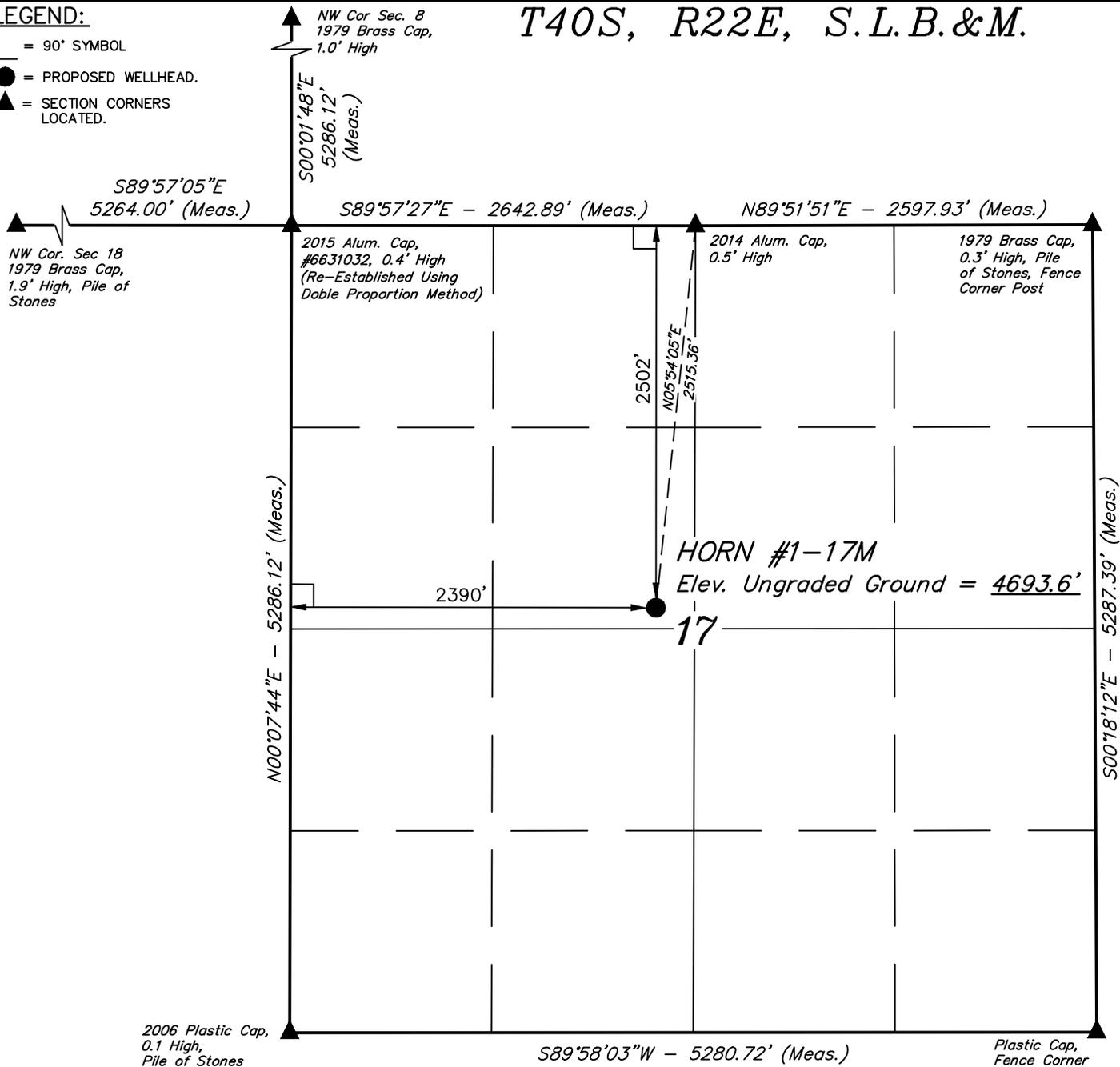
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN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

<b>NAME</b> Mickenzie Larsen	<b>TITLE</b> Regulatory Administrator	<b>PHONE</b> 435 781-9145
<b>SIGNATURE</b>	<b>DATE</b> 12/02/2015	<b>EMAIL</b> mickenzie_larsen@egoresources.com
<b>API NUMBER ASSIGNED</b> 43037500740000	<b>APPROVAL</b>  Permit Manager	

**LEGEND:**

- = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = SECTION CORNERS LOCATED.

# T40S, R22E, S.L.B.&M.



<b>NAD 83 (SURFACE LOCATION)</b>
LATITUDE = 37°18'35.12" (37.309756)
LONGITUDE = 109°31'20.73" (109.522425)
<b>NAD 27 (SURFACE LOCATION)</b>
LATITUDE = 37°18'35.11" (37.309753)
LONGITUDE = 109°31'18.30" (109.521750)
<b>STATE PLANE NAD 83 (UTAH SOUTH)</b>
N: 10082740.64 E: 2215530.02
<b>STATE PLANE NAD 27 (UTAH SOUTH)</b>
N: 240239.29 E: 2575324.13



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



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

**BASIS OF ELEVATION**

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 17, T40S, R22E, S.L.B.&M. TAKEN FROM THE BLUFF QUADRANGLE, UTAH, SAN JUAN COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHIC) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4762 FEET.



**EOG RESOURCES, INC.**

**HORN #1-17M**  
**SE 1/4 NW1/4, SECTION 17, T40S, R22E, S.L.B.&M.**  
**SAN JUAN COUNTY, UTAH**

SURVEYED BY: B.H., C.R.	SURVEY DATE: 08-26-15
DRAWN BY: S.S.	DATE DRAWN: 08-27-15
SCALE: 1" = 1000'	REVISED: 09-10-15



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017

**WELL LOCATION PLAT**