

**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> RW H1-24-16B
<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> RED WASH
<b>4. TYPE OF WELL</b> Gas Well Coalbed Methane Well: NO		<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> RED WASH
<b>6. NAME OF OPERATOR</b> QEP ENERGY COMPANY		<b>7. OPERATOR PHONE</b> 303 595-5919
<b>8. ADDRESS OF OPERATOR</b> 11002 East 17500 South, Vernal, Ut, 84078		<b>9. OPERATOR E-MAIL</b> julie.jacobson@qepres.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UT SL ML 3037	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> QEP ENERGY COMPANY		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b> 435-781-4331
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> 11002 EAST 17500 SOUTH, VERNAL, UT 84078		<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b> Jan.Nelson@qepres.com
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</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 type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	362 FSL 2355 FWL	SESW	16	7.0 S	23.0 E	S
Top of Uppermost Producing Zone	362 FSL 2355 FWL	SESW	16	7.0 S	23.0 E	S
At Total Depth	460 FNL 2596 FWL	NENW	16	7.0 S	23.0 E	S

<b>21. COUNTY</b> UINTAH	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 362	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40
<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 380	<b>26. PROPOSED DEPTH</b> MD: 15884 TVD: 11192	
<b>27. ELEVATION - GROUND LEVEL</b> 5647	<b>28. BOND NUMBER</b> 965010695	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 49-251/49-2153

**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 - 3949	40.0	J-55 LT&C	11.2	Halliburton Premium , Type Unknown	420	1.16	15.8
							Halliburton Light , Type Unknown	880	2.21	12.0
							Halliburton Premium , Type Unknown	50	1.16	15.8
I1	8.75	7	0 - 11447	29.0	HCP-110 LT&C	11.2	Halliburton Light , Type Unknown	815	2.087	13.5
							Halliburton Premium , Type Unknown	400	1.57	13.5
PROD	6.125	4.5	0 - 15884	15.1	Unknown	11.4	No Used	0	0.0	0.0

**ATTACHMENTS**

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

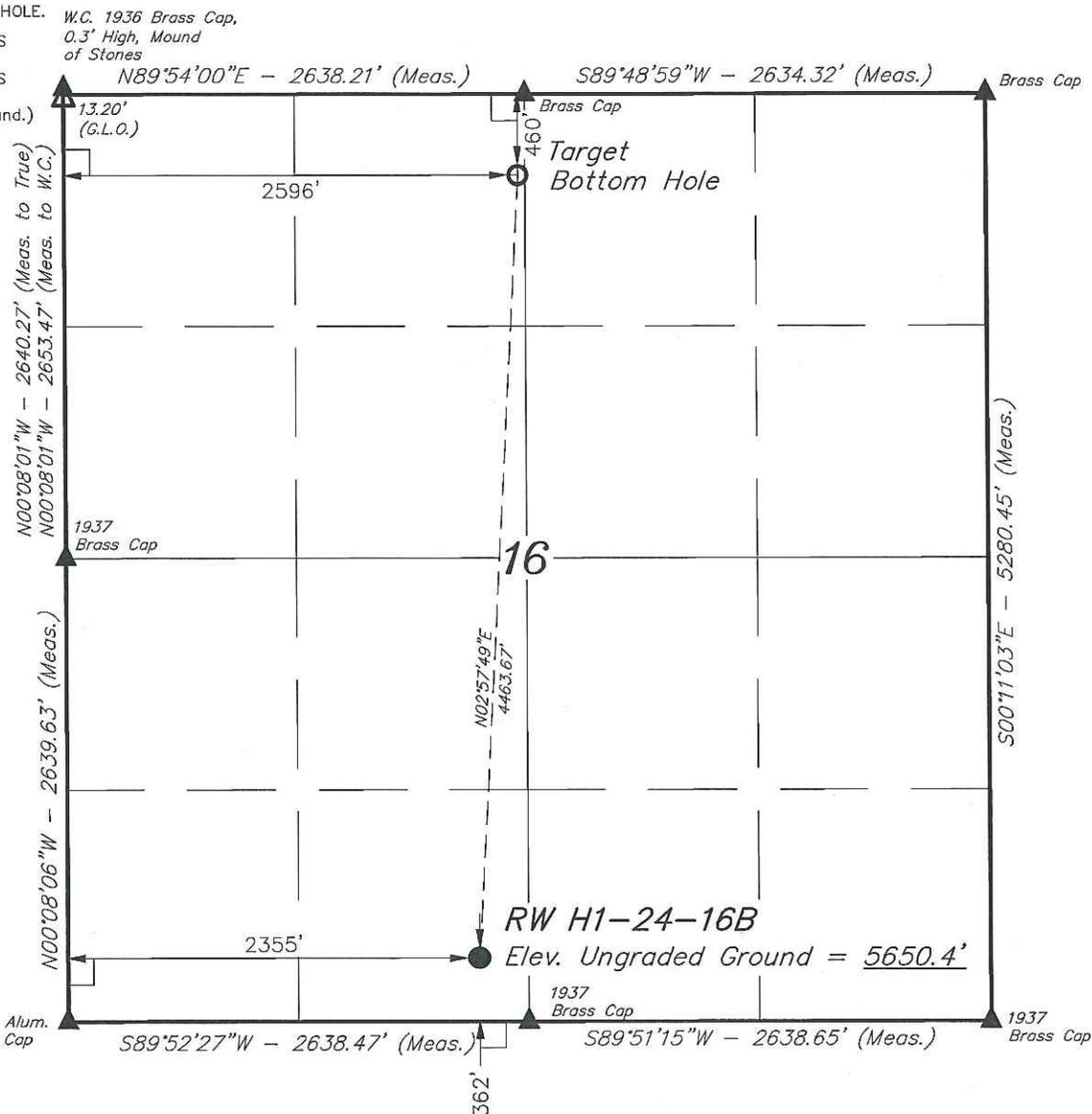
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS 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> Jan Nelson	<b>TITLE</b> Permit Agent	<b>PHONE</b> 435 781-4331
<b>SIGNATURE</b>	<b>DATE</b> 11/12/2015	<b>EMAIL</b> jan.nelson@qepres.com
<b>API NUMBER ASSIGNED</b> 43047554920000	<b>APPROVAL</b>   Permit Manager	

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

# T7S, R23E, S.L.B.&M.



**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.



<b>NAD 83 (TARGET BOTTOM HOLE)</b>	<b>NAD 83 (SURFACE LOCATION)</b>
LATITUDE = 40°12'55.81" (40.215503)	LATITUDE = 40°12'11.77" (40.203269)
LONGITUDE = 109°19'56.28" (109.332300)	LONGITUDE = 109°19'59.35" (109.333153)
<b>NAD 27 (TARGET BOTTOM HOLE)</b>	<b>NAD 27 (SURFACE LOCATION)</b>
LATITUDE = 40°12'55.94" (40.215539)	LATITUDE = 40°12'11.90" (40.203306)
LONGITUDE = 109°19'53.82" (109.331617)	LONGITUDE = 109°19'56.90" (109.332472)
<b>STATE PLANE NAD 83 (UT. CEN.)</b>	<b>STATE PLANE NAD 83 (UT. CEN.)</b>
N: 7254557.77 E: 2245705.50	N: 7250097.43 E: 2245574.87

**BASIS OF BEARINGS**

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

**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.

**QEP ENERGY COMPANY**

**RW H1-24-16B**  
**SE 1/4 SW 1/4, SECTION 16, T7S, R23E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

SURVEYED BY: B.H., C.R.	SURVEY DATE: 09-09-15
DRAWN BY: J.L.	DATE DRAWN: 10-07-15
SCALE: 1" = 1000'	REVISED: 00-00-00

**WELL LOCATION PLAT**



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

