

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 Glencove Federal 11-1
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 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 ciron@wolvgas.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-91058	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 checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input 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	2419 FNL 314 FWL	SWNW	11	24.0 S	2.0 W	S
Top of Uppermost Producing Zone	2061 FNL 658 FWL	SWNW	11	24.0 S	2.0 W	S
At Total Depth	2061 FNL 658 FWL	SWNW	11	24.0 S	2.0 W	S

21. COUNTY SEVIER	22. DISTANCE TO NEAREST LEASE LINE (Feet) 2330	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: 6249 TVD: 6212
27. ELEVATION - GROUND LEVEL 5699	28. BOND NUMBER WYB000616	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE municipal

Hole, Casing, and Cement Information

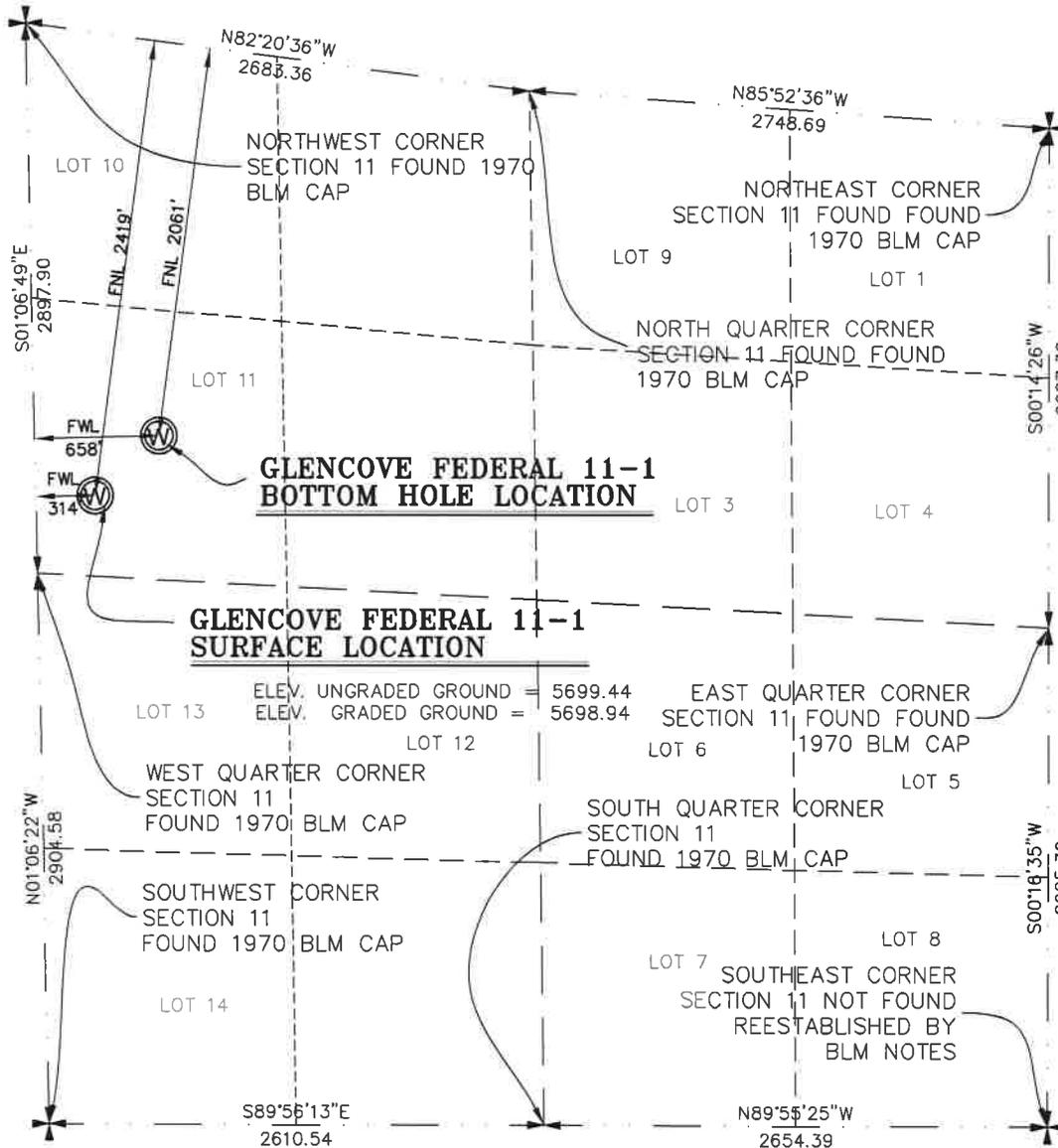
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	9.625	0 - 1300	36.0	J-55 ST&C	9.0	Halliburton Light , Type Unknown	113	3.33	11.0
							Class G	150	1.148	15.8
PROD	8.5	5.5	0 - 6220	17.0	L-80 LT&C	10.5	Halliburton Light , Type Unknown	289	3.989	11.0
							Premium Lite High Strength	345	1.425	13.5

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

NAME Charles Irons	TITLE Senior Landman	PHONE 435 201-3327
SIGNATURE	DATE 04/20/2016	EMAIL ciron@wolvgas.com
API NUMBER ASSIGNED 43041500140000	APPROVAL  Permit Manager	



PROJECT

WOLVERINE GAS AND OIL COMPANY OF UTAH, LLC.

SURFACE WELL LOCATION, LOCATED AS SHOWN IN LOT 11 (SW4NW4) SECTION 11, T.24 S., R.2 W., S.L.B. & M., SEVIER COUNTY, UTAH.

BOTTOM HOLE LOCATION, LOCATED AS SHOWN IN LOT 11 (SW4NW4) SECTION 11, T.24 S., R.2 W., S.L.B. & M., SEVIER COUNTY, UTAH.

LEGEND



SECTION CORNER AS NOTED
 QUARTER CORNER AS NOTED
 PROPOSED WELL LOCATION

NOTE:

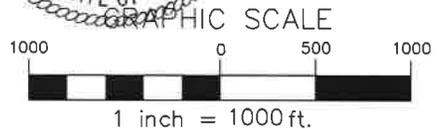
THE PURPOSE OF THIS SURVEY WAS TO PLAT THE SURFACE LOCATION OF THE GLENCOVE FEDERAL 11-1 WELL BEING LOCATED IN LOT 11 (SW4NW4) AND THE BOTTOM HOLE LOCATION BEING IN LOT 11 (SW4NW4) SECTION 11, T. 24 S., R.2 W., S.L.B. & M., SEVIER COUNTY, UTAH.

BASIS OF ELEVATION

ELEVATION BASED ON AN OPUS SOLUTION ON CP #1 LOCATED IN THE NW ¼ OF SECTION 3, T.24 S., R.2 W., S.L.B. & M.
 ELEVATION USED 5355.29

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.



BASIS OF BEARING

BASIS OF BEARING USED WAS SOUTH 01°06'49" EAST BETWEEN THE NORTHWEST CORNER AND THE WEST QUARTER CORNER OF SECTION 11 T.24 S. R.2 W., S.L.B. & M.
 SURFACE LOCATION LATITUDE: 38°43'48.158" OR 38.730044
 SURFACE LOCATION LONGITUDE: -111°59'41.219" OR -111.994783
 BOTTOM HOLE LATITUDE: 38°43'51.292" OR 38.730914
 BOTTOM HOLE LONGITUDE: -111°59'36.973" OR -111.993604

COORDINATES SHOWN ARE NAD83

Savage Surveying, Inc.

1925 South Industrial Park Rd.
 Richfield, UT 84701
 Office: 435-896-6635
 Fax: 435-896-0200



GLENCOVE FEDERAL 11-1

WOLVERINE GAS AND OIL COMPANY OF UTAH, LLC.

DESIGN BY:	SURVEY BY:	CHECKED BY:	DATE:	PROJECT NUMBER	SHEET NUMBER
---	N.S.	R. W. S.	3/22/16	1511-011S	1 of 1