

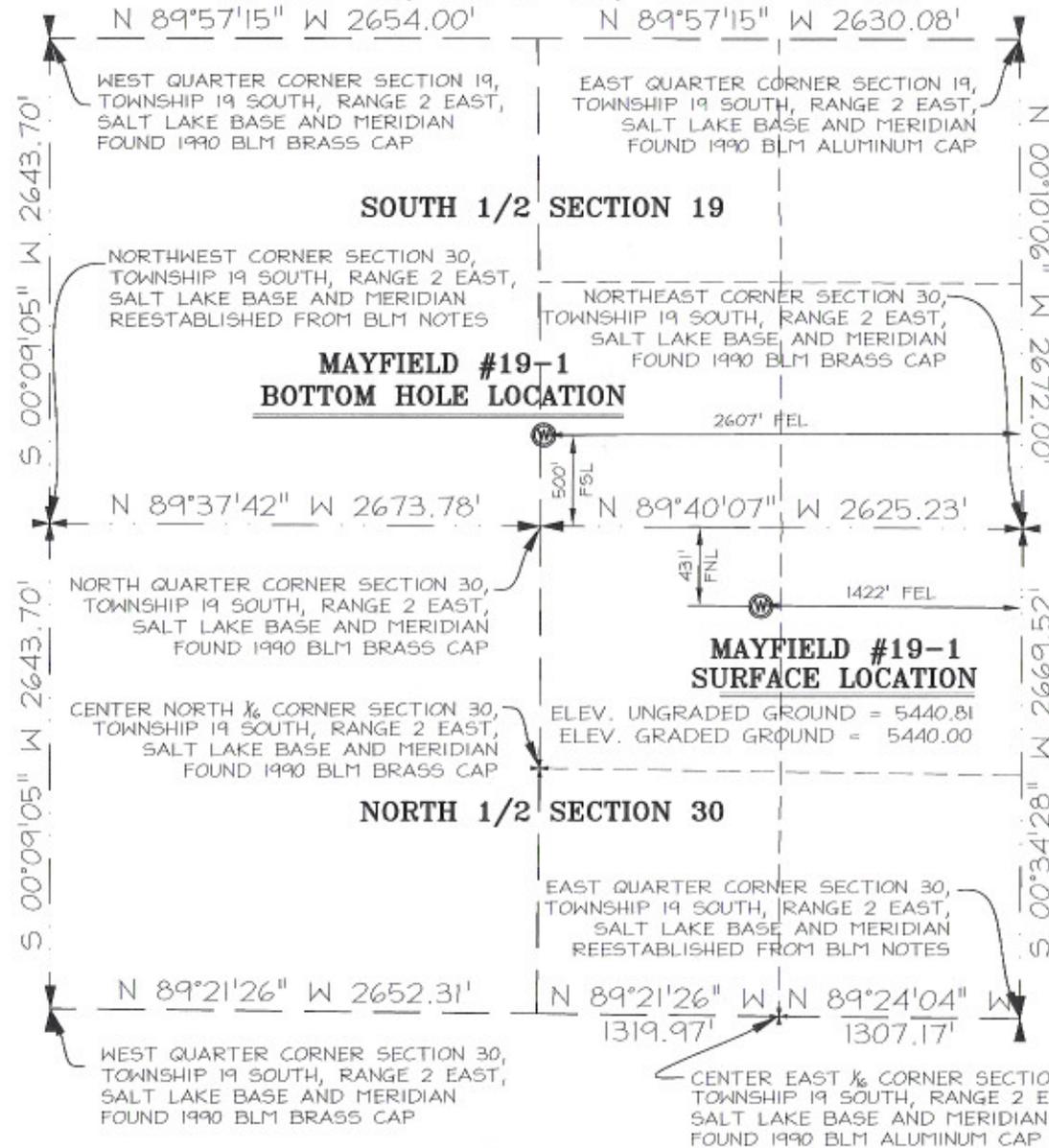
STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Mayfield 19-1	
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 WOLVERINE	
6. NAME OF OPERATOR WOLVERINE GAS & OIL 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 cirons@wolvgas.com	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Patented			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Linsi Properties, LLC						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-528-3588	
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') P.O. Box 82, Mayfield, UT 84643						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	431 FNL 1422 FEL		NWNE	30	19.0 S	2.0 E	S
Top of Uppermost Producing Zone	416 FSL 2490 FEL		SWSE	19	19.0 S	2.0 E	S
At Total Depth	500 FSL 2607 FEL		SWSE	19	19.0 S	2.0 E	S
21. COUNTY SANPETE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 33			23. NUMBER OF ACRES IN DRILLING UNIT 160	
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 0			26. PROPOSED DEPTH MD: 12900 TVD: 12600	
27. ELEVATION - GROUND LEVEL 5440			28. BOND NUMBER			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Mayfield Irrigation Company #63-2598	
ATTACHMENTS							
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORCANCE 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 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 10/27/2009			EMAIL cirons@wolvgas.com	
API NUMBER ASSIGNED 43039500020000			APPROVAL  Permit Manager				

**PART OF SECTIONS 19 & 30,
T. 19 S., R. 2 E., S.L.B. & M.**



PROJECT
WOLVERINE GAS AND OIL COMPANY OF UTAH, LLC.
WELL LOCATION, LOCATED AS SHOWN
IN THE NW 1/4 OF THE NE 1/4 OF
SECTION 30, T.19 S., R.2 E., S.L.B. & M.
SANPETE COUNTY, UTAH

LEGEND

- SECTION CORNER AS NOTED
- QUARTER CORNER AS NOTED
- PROPOSED WELL LOCATION

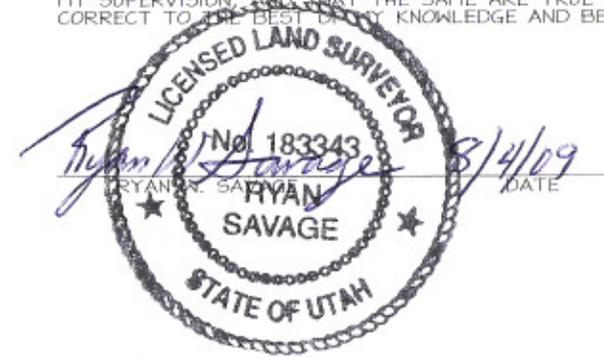
NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT
MAYFIELD 19-1 WELL
LOCATED IN THE NW 1/4 OF THE NE 1/4 OF
SECTION 30, T.19 S., R.2 E., S.L.B. & M.
SANPETE COUNTY, UTAH.

BASIS OF ELEVATION

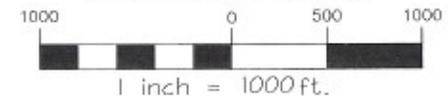
ELEVATION BASED ON USGS BENCH MARK #043
LOCATED IN THE NW 1/4 OF SECTION 24 T.19 S.,
R.2 E., S.L.B. & M.
ELEVATION USED 5227'

CERTIFICATE

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



GRAPHIC SCALE



BASIS OF BEARING

BASIS OF BEARING USED WAS NORTH 89°40'07" WEST BETWEEN THE NORTH QUARTER
CORNER AND THE NORTHEAST CORNERS OF SECTION 30, T.19 S., R.2 E., S.L.B. & M.

SURFACE WELL LATITUDE:	39°08'03.753"N	OR	39.134376
SURFACE WELL LONGITUDE:	111°43'40.018"W	OR	-111.727783
BOTTOM HOLE LATITUDE:	39°08'12.996"N	OR	39.136943
BOTTOM HOLE LONGITUDE:	111°43'55.050"W	OR	-111.731958

Savage Surveying, Inc.

1925 South Industrial Park Rd.
Richfield, UT 84701
Office: 435-866-6635
Fax: 435-866-0200



LOCATION PLAT FOR MAYFIELD 19-1

WOLVERINE GAS AND OIL COMPANY OF UTAH, LLC.

DESIGN BY:	DWG NAME LOCATION	SCALE 1"=1000'	DATE 07/28/2009	PROJECT NUMBER 0902-0065	SHEET NUMBER 1 OF 1
---	E.G.	R.N.S.	D.G.		