

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 Fisheye State 32-1
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 cirons@wolvgas.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML-46596	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input 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') Salina Creek Irrigation Company		14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-201-0612
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 432 South 100 West, Salina, UT 84654		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	581 FSL 1258 FWL	SWSW	32	21.0 S	1.0 E	S
Top of Uppermost Producing Zone	660 FSL 1980 FWL	SESW	32	21.0 S	1.0 E	S
At Total Depth	660 FSL 1980 FWL	SESW	32	21.0 S	1.0 E	S

21. COUNTY SEVIER	22. DISTANCE TO NEAREST LEASE LINE (Feet) 660	23. NUMBER OF ACRES IN DRILLING UNIT 40
27. ELEVATION - GROUND LEVEL 5365	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 0	26. PROPOSED DEPTH MD: 8155 TVD: 8085
	28. BOND NUMBER B001849R	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Salina City culinary

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 - 2000	36.0	J-55 ST&C	9.2	Halliburton Light , Type Unknown	270	3.48	11.0
							Class G	268	1.17	15.8
PROD	8.75	5.5	0 - 8155	20.0	L-80 LT&C	10.5	Halliburton Light , Type Unknown	388	3.48	11.0
							Class G	467	1.17	15.8

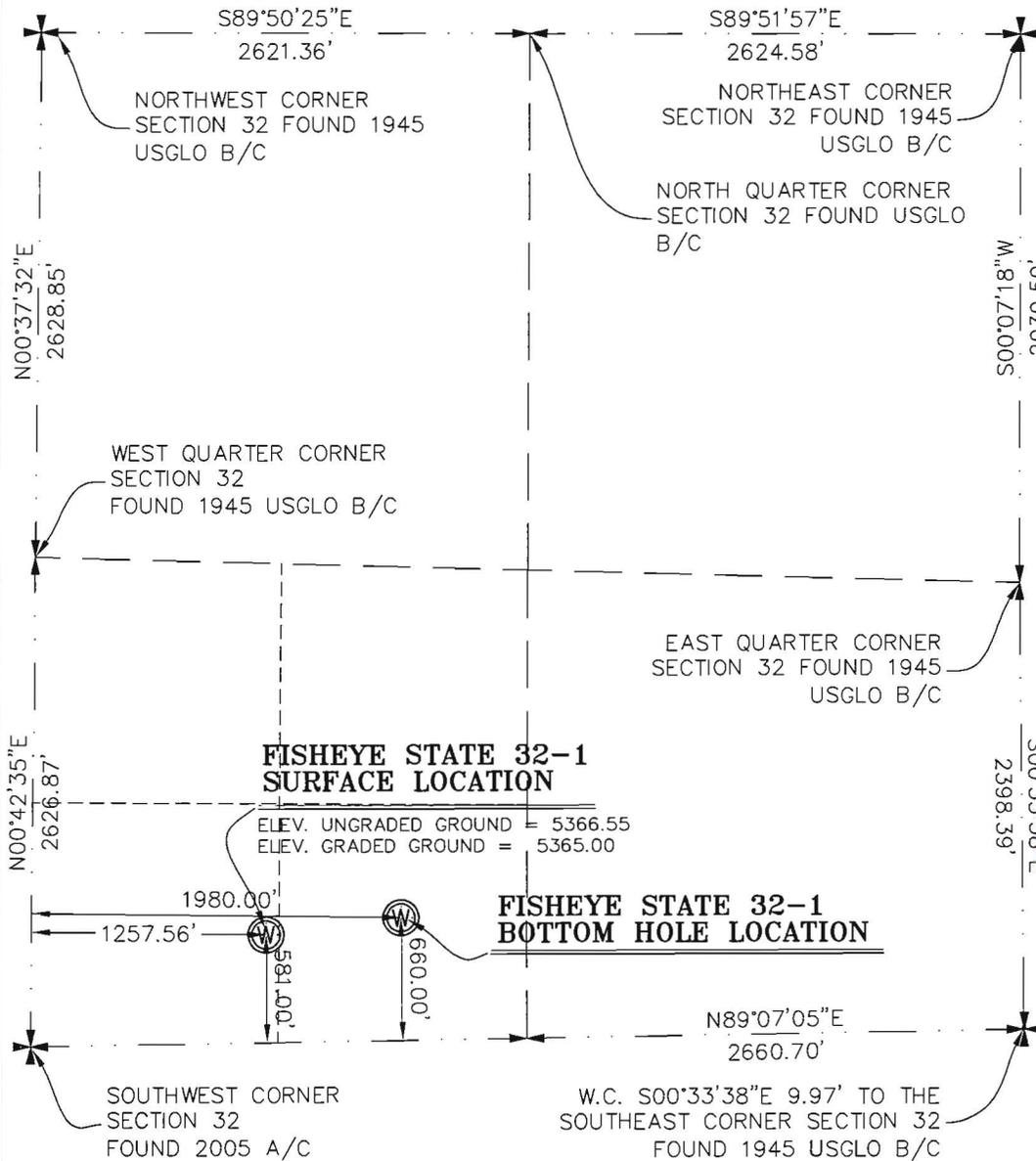
ATTACHMENTS

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 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 07/09/2013	EMAIL cirons@wolvgas.com
API NUMBER ASSIGNED 43041500100000	APPROVAL  Permit Manager	

SECTION 32, T.21 S., R.1 E., S.L.B. & M.



PROJECT
WOLVERINE GAS AND OIL COMPANY OF UTAH, LLC.

SURFACE WELL LOCATION, LOCATED AS SHOWN
 IN THE SW 1/4 OF THE SW 1/4 OF SECTION 32, T.21 S.,
 R.1 E., S.L.B. & M. SEVIER COUNTY, UTAH.

BOTTOM HOLE LOCATION, LOCATED AS SHOWN
 IN THE SE 1/4 OF THE SW 1/4 OF SECTION 32, T.21 S.,
 R.1 E., 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 FISHEYE STATE 32-1 WELL LOCATED IN THE
 SW 1/4 OF THE SW 1/4 AND THE BOTTOM HOLE LOCATION IN
 THE SE 1/4 OF THE SW 1/4 OF SECTION 32, T. 21 S., R.1 E.,
 S.L.B. & M. SEVIER COUNTY, UTAH.

BASIS OF ELEVATION

ELEVATION BASED ON AN OPUS SOLUTION ON CP
 #5 LOCATED IN THE SW 1/4 OF THE SW 1/4 OF
 SECTION 32, T.21 S., R.1 E., S.L.B. & M.
 ELEVATION USED 5341.68

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.

Ryan W. Savage
 RYAN W. SAVAGE
 No. 183343
 DATE 4/25/13



GRAPHIC SCALE



1 inch = 1000 ft.

BASIS OF BEARING

BASIS OF BEARING USED WAS NORTH 89°07'05" EAST BETWEEN
 THE SOUTHWEST CORNER AND THE SOUTH QUARTER CORNER OF
 SECTION 32 T.22 S. R.1 E., S.L.B. & M.
 SURFACE LOCATION LATITUDE: 38°55'57.933" OR 38.9325933
 SURFACE LOCATION LONGITUDE: -111°49'38.190" OR -111.8272190
 BOTTOM HOLE LATITUDE: 38°55'58.850" OR 38.9328850
 BOTTOM HOLE LONGITUDE: -111°49'29.037" OR -111.8247037

COORDINATES SHOWN ARE NAD83

Savage Surveying, Inc.

1925 South Industrial Park Rd.
 Richfield, UT 84701
 Office: 435-896-8635
 Fax: 435-898-0220



FISHEYE STATE 32-1 LOCATION PLAT

WOLVERINE GAS AND OIL COMPANY OF UTAH, LLC.

DWG NAME	SCALE	DATE	PROJECT NUMBER	SHEET NUMBER
1303-001S	1" = 1000'	04/24/2013	1303-001S	1 of 1
DESIGN BY:	SURVEY BY:	CHECKED BY:	DRAWN BY:	
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