

**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> AFU 64-19-11
<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> UNDESIGNATED
<b>4. TYPE OF WELL</b> Gas Well      Coalbed Methane Well: NO		<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> ASHLEY FOREST
<b>6. NAME OF OPERATOR</b> VANTAGE ENERGY UINTA LLC		<b>7. OPERATOR PHONE</b> 303 386-8600
<b>8. ADDRESS OF OPERATOR</b> 116 Inverness Drive East, Ste 107, Englewood , CO, 80112		<b>9. OPERATOR E-MAIL</b> john.moran@vantageenergy.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU78210	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	<b>12. SURFACE 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>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>	<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 checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	100 FSL 479 FWL	SWSW	18	6.0 S	4.0 W	U
Top of Uppermost Producing Zone	138 FNL 535 FWL	NWNW	19	6.0 S	4.0 W	U
At Total Depth	660 FNL 660 FWL	NWNW	19	6.0 S	4.0 W	U

<b>21. COUNTY</b> DUCHESNE	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 479	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 1920
<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 5333	<b>26. PROPOSED DEPTH</b> MD: 11800 TVD: 11760	
<b>27. ELEVATION - GROUND LEVEL</b> 7740	<b>28. BOND NUMBER</b> UTB000288	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 49-1501

**Hole, Casing, and Cement Information**

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	24	16	0 - 50	0.0	No Pipe Used	0.0	No Used	0	0.0	0.0
Surf	12.25	9.625	0 - 1500	36.0	J-55 ST&C	0.0	Premium Lite High Strength	216	2.9	11.0
							Class G	205	1.61	14.2
Prod	7.875	4.5	0 - 11800	11.6	HCP-110 LT&C	10.0	Type V	543	3.82	11.0
							50/50 Poz	490	1.26	14.2

**ATTACHMENTS**

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

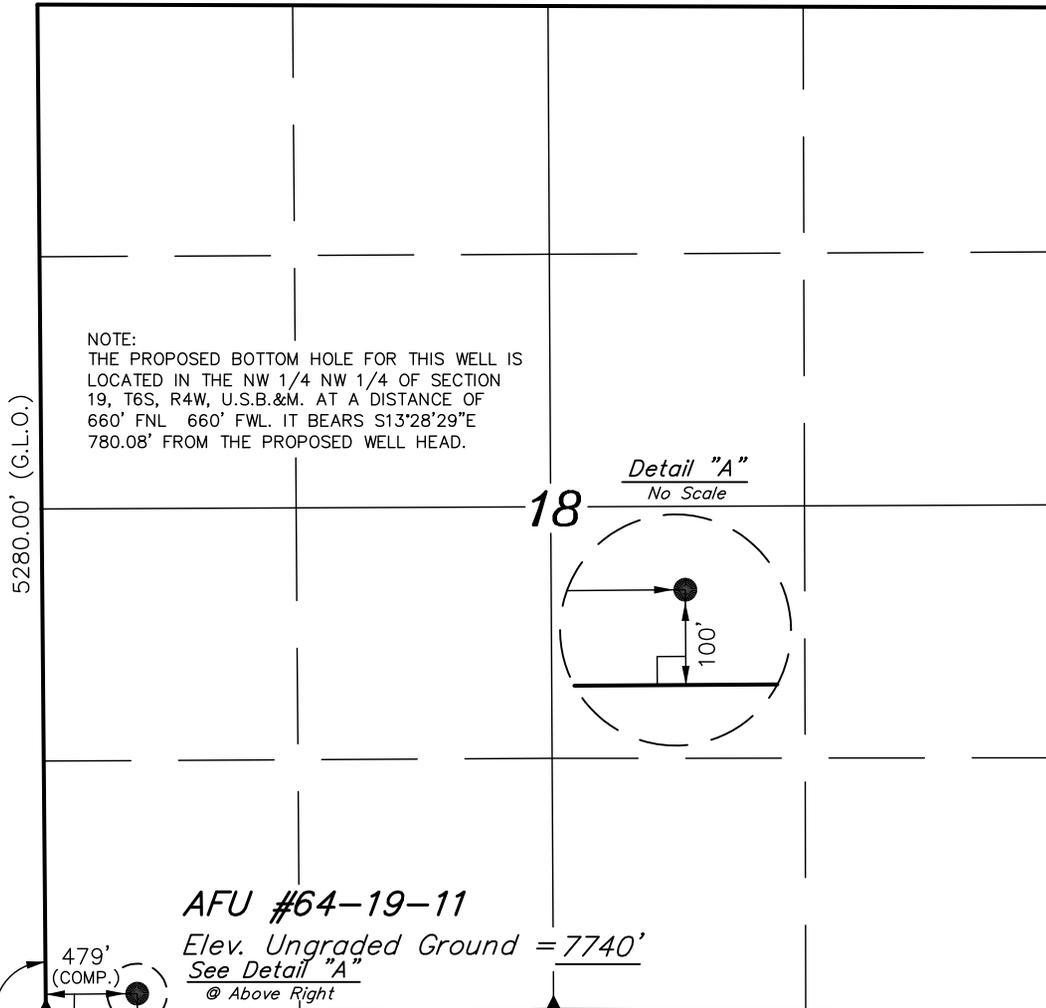
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN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

<b>NAME</b> Andrea Gross	<b>TITLE</b> Project Coordinator	<b>PHONE</b> 303 941-0506
<b>SIGNATURE</b>	<b>DATE</b> 07/06/2016	<b>EMAIL</b> agross@upstreampm.com
<b>API NUMBER ASSIGNED</b> 43013533420000	<b>APPROVAL</b>   Permit Manager	

# T6S, R4W, U.S.B.&M.

# Vantage Energy Uinta LLC

S89°50'E - 5270.76' (G.L.O.)



NOTE:  
THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN THE NW 1/4 OF SECTION 19, T6S, R4W, U.S.B.&M. AT A DISTANCE OF 660' FNL 660' FWL. IT BEARS S13°28'29"E 780.08' FROM THE PROPOSED WELL HEAD.

Detail "A"  
No Scale

18

AFU #64-19-11

Elev. Ungraded Ground = 7740'

See Detail "A"  
@ Above Right

479' (COMP.)  
269°54' (G.L.O.)  
S89°37'07"W - 2659.14' (Meas.)  
Set Mark Stone, 0.8' High, Pile of Stones 269

Set Mark Stone, 1.0' High, Pile of Stones

S89°54'E - 2642.64' (G.L.O.)

N00°01'E - 5280.00' (G.L.O.)

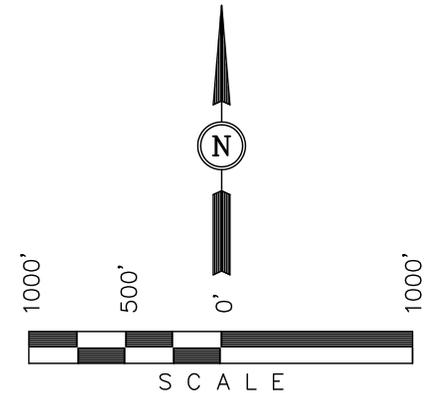
Well location, AFU #64-19-11 (SURFACE LOCATION), located as shown in the SW 1/4 SW 1/4 of Section 18, T6S, R4W, U.S.B.&M., Duchesne County, Utah.

## BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M. TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FEET.

## BASIS OF BEARINGS

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



## 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

## LEGEND:

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

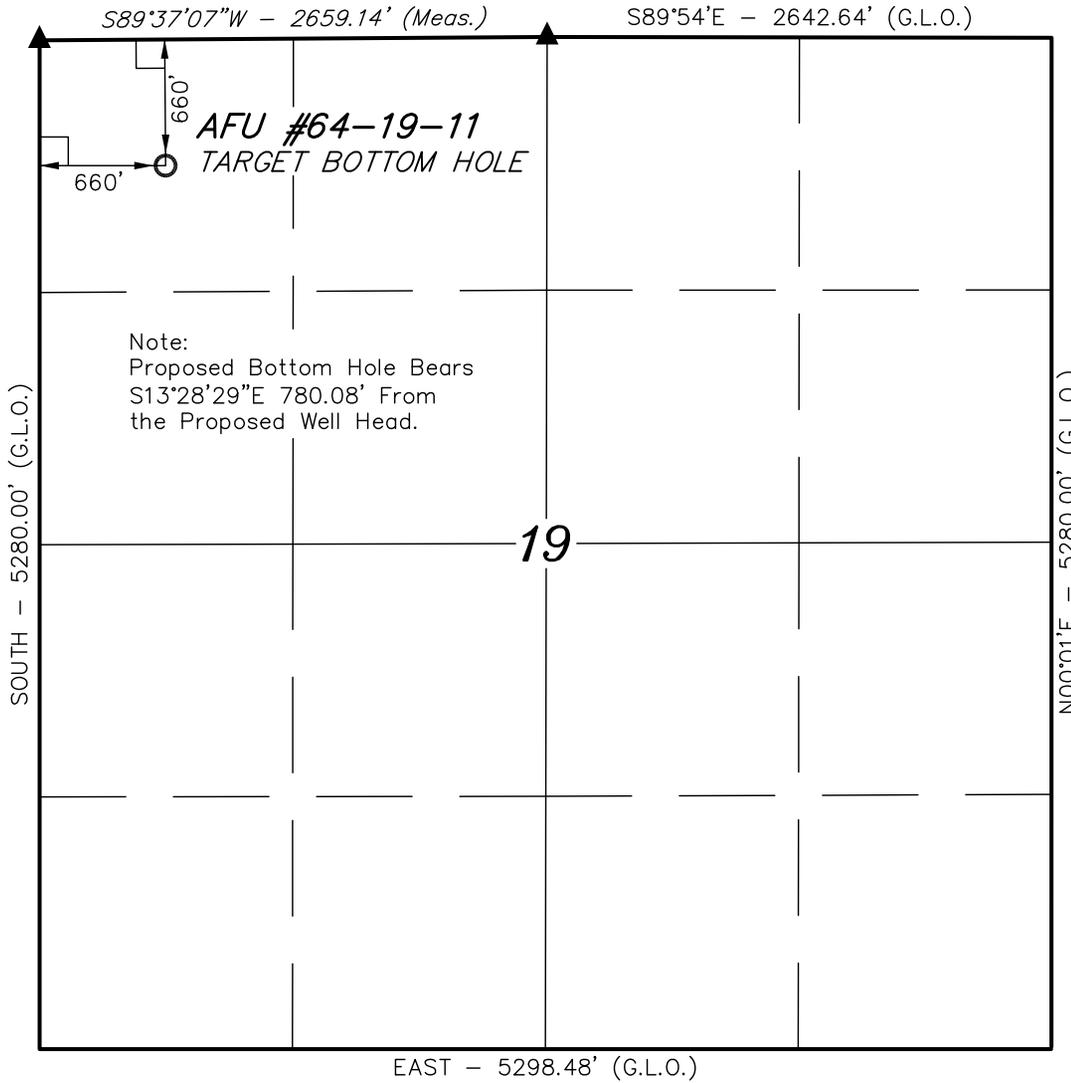
NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°57'10.71" (39.952975)	
LONGITUDE = 110°23'07.22" (110.385339)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°57'10.85" (39.953014)	
LONGITUDE = 110°23'04.66" (110.384628)	

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 12-15-08	DATE DRAWN: 12-31-08
PARTY D.R. M.A. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE Vantage Energy Uinta LLC	

# T6S, R4W, U.S.B.&M.

# Vantage Energy Uinta LLC

Well location, AFU #64-19-11 (TARGET BOTTOM HOLE), located as shown in the NW 1/4 NW 1/4 of Section 19, T6S, R4W, U.S.B.&M., Duchesne County, Utah.

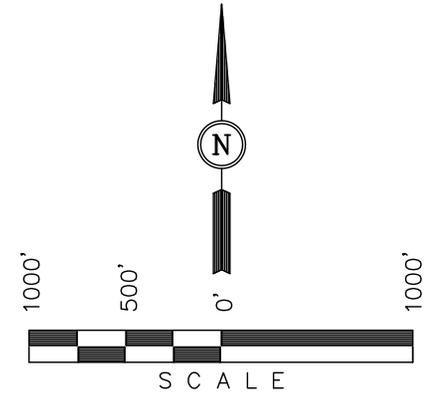


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<b>NAD 83 (TARGET BOTTOM HOLE)</b>
LATITUDE = 39°57'03.22" (39.950894)
LONGITUDE = 110°23'04.89" (110.384692)
<b>NAD 27 (TARGET BOTTOM HOLE)</b>
LATITUDE = 39°57'03.36" (39.950933)
LONGITUDE = 110°23'02.33" (110.383981)

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 12-15-08	DATE DRAWN: 12-31-08
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