

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

FORM 3

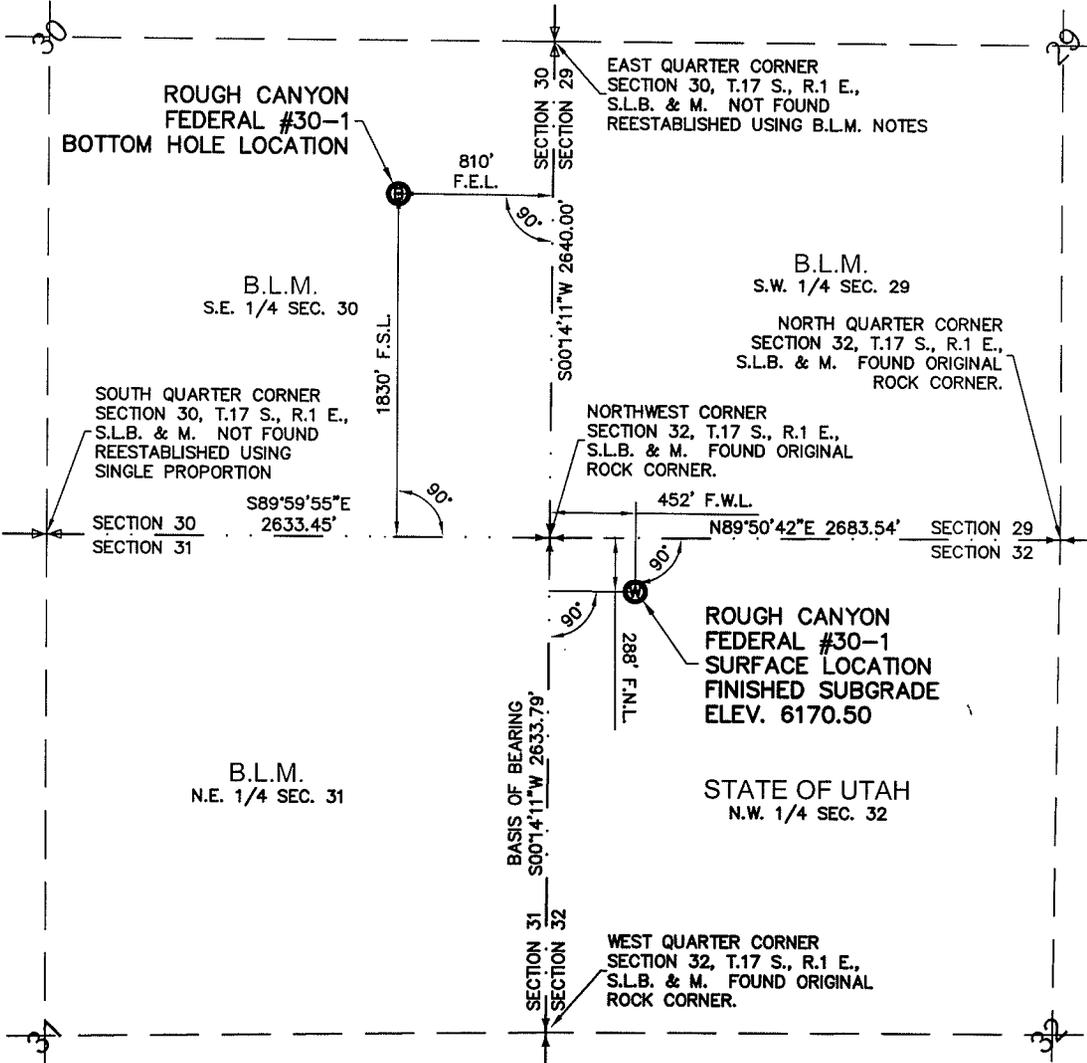
AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Rough Canyon Federal 30-1	
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT	
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME	
6. NAME OF OPERATOR WOLVERINE OPERATING COMPANY OF UTAH, LLC						7. OPERATOR PHONE 435 896-1943	
8. ADDRESS OF OPERATOR 1140 N. Centennial Park Dr., Richfield, UT, 84701						9. OPERATOR E-MAIL ciron@wolvgas.com	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-82536			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')	
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')	
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT 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	288 FNL 452 FWL	NWNW	32	17.0 S	1.0 E	S	
Top of Uppermost Producing Zone	1830 FSL 810 FEL	NESE	30	17.0 S	1.0 E	S	
At Total Depth	1830 FSL 810 FEL	NESE	30	17.0 S	1.0 E	S	
21. COUNTY SANPETE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 810			23. NUMBER OF ACRES IN DRILLING UNIT 40	
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 0			26. PROPOSED DEPTH MD: 12800 TVD: 12400	
27. ELEVATION - GROUND LEVEL 6171			28. BOND NUMBER BLM WYB000616			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 63-3169	
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 checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)				<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
NAME Charles Irons			TITLE Senior Landman			PHONE 435 896-1943	
SIGNATURE			DATE 04/20/2010			EMAIL ciron@wolvgas.com	
API NUMBER ASSIGNED 43039500030000			APPROVAL  Permit Manager				

Part of Sections 29, 30, 31, & 32, T.17 S., R.1 E., S.L.B. & M.

PROJECT Wolverine Operating Company of Utah, LLC.

WELL LOCATION, LOCATED AS SHOWN IN THE N.W. 1/4 OF THE
N.W. 1/4 OF SECTION 32, T.17 S., R.1 E., S.L.B. & M.
SANPETE COUNTY, UTAH



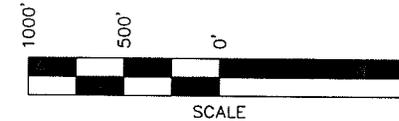
LEGEND

- ⊕ = SECTION CORNERS LOCATED
- ⊕ = QUARTER SECTION CORNERS LOCATED
- ⊕ = REESTABLISHED SECTION CORNERS
- ⊕ = REESTABLISHED QUARTER SECTION CORNERS
- ⊕ = PROPOSED WELL HEAD
- ⊕ = PROPOSED BOTTOM HOLE LOCATION

NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT THE ROUGH CANYON FEDERAL #30-1 LOCATION. LOCATED IN THE N.W. 1/4 OF THE N.W. 1/4 OF SECTION 32, T.17 S., R.1 E., S.L.B. & M., SANPETE COUNTY, UTAH.

BASIS OF ELEVATION

ELEVATION BASED ON N.A.V.D. 88



CERTIFICATE

THIS IS TO CERTIFY THAT THIS 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.

TREVOR ROY
PROFESSIONAL LAND SURVEYOR
STATE OF UTAH
No. 343639
DATE 04/07/10

BASIS OF BEARINGS

BASIS OF BEARING USED WAS S00°14'11"W BETWEEN THE NORTHWEST CORNER AND THE WEST QUARTER CORNER OF SECTION 32, T.17 S., R.1 E., S.L.B. & M.
S.H.L. LAT.: 39°17'40.1346" (39.294481833) NAD 83 - UTM ZONE 12N NAD27 N 14270269.333
S.H.L. LONG.: -111°50'19.1882" (-111.838663389) NAD 83 - UTM ZONE 12N NAD27 E 1403356.103
B.H.L. LAT.: 39°18'01.0089" (39.300280250) - UTM ZONE 12N NAD27 N 14272392.259
B.H.L. LONG.: -111°50'35.2337" (-111.843120472) - UTM ZONE 12N NAD27 E 1402114.793



Jones & Demille Engineering
1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-8266
Fax (435) 896-8268
www.jonesanddemille.com

Well Location Plat for

Wolverine Operating Company of Utah, LLC.

DESIGNED	SURVEYED	CHECKED	DRAWN	PROJECT NO.	SHEET NO.
-	B.S.B.	T.R.G.	T.R.G.	0911-082	1
DATE	DWG.NAME	SCALE			
04/08/2010	0911-082	1"=1000'			